

Environmental Protection Agency

§ 141.54

- (16) Polychlorinated biphenyls (PCBs)
 (17) Tetrachloroethylene
 (18) Toxaphene
 (19) Benzo[a]pyrene
 (20) Dichloromethane (methylene chloride)
 (21) Di(2-ethylhexyl)phthalate
 (22) Hexachlorobenzene
 (23) 2,3,7,8-TCDD (Dioxin)
 (b) MCLGs for the following contaminants are as indicated:

| Contaminant | MCLG in mg/l |
|---------------------------------------|--------------|
| (1) 1,1-Dichloroethylene | 0.007 |
| (2) 1,1,1-Trichloroethane | 0.20 |
| (3) para-Dichlorobenzene | 0.075 |
| (4) Aldicarb | 0.001 |
| (5) Aldicarb sulfoxide | 0.001 |
| (6) Aldicarb sulfone | 0.001 |
| (7) Atrazine | 0.003 |
| (8) Carbofuran | 0.04 |
| (9) o-Dichlorobenzene | 0.6 |
| (10) cis-1,2-Dichloroethylene | 0.07 |
| (11) trans-1,2-Dichloroethylene | 0.1 |
| (12) 2,4-D | 0.07 |
| (13) Ethylbenzene | 0.7 |
| (14) Lindane | 0.0002 |
| (15) Methoxychlor | 0.04 |
| (16) Monochlorobenzene | 0.1 |
| (17) Styrene | 0.1 |
| (18) Toluene | 1 |
| (19) 2,4,5-TP | 0.05 |
| (20) Xylenes (total) | 10 |
| (21) Dalapon | 0.2 |
| (22) Di(2-ethylhexyl)adipate | .4 |
| (23) Dinoseb | .007 |
| (24) Diquat | .02 |
| (25) Endothall | .1 |
| (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 ¹ |
| Asbestos | 7 Million fibers/liter (longer than 10 µm). |
| Barium | 2 |
| Beryllium | .004 |
| Cadmium | 0.005 |

| Contaminant | MCLG (mg/l) |
|---------------------------------|-------------------|
| 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 |

¹ 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 |
| Dichloroacetic acid | Zero |
| Trichloroacetic acid | 0.3 |
| Chlorite | 0.8 |
| Dibromochloromethane | 0.06 |

[63 FR 69465, Dec. 16, 1998, as amended at 65 FR 34405, May 30, 2000]

§ 141.54 Maximum residual disinfectant level goals for disinfectants.

MRDLGs for disinfectants are as follows:

| Disinfectant residual | MRDLG(mg/L) |
|-----------------------|--------------------------|
| Chlorine | 4 (as Cl ₂). |
| Chloramines | 4 (as Cl ₂). |

§ 141.55

40 CFR Ch. I (7–1–02 Edition)

| Disinfectant residual | MRDLG(mg/L) |
|------------------------|----------------------------|
| Chlorine dioxide | 0.8 (as ClO ₂) |

[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]

EFFECTIVE DATE NOTE: At 65 FR 76748, Dec. 7, 2000, § 141.55 was added, effective Dec. 2003.

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

EFFECTIVE DATE NOTE: At 65 FR 76748, Dec. 7, 2000, the heading of subpart G was revised to read “National Primary Drinking Water Regulations: Maximum Contaminant Levels and Maximum Residual Disinfectant Levels”, effective Dec. 8, 2003.

§ 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.

(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; 66 FR 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 |