REGULATED SYNTHETIC ORGANIC CHEMICALS (SOCs) 40 CFR 141.24 (e) & 141.61 (c), Federal Register Vol. 76, No. 122 and Vol. 77, No. 125					
PHASE II					
		Contaminant	**Approved Methods**	**MCL (mg/L) parts per million**	**MCL (µg/L) parts per billion**
(1)	2051	ALACHLOR (LASSO)	505, 507, 508.1, 525.2, 525.3, 551.1	0.002	2
(2)	2050	ATRAZINE	505, 507, 508.1, 523, 525.2, 525.3, 536, 551.1, Syngenta [5] AG-625	0.003	3
(3)	2046	CARBOFURAN	531.1, 531.2, 6610, 6610B	0.04	40
(4)	2959	CHLORDANE	505, 508, 508.1, 525.2, 525.3	0.002	2
(5)	2931	DIBROMOCHLOROPROPANE (DBCP, 1,2-Dibromo-3-Chloropropane)	504.1, 524.3, 551.1	0.0002	0.2
(6)	2946	ETHYLENE DIBROMIDE (EDB or Dibromoethane)	504.1, 524.3, 551.1	0.00005	0.05
(7)	2065	HEPTACHLOR	505, 508, 508.1, 525.2, 525.3, 551.1	0.0004	0.4
(8)	2067	HEPTACHLOR EPOXIDE	505, 508, 508.1, 525.2, 525.3, 551.1	0.0002	0.2
(9)	2010	LINDANE (BHC-GAMMA)	505, 508, 508.1, 525.2, 525.3, 551.1	0.0002	0.2
(10)	2015	METHOXYCHLOR	505, 508, 508.1, 525.2, 525.3, 551.1	0.04	40
(11)	2383	POLYCHLORINATED BIPHENYLS (as AROCLORS) – regulated as decachlorobiphenyl	505, 508, 508.1, 525.2, 525.3	0.0005	0.5
(11a)	2383	POLYCHLORINATED BIPHENYLS (as decachlorobiphenyl) 2388, 2390, 2392, 2394, 2396, 2398, 2400	508A is used to quantitate individual Aroclors detected using 505 or 508.	0.0005	0.5
(12)	2326	PENTACHLOROPHENOL	515.1, 515.2, 515.3, 515.4, 525.2, 525.3, 555, 6640B	0.001	1
(13)	2020	TOXAPHENE	505, 508, 508.1, 525.2, 525.3,	0.003	3
(14)	2105	2,4-D	515.1, 515.2, 515.3, 515.4, 555, D5317-93/98, 6640B	0.07	70
(15)	2110	2,4,5-TP (Silvex)	515.2, 555, 515.1, 515.3, 515.4, D5317-93/98, 6640B	0.05	50
PHASE V					
(1)	2306	BENZO(a)PYRENE	525.2, 525.3, 550, 50.1	0.0002	0.2
(2)	2031	DALAPON	552.1, 552.2, 552.3, 515.1, 515.3, 515.4, 557, 6640B	0.2	200
(3)	2035	DI(2-ETHYLHEXYL)ADIPATE	506, 525.2, 525.3	0.4	400
(4)	2039	DI(2-ETHYLHEXYL)PHTHALATE	506, 525.2, 525.3	0.006	6
(5)	2041	DINOSEB	515.2, 555, 515.1, 515.3, 515.4, 6640B	0.007	7
(6)	2032	DIQUAT	549.2	0.02	20
(7)	2033	ENDOTHALL	548.1	0.1	100
(8)	2005	ENDRIN	505, 508, 508.1, 525.2, 525.3, 551.1	0.002	2
(9)	2034	GLYPHOSATE	547, 6651, 6651B	0.7	700
(10)	2274	HEXACHLOROBENZENE	505, 508, 508.1, 525.2, 525.3, 551.1	0.001	1
(11)	2042	HEXACHLOROCYCLOPENTA-DIENE	505, 508, 508.1, 525.2, 525.3, 551.1	0.05	50
(12)	2036	OXYMAL (VYDATE)	531.1, 531.2, 6610, 6610B	0.2	200
(13)	2040	PICLORAM (PICHLORAM)	515.2, 515.1, 515.3, 515.4, 555, D5317-93/98, 6640B	0.5	500
(14)	2037	SIMAZINE	505, 507, 508.1, 523, 525.2, 525.3, 536, 551.1	0.004	4
(15)	2063	2,3,7,8-TCDD (DIOXIN)	1613	$3 \times 10^{\wedge -8}$	

