



Detection Limits for Purposes of Reporting (DLRs): Regulated Contaminants

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The following table lists DHS' detection limits for purposes of reporting (DLRs) of regulated contaminants, *i.e.*, those with maximum contaminant levels. Reporting units are micrograms per liter ($\mu\text{g/L}$), with these exceptions: fluoride, nitrate (NO_3), and sulfate are presented in milligrams per liter (mg/L), radioactivity in picocuries per liter (pCi/L), and asbestos in millions of fibers per liter (MFL). DLRs for [unregulated chemicals requiring monitoring](#) are listed separately.

A [comprehensive list of contaminants](#) in the Water Quality Management database includes their DLRs, STORET numbers, and regulatory levels. Contaminants found in drinking water are submitted by analytical laboratories directly to DHS by [Electronic Data Transfer](#).

Inorganic Chemicals (These DLRs are in 22 CCR §64432, except those for copper and lead, which are in 22 CCR §64672(b))		
Chemical	DLR	Reporting Units
Aluminum	50	$\mu\text{g/L}$
Antimony	6	$\mu\text{g/L}$
Arsenic	2	$\mu\text{g/L}$
Asbestos	0.2	MFL
Barium	100	$\mu\text{g/L}$
Beryllium	1	$\mu\text{g/L}$
Cadmium	1	$\mu\text{g/L}$
Chromium	10	$\mu\text{g/L}$
Copper	50	$\mu\text{g/L}$
Cyanide	100	$\mu\text{g/L}$
Fluoride	0.1	mg/L
Lead	5	$\mu\text{g/L}$
Mercury	1	$\mu\text{g/L}$
Nickel	10	$\mu\text{g/L}$
Nitrate (NO_3)	2	mg/L
Nitrate + Nitrite as N	400	$\mu\text{g/L}$

Nitrite as N (Nitrogen)	400	µg/L
Selenium	5	µg/L
Thallium	1	µg/L
Inorganic Chemicals with Secondary MCLs		
Iron	100	µg/L
Manganese	20	µg/L
Silver	10	µg/L
Sulfate	0.5	mg/L
Zinc	50	µg/L
Radioactivity		
Gross Alpha	3	pCi/L
Gross Beta	4	pCi/L
Radium 226	1	pCi/L
Radium 228	1	pCi/L
Radon 222	100	pCi/L
Strontium 90	2	pCi/L
Tritium	1000	pCi/L
Uranium	2	pCi/L
Uranium	1	µg/L
Organic Chemicals (These DLRs are in 22 CCR §64445.1)		
Alachlor	1	µg/L
Atrazine	1	µg/L
Bentazon	2	µg/L
Benzene	0.5	µg/L
Benzo(a)pyrene	0.1	µg/L
Carbofuran	5	µg/L
Carbon Tetrachloride	0.5	µg/L
Chlordane	0.1	µg/L
2,4-D	10	µg/L
Dalapon	10	µg/L
Dibromochloropropane (DBCP)	0.01	µg/L
1,2-Dichlorobenzene	0.5	µg/L
1,4-Dichlorobenzene	0.5	µg/L
1,1-Dichloroethane	0.5	µg/L
1,2-Dichloroethane	0.5	µg/L
1,1-Dichloroethylene	0.5	µg/L
cis-1,2-Dichloroethylene	0.5	µg/L
trans-1,2-Dichloroethylene	0.5	µg/L
Dichloromethane (Methylene Chloride)	0.5	µg/L
1,2-Dichloropropane	0.5	µg/L

1,3-Dichloropropene	0.5	µg/L
Di(2-ethylhexyl)adipate	5	µg/L
Diethylhexylphthalate	3	µg/L
Dinoseb	2	µg/L
Diquat	4	µg/L
Endothall	45	µg/L
Endrin	0.1	µg/L
Ethyl Benzene	0.5	µg/L
Ethylene Dibromide	0.02	µg/L
Glyphosate	25	µg/L
Heptachlor	0.01	µg/L
Heptachlor Epoxide	0.01	µg/L
Hexachlorobenzene	0.5	µg/L
Hexachlorocyclopentadiene	1	µg/L
Lindane	0.2	µg/L
Methoxychlor	10	µg/L
Methyl tertiary butyl ether (MTBE)	3.0	µg/L
Molinate	2	µg/L
Monochlorobenzene	0.5	µg/L
Oxamyl	20	µg/L
Pentachlorophenol	0.2	µg/L
Picloram	1	µg/L
Polychlorinated Biphenyls	0.5	µg/L
Simazine	1	µg/L
Styrene	0.5	µg/L
2,3,7,8-TCDD (Dioxin)	3×10^{-5}	µg/L
1,1,2,2-Tetrachloroethane	0.5	µg/L
Tetrachloroethylene (PCE)	0.5	µg/L
Thiobencarb	1	µg/L
Toluene	0.5	µg/L
1,2,4-Trichlorobenzene	0.5	µg/L
1,1,1-Trichloroethane	0.5	µg/L
1,1,2-Trichloroethane	0.5	µg/L
Trichloroethylene (TCE)	0.5	µg/L
Trichlorofluoromethane (FREON 11)	5	µg/L
1,1,2-Trichloro-1,2,2-trifluoroethane (FREON 113)	10	µg/L
Toxaphene	1	µg/L
2,4,5-TP (Silvex)	50	µg/L
Vinyl Chloride	0.5	µg/L
Xylenes (m,p, & o)	0.5	µg/L

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