

**Environmental Protection Agency**

**§ 141.60**

Contaminant	MCLG in mg/l
(26) Endrin .....	.002
(27) Glyphosate .....	.7
(28) Hexachlorocyclopentadiene .....	.05
(29) Oxamyl (Vydate) .....	.2
(30) Picloram .....	.5
(31) Simazine .....	.004
(32) 1,2,4-Trichlorobenzene .....	.07
(33) 1,1,2-Trichloroethane .....	.003

[50 FR 46901, Nov. 13, 1985, as amended at 52 FR 20674, June 2, 1987; 52 FR 25716, July 8, 1987; 56 FR 3592, Jan. 30, 1991; 56 FR 30280, July 1, 1991; 57 FR 31846, July 17, 1992]

**§ 141.51 Maximum contaminant level goals for inorganic contaminants.**

(a) [Reserved]

(b) MCLGs for the following contaminants are as indicated:

Contaminant	MCLG (mg/l)
Antimony .....	0.006
Arsenic .....	zero <sup>1</sup>
Asbestos .....	7 Million fibers/liter (longer than 10 µm).
Barium .....	2
Beryllium .....	.004
Cadmium .....	0.005
Chromium .....	0.1
Copper .....	1.3
Cyanide (as free Cyanide) .....	.2
Fluoride .....	4.0
Lead .....	zero
Mercury .....	0.002
Nitrate .....	10 (as Nitrogen).
Nitrite .....	1 (as Nitrogen).
Total Nitrate+Nitrite .....	10 (as Nitrogen).
Selenium .....	0.05
Thallium .....	.0005

<sup>1</sup> This value for arsenic is effective January 23, 2006. Until then, there is no MCLG.

[50 FR 47155, Nov. 14, 1985, as amended at 52 FR 20674, June 2, 1987; 56 FR 3593, Jan. 30, 1991; 56 FR 26548, June 7, 1991; 56 FR 30280, July 1, 1991; 57 FR 31846, July 17, 1992; 60 FR 33932, June 29, 1995; 66 FR 7063, Jan. 22, 2001]

**§ 141.52 Maximum contaminant level goals for microbiological contaminants.**

MCLGs for the following contaminants are as indicated:

Contaminant	MCLG
(1) <i>Giardia lamblia</i> .....	zero
(2) Viruses .....	zero
(3) <i>Legionella</i> .....	zero
(4) Total coliforms (including fecal coliforms and <i>Escherichia coli</i> ) .....	zero.
(5) <i>Cryptosporidium</i> .....	zero.

[54 FR 27527, 27566, June 29, 1989; 55 FR 25064, June 19, 1990; 63 FR 69515, Dec. 16, 1998]

**§ 141.53 Maximum contaminant level goals for disinfection byproducts.**

MCLGs for the following disinfection byproducts are as indicated:

Disinfection byproduct	MCLG (mg/L)
Bromodichloromethane .....	zero
Bromoform .....	zero
Bromate .....	zero
Chlorite .....	0.8
Chloroform .....	0.07
Dibromochloromethane .....	0.06
Dichloroacetic acid .....	zero
Monochloroacetic acid .....	0.07
Trichloroacetic acid .....	0.02

[63 FR 69465, Dec. 16, 1998, as amended at 65 FR 34405, May 30, 2000; 71 FR 478, Jan. 4, 2006]

**§ 141.54 Maximum residual disinfectant level goals for disinfectants.**

MRDLGs for disinfectants are as follows:

Disinfectant residual	MRDLG(mg/L)
Chlorine .....	4 (as Cl <sub>2</sub> ).
Chloramines .....	4 (as Cl <sub>2</sub> ).
Chlorine dioxide .....	0.8 (as ClO <sub>2</sub> )

[63 FR 69465, Dec. 16, 1998]

**§ 141.55 Maximum contaminant level goals for radionuclides.**

MCLGs for radionuclides are as indicated in the following table:

Contaminant	MCLG
1. Combined radium-226 and radium-228 .....	Zero.
2. Gross alpha particle activity (excluding radon and uranium) .....	Zero.
3. Beta particle and photon radioactivity .....	Zero.
4. Uranium .....	Zero.