REGULATED VOLATILE ORGANIC CHEMICALS (VOCs)
40 CFR 141.24 (e) & 141.61 (c),
Federal Register Vol. 74, No. 147, Vol. 76, No. 122 and Vol. 77, No. 125

		Contaminant	Approved Methods	MCL (mg/L) parts per million	MCL (µg/L) parts per billion
PHASE I AND II					
(1)	2990	BENZENE	502.2, 524.2, 524.3	0.005	5
(2)	2982	CARBON TETRACHLORIDE	502.2, 524.2, 524.3, 551.1	0.005	5
(3)	2989	CHLOROBENZENE (MONOCHLOROBENZENE)	502.2, 524.2, 524.3	0.1	100
(4)	2968	1,2-DICHLOROBENZENE (ortho-)	502.2, 524.2, 524.3	0.6	600
(5)	2969	1,4-DICHLOROBENZENE (para-)	502.2, 524.2, 524.3	0.075	75
(6)	2980	1,2-DICHLOROETHANE	502.2, 524.2, 524.3	0.005	5
(7)	2978	1,1-DICHLOROETHYLENE (DICHLOROETHENE)	502.2, 524.2, 524.3	0.007	7
(8)	2380	CIS-1,2-DICHLOROETHYLENE (CIS-1,2-DICHLOROETHENE)	502.2, 524.2, 524.3	0.07	70
(9)	2979	TRANS-1,2-DICHLOROETHYLENE (TRANS-1,2-DICHLOROETHENE)	502.2, 524.2, 524.3	0.1	100
(10)	2983	1,2-DICHLOROPROPANE	502.2, 524.2, 524.3	0.005	5
(11)	2992	ETHYLBENZENE	502.2, 524.2, 524.3	0.7	700
(12)	2996	STYRENE	502.2, 524.2, 524.3	0.1	100
(13)	2987	TETRACHLOROETHYLENE (PCE) (TETRACHLOROETHENE)	502.2, 524.2, 524.3, 551.1	0.005	5
(14)	2991	TOLUENE	502.2, 524.2, 524.3	1	1,000
(15)	2981	1,1,1-TRICHLOROETHANE	502.2, 524.2, 524.3, 551.1	0.2	200
(16)	2984	TRICHLOROETHYLENE (TCE) (TRICHLOROETHENE)	502.2, 524.2, 524.3, 551.1	0.005	5
(17)	2976	VINYL CHLORIDE	502.2, 524.2, 524.3	0.002	2
(18)	2955	XYLENES (TOTAL OF M,P & O)	502.2, 524.2, 524.3	10	10,000
PHASE V					
(1)	2964	DICHLOROMETHANE (METHYLENE CHLORIDE)	502.2, 524.2, 524.3	0.005	5
(2)	2378	1,2,4-TRICHLOROBENZENE	502.2, 524.2, 524.3	0.07	70
(3)	2985	1,1,2-TRICHLOROETHANE	502.2, 524.2, 524.3, 551.1	0.005	5

