

Regulation Timeline: Contaminants Regulated Under the Safe Drinking Water Act

Federal Register Publication Month/Year	Final Regulation	Number of Contaminants (Cumulative)	Action	Contaminants Regulated
12/75; 7/76	NPDWRs	22 (22)	New regs	2,4-D 2,4,5-TP (Silvex) arsenic barium cadmium chromium coliform bacteria endrin fluoride gross alpha gross beta lead lindane mercury methoxychlor nitrate radium-226 ¹ radium-228 ¹ selenium silver toxaphene turbidity ⁸
11/79	Total Trihalomethanes Rule	1 (23)	New reg	total trihalomethanes (TTHMs ²)
4/86	Fluoride Rule	1 (23)	Revision	fluoride*
7/87	Phase I (Volatile Organic Compounds)	8 (31)	New regs	benzene carbon tetrachloride 1,2-dichloroethane p-dichlorobenzene 1,1-dichloroethylene 1,1,1-trichloroethane trichloroethylene vinyl chloride ³
6/89	Total Coliform Rule	1 (31)	Revision	total coliforms ²
6/89	Surface Water Treatment Rule	5 (35)	1 Revision 4 New regs	Giardia ⁴ turbidity ⁸ HPC bacteria ⁴ Legionella ⁴ viruses ⁴
1/91; 7/91	Phase II	38 and 1 deletion (61)	11 Revisions 27 New regs 4 Deletion	2,4-D 2,4,5-TP acrylamide ⁴ alachlor aldicarb ⁶ aldicarb sulfone ⁵ aldicarb sulfoxide ⁵ asbestos atrazine barium cadmium carbofuran chlordane (mono) chlorobenzene chromium dibromochloropropane o-dichlorobenzene cis-1,2-dichloroethylene trans-1,2-dichloroethylene 1,2-dichloropropane epichlorohydrin ⁴ ethylbenzene ethylene dibromide heptachlor heptachlor epoxide lindane mercury (inorganic) methoxychlor nitrate nitrite total nitrate/nitrite PCBs pentachlorophenol selenium silver ⁹ styrene tetrachloroethylene toluene toxaphene xylenes
6/91	Lead and Copper	2 (62)	1 Revision 1 New reg	copper ⁴ lead ⁴
7/92	Phase V	23 (84)	1 Revision 22 New regs	adipate, di(2-ethylhexyl) antimony beryllium cyanide dalapon dichloromethanes dinoseb dioxin (2,3,7,8-TCDD) diquat endothall endrin glyphosate hexachlorobenzene hexachlorocyclopentadiene nickel oxamyl (vydate) PAHs (benzo(a) pyrene) phthalate, di(2-ethylhexyl) picloram simazine thallium 1,2,4-trichlorobenzene 1,1,2-trichloroethane
n/a/95	N/A	1 (83)	Remand	nickel

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12/98	Stage I Disinfectant and Disinfection Byproduct Rule	7 (89)	1 <i>Revision</i> 6 New regs	bromate chloramine chlorine chlorine dioxide chlorite haloacetic acids (HAA5) ² <i>TTHMs</i> ²
12/98	Interim Enhanced Surface Water Treatment Rule	3 (90)	2 <i>Revisions</i> 1 New reg	<i>Cryptosporidium</i> ⁴ <i>Giardia</i> ⁴ <i>turbidity</i> ⁸
12/00	Radionuclides	5 (91)	4 <i>Revisions</i> 1 New reg	<i>gross alpha</i> <i>gross beta</i> <i>radium-226</i> ¹ <i>radium-228</i> ¹ uranium
01/00	Revision to the Lead and Copper Rule	2 (91)	2 <i>Revisions</i>	<i>lead</i> ⁴ <i>copper</i> ⁴
1/01	Arsenic	1 (91)	<i>Revision</i>	<i>arsenic</i>
6/01	Filter Backwash Recycling Rule	1 (91)	<i>Revision</i>	<i>Cryptosporidium</i> ⁴
1/02	Long Term 1 Enhanced Surface Water Treatment Rule	2 (91)	<i>Revision</i>	<i>Cryptosporidium</i> ⁴ <i>turbidity</i> ^{4,8}
1/06	Long Term 2 Enhanced Surface Water Treatment Rule	1 (91)	<i>Revision</i>	<i>Cryptosporidium</i> ⁴
1/06	Stage 2 Disinfectant and Disinfection Byproduct Rule	2 (91)	2 <i>Revisions</i>	<i>HAA5</i> ² <i>TTHMs</i> ²
11/06	Ground Water Rule	3 (94)	3 New regs	<i>E. coli</i> ⁷ <i>Enterococci</i> ⁷ <i>coliphage</i> ⁷
10/07	Lead and Copper Rule	2 (94)	2 <i>Revisions</i>	<i>lead</i> ⁴ <i>copper</i> ⁴
10/09	Airline Drinking Water Rule	1 (94) ¹⁰	New	<i>total coliforms</i> ²
2/13	Revised Total Coliform Rule	1 (94)	2 <i>Revisions</i>	<i>total coliforms</i> ² <i>E. coli</i> ⁷

*Italics in the Contaminants Regulated column indicates a rule that was revised.

- Notes:**
1. Radium-226 and radium-228 are counted as two contaminants although their standard is combined.
 2. Total THMs, haloacetic acids, and total coliforms are counted as a single contaminant in the above table. However, each of these represent a group standard. The group standards consist of: TTHMs (chloroform, bromodichloromethane, dibromochloromethane, bromoform); TC (total coliform bacteria including fecal coliforms and *E. coli*); HAA5 (monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, bromoacetic acid, and dibromoacetic acid).
 3. Vinyl chloride is also known as chloroethylene & monochloroethylene.
 4. These nine contaminants have a treatment technique instead of a MCL.
 5. Aldicarb, aldicarb sulfone, and aldicarb sulfoxide are considered regulated contaminants although their MCLs are stayed.
 6. Dichloromethane is also known as methylene chloride.
 7. *E. coli*, *Enterococci*, and coliphage are indicators of microbial contamination.
 8. Turbidity is a measure of cloudiness in water that indicates the presence of disease-causing microbes. Higher turbidity levels are often associated with higher levels of disease-causing microorganisms such as viruses, parasites and some bacteria.
 9. Silver was deleted during the Phase II regulatory action.
 10. A new rule was developed applying specifically to airlines, but doesn't change the total count of contaminants regulated since total coliforms were already regulated by another rule for non-airline drinking water systems.

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