

Attachment C – Maximum Contaminant Levels

Attachment C-1 Inorganic Chemicals

Table 64431-A ^[1]		
Chemical	Maximum Contaminant Levels (mg/L ^[2])	Reporting Detection Limit (mg/L ^[2])
Aluminum	1	0.05
Antimony	0.006	0.006
Arsenic	0.01	0.002
Asbestos	7 MFL ^[3]	0.2 MFL > 10 μm
Barium	1	0.1
Beryllium	0.004	0.001
Cadmium	0.005	0.001
Chromium	0.05	0.01
Cyanide	0.15	0.1
Fluoride	2.0	0.1
Chromium (VI)	0.010	0.001
Mercury	0.002	0.001
Nickel	0.1	0.01
Selenium	0.05	0.005
Thallium	0.002	0.001
Perchlorate	0.006	0.004

Table Notes:

- [1]. California Code of Regulation (CCR), Title 22, Section 64431, last updated July 16, 2015.
- [2]. mg/L = milligrams/liter.
- [3]. MFL = million fibers per liter; MCL for fibers exceeding 10μm in length.

Attachment C-2 Radionuclides

Table 64442 ^[1]		
Chemical	Maximum Contaminant Levels (pCi/L ^[2])	Reporting Detection Limit (pCi/L ^[2])
Radium-226	5 pCi/L (combined radium-226 and radium-228)	1
Radium-228		1
Gross Alpha particle activity (excluding radon and uranium)	15	3
Uranium	20	1

Table Notes:

[1]. CCR, Title 22, Section 64442, last updated July 16, 2015.

[2]. pCi/L = picocuries/liter.

Attachment C-3 Radionuclides

Table 64443 ^[1]		
Chemical	Maximum Contaminant Levels (pCi/L ^[2])	Reporting Detection Limit (pCi/L ^[2])
Beta/photon Emitters	4 millirem/year dose equivalent to the total body or any internal organ	Gross Beta particle activity: 4
Strontium-90	8 (=4 millirem/year dose to bone marrow)	2
Tritium	20,000 (=4 millirem/year dose to total body)	1,000

Table Notes:

[1]. CCR, Title 22, Section 64443, last updated July 16, 2015.

[2]. pCi/L = picocuries/liter.

Attachment C-4 Organic Chemicals

Table 64444-A ^[1]		
Chemical	Maximum Contaminant Levels (mg/L ^[2])	Reporting Detection Limit (mg/L ^[2])
(a) Volatile Organic Chemicals		
Benzene	0.001	0.0005
Carbon Tetrachloride (CTC)	0.0005	0.0005
1,2-Dichlorobenzene	0.6	0.0005
1,4-Dichlorobenzene	0.005	0.0005
1,1-Dichloroethane	0.005	0.0005
1,2-Dichloroethane (1,2-DCA)	0.0005	0.0005
1,1-Dichloroethene (1,1-DCE)	0.006	0.0005
Cis-1,2-Dichloroethylene	0.006	0.0005
Trans-1,2-Dichloroethylene	0.01	0.0005
Dichloromethane	0.005	0.0005
1,2-Dichloropropane	0.005	0.0005
1,3-Dichloropropene	0.0005	0.0005
Ethylbenzene	0.3	0.0005
Methyl-tert-butyl-ether (MTBE)	0.013	0.003
Monochlorobenzene	0.07	0.0005
Styrene	0.1	0.0005
1,1,2,2-Tetrachloroethane	0.001	0.0005
Tetrachloroethylene (PCE)	0.005	0.0005
Toluene	0.15	0.0005
1,2,4-Trichlorobenzene	0.005	0.0005
1,1,1-Trichloroethane	0.2	0.0005
1,1,2-Trichloroethane	0.005	0.0005
Trichloroethylene (TCE)	0.005	0.0005

Table 64444-A ^[1]		
Chemical	Maximum Contaminant Levels (mg/L^[2])	Reporting Detection Limit (mg/L^[2])
Trichlorofluoromethane	0.15	0.005
(a) Volatile Organic Chemicals		
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	0.01
Vinyl Chloride	0.0005	0.0005
Xylenes (m,p)	1.75	0.0005
(b) Non-Volatile Synthetic Organic Chemicals		
Alachlor	0.002	0.001
Atrazine	0.001	0.0005
Bentazon	0.018	0.002
Benzo(a)pyrene	0.0002	0.0001
Carbofuran	0.018	0.005
Chlordane	0.0001	0.0001
2,4-D	0.07	0.01
Dalapon	0.2	0.01
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0.00001
Di(2-ethylhexyl)adipate	0.4	0.005
Di(2-ethylhexyl)phthalate	0.004	0.003
Dinoseb	0.007	0.002
Diquat	0.02	0.004
Endothall	0.1	0.045
Endrin	0.002	0.0001
Ethylene Dibromide (EDB)	0.00005	0.00002
Glyphosate	0.7	0.025
Heptachlor	0.00001	0.00001
Heptachlor Epoxide	0.00001	0.00001
Hexachlorobenzene	0.001	0.0005

Table 64444-A ^[1]		
Chemical	Maximum Contaminant Levels (mg/L ^[2])	Reporting Detection Limit (mg/L ^[2])
Hexachlorocyclopentadiene	0.05	0.001
Lindane	0.0002	0.0002
(b) Non-Volatile Synthetic Organic Chemicals		
Methoxychlor	0.03	0.01
Molinate	0.02	0.002
Oxamyl	0.05	0.02
Pentachlorophenol	0.001	0.0002
Picloram	0.5	0.001
Polychlorinated Biphenyls	0.0005	0.0005
Simazine	0.004	0.001
Thiobencarb	0.07	0.001
Toxaphene	0.003	0.001
2,3,7,8-TCDD (Dioxin)	3×10^{-8}	5×10^{-9}
2,4,5-TP (Silvex)	0.05	0.001

Table Notes:

[1]. CCR, Title 22, Section 64444-A, last updated July 15, 2015.

[2]. mg/L = milligrams/liter.

Attachment C-5 Secondary Maximum Contaminant Levels

Table 64449-A ^[1]	
Chemical	Units
Aluminum	0.2 mg/L
Color	150 Units
Copper	1.0 mg/L
Foam Agents (MBAS)	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Methyl-tert-butyl-ether (MTBE)	0.005 mg/L
Odor – Threshold	3 units
Silver	0.1 mg/L
Thiobencarb	0.001 mg/L
Turbidity	5 Units
Zinc	5 mg/L

Table Note:

[1]. CCR, Title 22, Section 64449, last updated July 16, 2015.

Attachment C-6 Disinfection Byproducts

Table 64533-A ^[1]		
Constituent	Maximum Contaminant Levels (mg/L ^[2])	Reporting Detection Limit (mg/L ^[2])
Total Trihalomethanes (TTHM)	0.08	
Bromodichloromethane		0.001
Bromoform		0.001
Chloroform		0.001
Dibromochloromethane		0.001
Haloacetic acid (five) (HAA5)	0.06	
Monochloroacetic acid		0.002
Dichloroacetic acid		0.001
Trichloroacetic acid		0.001
Monobromoacetic acid		0.001
Dibromoacetic acid		0.001

Table Notes:

[1]. CCR, Title 22, Section 64533, Chapter 15.5, last updated July 16, 2015.

[2]. mg/L = milligrams/liter.