REGULATED INORGANIC CHEMICALS (IOCs) 40 CFR 141.23 (k) & 141.62 (b), Federal Register Vol. 76, No. 122 and Vol. 77, No. 125					
PHASE II					
		Contaminant	**Approved Methods**	**MCL (mg/L) parts per million**	**MCL (µg/L) parts per billion**
(1)	1025	FLUORIDE	300.0, 300.1, 4110B, 129-71W, 380-75WE, D4327, D1179-B, 4500-F^- B/C/D/E, Hach SPADNS 2 m. 10225	4	4000
(2)	1010	BARIUM	200.7, 200.8, 3111D, 3113B, 3120B	2	2000
(3)	1015	CADMIUM	200.7, 200.8, 200.9, 3113B	0.005	5
(4)	1020	CHROMIUM	200.7, 200.8, 200.9, 3113B, 3120B, D6919	0.1	100
(5)	1035	MERCURY	245.1, 245.2, 200.8, 3112B, D3223	0.002	2
(6)	1045	SELENIUM	200.8, 200.9, 3113B, 3114B, D3859-A, D3859-B	0.05	50
(7)	1040	NITRATE	300.0, 300.1, 353.2, 4110B, 601, B-1011, 4500-NO_3^- B/D/E/F, D3867A, D3867-B, D4327, D6508, Systea Easy, Hach TNTplus 835/836 m. 10206	10 (as N)	10000
(8)	1041	NITRITE	300.0, 300.1, 353.2, D4327, D3867-A, D3867-B, 4110B, 4500-NO_3^- E/F, B-1011, 4500-NO_2^- B, D6508	1 (as N)	1000
(9)	1038	TOTAL NITRATE + NITRITE	See above	10 (as N)	10000
(10)	1094	ASBESTOS	100.1, 100.2	7 Million Fibers/L longer than 10um	
PHASE V					
(1)	1074	ANTIMONY	200.8, 200.9, 3113B, D3697	0.006	6
(2)	1075	BERYLLIUM	200.7, 200.8, 200.9 3113B, 3120B, D3645-B	0.004	4
(3)	1024	CYANIDE	335.4, D2036-A, D2036-B, D6888, 4500-CN^- C/E/G/F, OIA-1677 DW, I-3300-85, Kelada-01, QuikChem 10-204-00-1-X	0.2	200
(4)	1036	NICKEL	200.7, 200.8, 200.9, 3111B, 3113B, 3120B	N/A	N/A
(5)	1085	THALLIUM	200.8, 200.9	0.002	2

(40 CFR 141.11 (a))					
		Contaminant	**Approved Methods**	**MCL (mg/L) parts per million**	**MCL (µg/L) parts per billion**
(6)	1005	ARSENIC (January 23, 2006)	200.8, 200.9, D2972-B, D2972-C, 3113B, 3114B	0.010	10

SPECIAL MONITORING (Community systems only)			
	Contaminant	**Approved Methods**	**MCL(mg/L) parts per million**
1052	SODIUM	200.7, 3111B, D6919	N/A

SECONDARY DRINKING WATER STANDARDS NAC 445A.455 & 40 CFR 143.4, , FEDERAL REGISTER VOL. 76, NO. 122 AND VOL. 77, NO. 125				
		Contaminant	**Approved Methods**	**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, 300.1, 4110B, 4500-Cl^- B/D, D4327, D512-B, D6508	400
(3)	1905	COLOR	2120B	15.0 (color units)
(4)	1022	COPPER	200.7, 200.8, 200.9, 3111B, 3113B, 3120B, D1688-A, D1688-C	1
(5)	1025	FLUORIDE	300.0, 300.1, 4110B, 129-71W, 380-75WE, D4327, D1179B, 4500-F^- B/C/D/E, Hach SPADNS 2 m. 10225	2
(6)	1089	FOAMING AGENTS (MBAS) (METHYLENE BLUE ACTIVE SUBSTANCES)	5540C	0.5
(7)	1028	IRON	200.7, 200.9, 3111B, 3113B, 3120B	0.6
(8)	1031	MAGNESIUM	200.7, 3111B, 3120B, D511-A, D511-B, 3500-Mg B/E, D6919	150
(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, D1293, 4500-H+ B	6.5 – 8.5 (pH units)
(12)	1050	SILVER	200.7, 200.8, 200.9, 3111B, 3113B, 3120B, I-3720-85	0.10
(13)	1055	SULFATE	300.0, 300.1, 375.2, D4327, 4110B, D516, 4500-SO_4^{2-} C/D/E/F, D6508	500
(14)	1930	TOTAL DISSOLVED SOLIDS (TDS)	2540C	1,000
(15)	1095	ZINC	200.7, 200.8, 3111B, 3120B	5

RADIONUCLIDES 40 CFR 141.25 AND 141.66, , Federal Register Vol. 76, No. 122 and Vol. 77, No. 125		
Contaminant	**Approved Methods**	**MCL**
4010 Combined Radium-226 and 228		5 picocuries /Liter
4020 Ra^{226}	903.0, 903.1, Ra-03, Ra-04, 304, 305, 7500-Ra B/C, D3454, D2460, R-1140-76, R-1141-76	5 picocuries /Liter
4030 Ra^{228}	904.0, Ra-05, 7500-Ra D, R-1142-76	5 picocuries /Liter
4000 Gross Alpha particle activity	900.0, 00-01, 00-02, 302, 7110B, 7110C, R-1120-76	15 picocuries /Liter
4109 Gross Beta and photon particle radioactivity (Applicable only to community surface public water systems serving greater than 100,000 persons)	900.0, 00-01, 302, 7110B, R-1120-76	Annual dose equivalent to the human body or any internal organ may not exceed 4 millirems/year
4006 Uranium	200.8, 908.0, 908.1, 00-07, D2907, D5673, D3972, D5174, D6239, 7500-U B/C, 3125, R-1180-76, R-1181-76, R-1182-76, U-02, U-04	30 (µg/L)

