SOURCE WATER

(Revised, 9/7/99)

CHEMICAL-PHYSICAL-RADIOLOGICAL-BACTERIOLOGICAL TESTS AND FREQUENCY OF TESTING

GROUP I

PHYSICAL

	MAXIMUM
Color (units)*	15
Odor*	Threshold Odor No.3
Turbidity (units)*	5

GROUP II

CHEMICAL SUBSTANCE 1

	Maximum (mg/L)
Aluminum	0.2
Antimony	0.006
Arsenic	0.05
Asbestos	7 MFL**
Barium	1.0
Beryllium	0.004
Cadmium	0.005
Chloride	250
Chromium	0.05
Copper	1.0
Cyanide	0.2
Fluoride	[see 21 CFR 165.110(b)(4)(ii)]
Iron	0.3
Lead	0.005
Manganese	0.05
Mercury	0.002
Nickel	0.1
Nitrate (as NO3)	45.0
Nitrate & Nitrite (sum as nitrogen)	10.0
Nitrite (as nitrogen)	1.0
Phenols	0.001
Selenium	0.05
Silver	0.05
Sulfate	250
Thallium	0.002
Zinc	5.0

GROUP III

RADIOACTIVITY

	MAXIMUM
Gross Alpha (pCi/L)	**15**
Gross Beta (pCi/L)	**8**

GROUP IV

BACTERIOLOGICAL

		MAXIMUM
Coliforms:	**Multiple Tube method**	**2.2 MPN /100 mL**
	Membrane Filter method	**1 c /100 mL**
	[see 21 CFR 165.110(b)(2)(i) for more details]	

GROUP V

CHEMICAL SUBSTANCE 2

	MAXIMUM, mg/L
Endrin	**0.002**
Lindane	**0.0002**
Methoxychlor	**0.04**
Toxaphene	**0.003**
Total Trihalomethanes (TTHM)* **	**0.01**
2, 4-D	**0.07**
2, 4, 5-TP Silvex	**0.05**
Alachlor	**0.002**
Atrazine	**0.003**
Bentazone	**0.018**
Benzene	**0.001**
Benzo(a)pyrene	**0.0002**
Carbon Tetrachloride	**0.0005**
Carbofuran	**0.018**
Chlordane	**0.0001**
Dalapon	**0.2**
Dibromochloropropane	**0.0002**
1,2-Dichlorobenzene	**0.6**
1,4-Dichlorobenzene	**0.005**
1,1-Dichloroethane	**0.005**
1,2-Dichloroethane	**0.0005**
cis-1,2-Dichloroethylene	**0.006**
trans-1,2-Dichloroethylene	**0.01**
Dichloromethane	**0.005**
1,1-Dichloroethylene	**0.006**
1,2-Dichloropropane	**0.005**
1,3-Dichloropropene	**0.0005**
Di(2-ethylhexyl)apidate	**0.4**
Di(2-ethylhexyl)phthalate	**0.004**

Dinoseb	**0.007**
Diquat	**0.02**
Endothall	**0.1**
Ethylbenzene	**0.7**
Ethylene Dibromide	**0.00005**
Glyphosate	**0.7**
Heptachlor	**0.00001**
Heptachlor Epoxide	**0.00001**
Hexachloro benzene	**0.001**
Hexachlorocyclopentadiene	**0.05**
Molinate	**0.02**
Monochlorobenzene	**0.07**
Oxamyl	**0.2**
Pentachlorophenol	**0.001**
Picloram	**0.5**
Polychlorinated biphenyl	**0.0005**
Simazine	**0.004**
Styrene	**0.1**
2,3,7,8-TCDD (Dioxin)	**3×10^{-8}**
1,1,2,2-Tetrachloroethane	**0.001**
Tetrachloroethylene	**0.005**
Thiobencarb	**0.07**
Toluene	**0.15**
1,2,4-Trichlorobenzene	**0.07**
1,1,1-Trichloroethane	**0.200**
1,1,2-Trichloroethane	**0.005**
Trichloroethylene	**0.005**
Trichlorofluoromethane	**0.15**
1,1,2-Trichloro-1,2,2-Trifluoroethane	**1.2**
Vinyl chloride	**0.0005**
Xylenes (A single isomer or the sum of isomers)	**1.750**

NOTE: ***** **Standard Methods for the Examination of Water and WasteWater**

****** **Million fibers per liter (MFL); MCL for fibers exceeding 10 um in length.**

******* **Total Trihalomethanes (TTHM) includes chloroform, bromodichloromethane, chlorodibromomethane, and bromoform.**

(1) **Each maximum allowable level for Group II, III and V: The lowest acceptable level in the Code of Federal Regulations (Title 21) section 165.110; California Code of Regulations (Title 22) sections 64401-64463.2; or California Health and Safety Code sections 26591.2 and 26593.6.**

(2) Frequency of Testing:

Group I, II, V:	**Every year**
Group III:	**Every 4 years**
Group IV :	**Weekly.**

(3) Analytical Methods: See “Title 21, Code of Federal Regulations Section 165.110(b)”; and "Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992”

REFERENCES:

Federal Register, Volume 60, 57076, 11/13/95; Volume 63, 25764, 5/11/98; Beverages: Bottled Water.

Federal Register, Volume 59, 61529, 12/1/94; Quality Standards for Foods With No Identity Standards: Bottled Water.

The California Health and Safety Code sections 111070 to 111195.

Code of Federal Regulations (Revised 4/1/94) sections 129.1 to 129.80, and 165.110(b).