New Jersey Private Well Testing Act Primary and Secondary Drinking Water Standards

Primary Standards

Volatile Organic Compounds	MCL	Units
Benzene	1	µg/l
Carbon Tetrachloride	2	µg/l
meta-Dichlorobenzene	600	µg/l
ortho-Dichlorobenzene	600	µg/l
para-Dichlorobenzene	75	µg/l
1,1-Dichloroethane	50	µg/l
1,2-Dichloroethane	2	µg/l
1,1-Dichloroethylene	2	µg/l
cis-1,2-Dichloroethylene	70	µg/l
trans-1,2-Dichloroethylene	100	µg/l
1,2-Dichloropropane	5	µg/l
Ethylbenzene	700	µg/l
Methyl tertiary butyl ether	70	µg/l
Methylene Chloride	3	µg/l
Monochlorobenzene	50	µg/l
Napthalene	300	µg/l
Styrene	100	µg/l
1,1,2,2-Tetrachloroethane	1	µg/l
Tetrachloroethylene	1	µg/l
Toluene	1,000	µg/l
1,2,4-Trichlorobenzene	9	µg/l
1,1,1-Trichloroethane	30	µg/l
1,1,2-Trichloroethane	3	µg/l
Trichloroethylene	1	µg/l
Vinyl Chloride	2	µg/l
Xylenes (Total)	1,000	µg/l

Inorganic Compounds	MCL	Units
Mercury	2	µg/l
Nitrates	10,000	µg/l
Arsenic	5	µg/l
Lead*	5	µg/l
Uranium	30	µg/l

** Ground Water Quality Standard NJAC 7:9-6*

Microbiological Compounds	MCL	Units
Total Coliform	0	Pres/abs
E. coli†	0	Pres/abs

† Required if Total Coliform is present

Radiological Compounds	MCL	Units
Gross Alpha (initial)#	--	--
Gross Alpha (final)	15	pCi/L
Adjusted Gross Alpha‡	15	pCi/L

 # Results greater than 5 pCi/L requires a second gross alpha count. The MCL for gross alpha is 15 pCi/L.

‡ Adjusted Gross Alpha = Gross Alpha (pCi/L) - Uranium Alpha Activity (pCi/L). The MCL for Adjusted Gross Alpha is 15 pCi/L. An Adjusted Gross Alpha value should only be calculated when uranium is required/tested.

Secondary Standards

(Primarily Aesthetics)

Secondaries	Standard±	Units
pH	6.5-8.5	Optimum Range
Iron	0.3	mg/l
Manganese	0.05	mg/l

± Standard means Recommended Upper Limit

Units

µg/l = micrograms/liter (ppb)
mg/l = milligrams/liter (ppm)
pCi/l = picocuries/liter
Pres/abs = presence or absence
MCL = Maximum Contaminant Level

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