LEAD AND COPPER RULE 40 CFR 141.23 (k)		
Contaminant/Water Quality Parameter	**Approved Methods**	**AL** (MG/L) **parts per million**
1022 COPPER	200.7, 200.8, 200.9, 3111B, 3113B, 3120B, D1688-A, D1688-C	1.3
1030 LEAD	200.8, 200.9, 3113B, D3559-D, Hach/Palintest 1001	0.015
1927 ALKALINITY	2320B, D1067-B	N/A
1016 CALCIUM	200.7, D511-A, D511-B, D6919, 3500-Ca B/D, 3111B, 3120B	N/A
1064 CONDUCTIVITY	2510B, D1125-A	N/A
1044 ORTHO-PHOSPHATE	300.0, 300.1, 365.1, 4500-P E/F, 4110B, D515-A, D4327, D6508, I-1601-85, I-2601-80, I-2598-85	N/A
1925 pH	150.1, 150.2, D1293, 4500-H+ B,	N/A
1049 SILICA	200.7, D859, 4500-Si C/D/E/F, 3120B, I-1700-85, I-2700-85	N/A
1996 TEMPERATURE	2550	N/A

DISINFECTANT RESIDUALS/DISINFECTION BYPRODUCTS (TTHM/HAA5/BROMATE) 40 CFR 141.131 & 141.64-65		
Byproduct	**Approved Methods**	**MCL (ppm) parts per million**
TTHM (2950)	502.2, 524.2, 524.3, 551.1	0.080
HAA5 (2456)	552.1, 552.2, 552.3, 6251B	0.060
BROMATE (1011)	300.1, 317.0 Rev 2.0 (for Reduced Monitoring), 326.0, 321.8 D6581	0.010
CHLORITE (1006)	300.0, 300.1, 317.0 Rev 2.0, 326.0, 327.0 Rev 1.1, 4500-ClO_2 E-00, 4500-ClO_2 E , D6581	1.0
Disinfectant	**Approved Methods**	**Maximum Residual Disinfectant Level MRDL (ppm) parts per million**
CHLORINE (0999) (AS FREE CHLORINE)	4500-Cl^- D/F/G/H	4.0 (as Cl_2)
CHLORINE (1000) (AS TOTAL CHLORINE)	4500-Cl^- D/E/F/G/I	4.0 (as Cl_2)
CHLORAMINE (1006) (AS COMBINED CHLORINE)	4500-Cl^- D/F/G	4.0 (as Cl_2)
CHLORAMINE (AS TOTAL CHLORINE)	4500-Cl^- D/E/F/G/I	4.0 (as Cl_2)
CHLORINE DIOXIDE (1008)	4500-ClO_2 C/D/E	0.8 (as ClO_2)

	Water Quality Parameter, Physical Parameter	**Approved Methods**
On-Line Chlorine Analyzers	CHLORINE	334.0
Systems using Ozone	OZONE	4500-O_3B
Surface Water Systems	TOTAL ORGANIC CARBON (2920)	5310B/C/D, 415.3
Surface Water Systems	TURBIDITY	2130B

TOTAL COLIFORM BACTERIA 40 CFR 141.21		
Organism	**Methodology**	**Approved Methods**
Total Coliforms (3100) E. coli (3014)	Total Coliform Fermentation Technique…….. Total Coliform Membrane Filter Technique…… Presence-Absence (P-A) Coliform Test…….. ONPG-MUG Test…… Colisure Test E-Colite® Test m-ColiBlue24® Test Readycult® Coliforms 100 Presence/Absence Test Membrane Filter Technique using Chromocult® Coliform Agar Colitag® Test Chromocult Colilert/Colilert-18……..	9221A,B 9222A, B, C 9221D 9223 9223B