

**New Jersey Department of Health
Internal Memorandum of Agreement
ATTACHMENT B
New Jersey Bottled Drinking Water Standards**

VOLATILE ORGANIC COMPOUNDS		INORGANIC COMPOUNDS	
CONTAMINANTS	MCL (ug/l or ppb)	CONTAMINANTS	MCL (ug/l or ppb)
Benzene	1.0	Antimony	6.0
Carbon Tetrachloride	2.0	Arsenic	10.0
Meta-Dichlorobenzene	600.0	Asbestos	7x10 ⁶ fibers/l >10 um
Ortho-Dichlorobenzene	600.0	Barium	2000.0
Para-Dichlorobenzene	75.0	Beryllium	4.0
1,1-Dichloroethane	50.0	Cadmium	5.0
1,2-Dichloroethane	2.0	Chromium	100.0
1,1-Dichloroethylene	2.0	Copper	1000.0
Cis-1,2-Dichloroethylene	70.0	Cyanide	200.0
Trans-1,2-Dichloroethylene	100.0	Fluoride	2400.0
1,2-Dichloropropane	5.0	Lead	5.0
Ethylbenzene	700.0	Mercury	2.0
Methyl tertiary Butyl Ether	70.0	Nitrate (as nitrogen)	10000.0
Methylene Chloride	3.0	Nitrite (as nitrogen)	1000.0
Monochlorobenzene	50.0	Nitrate/Nitrite combined	10000.0
Napthalene	300.0	Selenium	50.0
Perfluorononanoic Acid	.013	Thallium	2.0
Perfluorooctanoic Acid	.014	Turbidity	5 NTU
Perfluorooctane Sulfonic Acid	.013		
Styrene	100.0		
1,1,2,2-Tetrachloroethane	1.0		
Tetrachloroethylene	1.0	TOTAL TRIHALOMETHANES (THMs) INCLUDES:	
Toluene	1,000.0	Bromoform	
1,2,4-Trichlorobenzene	9.0	Dibromochloromethane	
1,1,1-Trichloroethane	30.0	Chloroform	
1,1,2-Trichloroethane	3.0	Dichlorobromomethane	
Trichloroethylene	1.0	Sum of the four compounds:	80.0
1,2,3 - Trichloropropane	.03		
Vinyl Chloride	2.0		
Xylenes (total)	1,000.0	Phenols	1.0
Disinfectant/Disinfectant By-Products			
Chlorine	4,000.0		
Chloramine	4,000.0		
Chlorine Dioxide	800.0		
Haloacetic Acids	60.0		
Chlorite	1,000.0		
Bromate	10.0		

KEY: One microgram per liter (ug/l) is equal to one part per billion (ppb).

SYNTHETIC ORGANIC COMPOUNDS		SECONDARY STANDARDS	
CONTAMINANTS	MCL (ug/l or ppb)	PHYSICAL & CHEMICAL CHARACTERISTICS	RECOMMENDED UPPER LIMIT
Alachlor	2.0	Color	10 color units
Atrazine	3.0	Odor	3 threshold odor units
Benzo [a] pyrene	0.2	PH	6.5 to 8.5 (optimum range)
Carbofuran	40.0	Taste	No objectionable taste
Chlordane	0.5	MBAS (foaming agents)	0.5 ppm
Dalapon	200.0	Aluminum	0.2 ppm
Dibromochloropropane	0.2	Chloride	250.0 ppm
Di[2-ethylhexyl] adipate	400.0	Fluoride	2.0 ppm
Di[2-ethylhexyl] phthalate	6.0	Hardness as CaCO ³	250.0 ppm
Dinosep	7.0	Iron	0.3 ppm
Diquat	20.0	Manganese	0.05 ppm
Endothall	100.0	Silver	0.1 ppm
Endrin	2.0	Sodium	50.0 ppm
Ethylene dibromide (ED)	0.05	Sulfate	250.0 ppm
Glyphosate	700.0	Total dissolved solids	500.0 ppm
Heptachlor	0.4	Zinc	5.0 ppm
Heptachlor Epoxide	0.2	MICROBIOLOGICAL STANDARDS	
Hexachlorobenzene	1.0	Total Coliform	Absent by Presence/Absence Method
Hexachlorocyclopentadiene	50.0	RADIONUCLIDES STANDARDS	
Lindane	0.2		MCL in pCi/l (picocuries per liter)
Methoxychlor	40.0	Gross Alpha	15
Oxamyl	200.0	Combined Radium 226 and 228	5
PCBs (Polychlorinated Biphenyls)	0.5		
Pentachlorophenol	1.0		
Picloram	500.0		
Simazine	4.0		
Toxaphene	3.0		
2,3,7,8-TCCD (Dioxin)	3x10 ⁻⁵		
2,4-D (2,4 - Dichlorophenoxyacetic Acid)	70.0		
2,4,5-TP (Silvex)	50.0		

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Microbiological methodology is established in the most recent edition of *Standard Methods for the Examination of Water and Waste Water*.