[65 FR 76748, Dec. 7, 2000]

**Subpart G—National Primary Drinking Water Regulations: Maximum Contaminant Levels and Maximum Residual Disinfectant Levels**

**§ 141.60 Effective dates.**

(a) The effective dates for § 141.61 are as follows:

(1) The effective date for paragraphs (a)(1) through (a)(8) of § 141.61 is January 9, 1989.

(2) The effective date for paragraphs (a)(9) through (a)(18) and (c)(1) through (c)(18) of § 141.61 is July 30, 1992.

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(3) The effective date for paragraphs (a)(19) through (a)(21), (c)(19) through (c)(25), and (c)(27) through (c)(33) of §141.61 is January 17, 1994. The effective date of §141.61(c)(26) is August 17, 1992.

(b) The effective dates for §141.62 are as follows:

(1) The effective date of paragraph (b)(1) of §141.62 is October 2, 1987.

(2) The effective date for paragraphs (b)(2) and (b)(4) through (b)(10) of §141.62 is July 30, 1992.

(3) The effective date for paragraphs (b)(11) through (b)(15) of §141.62 is January 17, 1994.

(4) The effective date for §141.62(b)(16) is January 23, 2006.

[56 FR 3593, Jan. 30, 1991, as amended at 57 FR 31846, July 17, 1992; 59 FR 34324, July 1, 1994; 66FR 7063, Jan. 22, 2001]

§ 141.61 Maximum contaminant levels for organic contaminants.

(a) The following maximum contaminant levels for organic contaminants apply to community and non-transient, non-community water systems.

CAS No.	Contaminant	MCL (mg/l)
(1) 75-01-4	Vinyl chloride	0.002
(2) 71-43-2	Benzene	0.005
(3) 56-23-5	Carbon tetrachloride	0.005
(4) 107-06-2	1,2-Dichloroethane	0.005
(5) 79-01-6	Trichloroethylene	0.005
(6) 106-46-7	para-Dichlorobenzene	0.075
(7) 75-35-4	1,1-Dichloroethylene	0.007
(8) 71-55-6	1,1,1-Trichloroethane	0.2
(9) 156-59-2	cis-1,2-Dichloroethylene	0.07
(10) 78-87-5	1,2-Dichloropropane	0.005
(11) 100-41-4	Ethylbenzene	0.7
(12) 108-90-7	Monochlorobenzene	0.1
(13) 95-50-1	o-Dichlorobenzene	0.6
(14) 100-42-5	Styrene	0.1
(15) 127-18-4	Tetrachloroethylene	0.005
(16) 108-88-3	Toluene	1
(17) 156-60-5	trans-1,2-Dichloroethylene	0.1
(18) 1330-20-7	Xylenes (total)	10
(19) 75-09-2	Dichloromethane	0.005
(20) 120-82-1	1,2,4-Trichloro- benzene	.07
(21) 79-00-5	1,1,2-Trichloro- ethane	.005

(b) The Administrator, pursuant to section 1412 of the Act, hereby identifies as indicated in the Table below granular activated carbon (GAC), packed tower aeration (PTA), or oxidation (OX) as the best technology treat-

ment technique, or other means available for achieving compliance with the maximum contaminant level for organic contaminants identified in paragraphs (a) and (c) of this section:

BAT FOR ORGANIC CONTAMINANTS LISTED IN § 141.61 (a) AND (c)

CAS No.	Contaminant	GAC	PTA	OX
15972-60-8	Alachlor	X		
116-06-3	Aldicarb	X		
1646-88-4	Aldicarb sulfone	X		
1646-87-3	Aldicarb sulfoxide	X		
1912-24-9	Atrazine	X		
71-43-2	Benzene	X	X	
50-32-8	Benzo[a]pyrene	X		
1563-66-2	Carbofuran	X		
56-23-5	Carbon tetrachloride	X	X	
57-74-9	Chlordane	X		
75-99-0	Dalapon	X		
94-75-7	2,4-D	X		
103-23-1	Di (2-ethylhexyl) adipate	X	X	
117-81-7	Di (2-ethylhexyl) phthalate	X		
96-12-8	Dibromochloropropane (DBCP)	X	X	
95-50-1	o-Dichlorobenzene	X	X	
106-46-7	para-Dichlorobenzene	X	X	