

WATER QUALITY MONITORING SCHEDULE
Standby well, Community System near development (NSTCD)
UPDATED - April 2018

This schedule contains default frequencies and does not change any approved modified frequencies specific to your water system. Contact your district office if you have any questions.

Chemical - Title 22	MCL (mg/L)	Frequency (1)
Primary Inorganics - Section 64432		
Aluminum	1	Every 9 years
Antimony	0.006	Every 9 years
Arsenic	0.010	Every 9 years
Barium	1	Every 9 years
Beryllium	0.004	Every 9 years
Cadmium	0.005	Every 9 years
Chromium (Total Chromium)	0.05	Every 9 years
Cyanide	0.15	Waived (1)
Fluoride	2.0	Every 9 years
Mercury	0.002	Every 9 years
Nickel	0.1	Every 9 years
Perchlorate	0.006	Every 9 years (2)
Selenium	0.05	Every 9 years
Thallium	0.002	Every 9 years
Asbestos - Section 64432.2		
Asbestos - Source Water	7 MFL	Every 9 years
Asbestos - Distribution System sampling if Asbestos-Cement pipe used	7 MFL	Every 9 years if Aggressive Index \leq 11.5
Nitrate/Nitrite - Section 64432.1		
Nitrate (as N)	10	Every 9 years if \leq 5 mg/L (3)
Nitrite (as nitrogen)	1	Every 9 years if \leq 0.5 mg/L (3)
Nitrate + Nitrite (sum as nitrogen)	10	N/A
Secondary Standards - Table 64449-A		
Aluminum	0.2	Every 9 years
Color	15	Every 9 years
Copper	1.0	Every 9 years
Foaming Agents	0.5	Every 9 years
Iron	0.3	Every 9 years
Manganese	0.05	Every 9 years
Methyl-tert-butyl ether (MTBE)	0.005	Every 9 years
Odor	3	Every 9 years
Silver	0.1	Every 9 years
Thiobencarb	0.001	Waived (1)
Turbidity	5	Every 9 years
Zinc	5	Every 9 years
General Minerals - Section 64449		
Bicarbonate	N/A	Every 9 years
Carbonate	N/A	Every 9 years
Hydroxide Alkalinity	N/A	Every 9 years
Calcium	N/A	Every 9 years
Magnesium	N/A	Every 9 years
Sodium	N/A	Every 9 years
Hardness	N/A	Every 9 years
pH	N/A	Every 9 years
Secondary Standards - Table 64449-B		
TDS	500-1000;1500	Every 9 years
Specific Conductance	900-1600; 2200	Every 9 years
Chloride	250-500;600	Every 9 years
Sulfate	250-500;600	Every 9 years

MCL = Maximum Contaminant Level

Contact your district office with any questions.

- (1) Use waiver granted.
- (2) Perchlorate: If perchlorate has been previously detected, the source shall be monitored annually. In addition, upon activation a sample shall be collected and analyzed, and the analytical result reported to the Division within 48 hours of activation.
- (3) Nitrate/Nitrite sampling: A standby source that has previous monitoring results indicating nitrate or nitrite levels equal to or greater than 50 percent of the MCL shall collect and analyze a sample for nitrate/nitrite annually. In addition, upon activation a sample shall be collected and analyzed for these constituents and the analytical results reported to the Division within 24 hours of activation.

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Chemical - Title 22	MCL (mg/L)	Frequency (6) & (7)
VOCs - Table 64444-A (a)		
Benzene	0.001	Every 9 years
Carbon Tetrachloride	0.0005	Every 9 years
1,2-Dichlorobenzene	0.6	Every 9 years
1,4-Dichlorobenzene	0.005	Every 9 years
1,1-Dichloroethane	0.005	Every 9 years
1,2-Dichloroethane	0.0005	Every 9 years
1,1-Dichloroethylene	0.006	Every 9 years
cis-1,2-Dichloroethylene	0.006	Every 9 years
trans-1,2-Dichloroethylene	0.01	Every 9 years
Dichloromethane	0.005	Every 9 years
1,2-Dichloropropane	0.005	Every 9 years
1,3-Dichloropropene	0.0005	Every 9 years
Ethylbenzene	0.3	Every 9 years
Methyl- <i>tert</i> -butyl ether (MTBE)	0.013	Every 9 years
Monochlorobenzene	0.07	Every 9 years
Styrene	0.1	Every 9 years
1,1,2,2-Tetrachloroethane	0.001	Every 9 years
Tetrachloroethylene (PCE)	0.005	Every 9 years
Toluene	0.15	Every 9 years
1,2,4-Trichlorobenzene	0.005	Every 9 years
1,1,1-Trichloroethane	0.200	Every 9 years
1,1,2-Trichloroethane	0.005	Every 9 years
Trichloroethylene (TCE)	0.005	Every 9 years
Trichlorofluoromethane	0.15	Every 9 years
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2	Every 9 years
Vinyl Chloride	0.0005	Every 9 years
Xylenes (total)	1.750	Every 9 years
SOCs - Table 64444-A (b)		
1,2,3-Trichloropropane (1,2,3-TCP)	0.000005 mg/L	1 sample in 3 years, then every 9 years
Alachlor	0.002	Waived (1)
Atrazine	0.001	Every 9 years
Bentazon	0.018	Waived (1)
Benzo(a)pyrene	0.0002	Waived (1)
Carbofuran	0.018	Waived (1)
Chlordane	0.0001	Waived (1)
2,4-D	0.07	Waived (1)
Dalapon	0.2	Waived (1)
Dibromochloropropane (DBCP)	0.0002	Waived (1)
Di(2-ethylhexyl)adipate	0.4	Waived (1)
Di(2-ethylhexyl)phthalate	0.004	Waived (1)
Dinoseb	0.007	Waived (1)
Diquat	0.02	Waived (1)
Endothall	0.1	Waived (1)
Endrin	0.002	Waived (1)
Ethylene Dibromide (EDB)	0.00005	Waived (1)
Glyphosate	0.7	Waived (1)
Heptachlor	0.00001	Waived (1)
Heptachlor Epoxide	0.00001	Waived (1)
Hexachlorobenzene	0.001	Waived (1)
Hexachlorocyclopentadiene	0.05	Waived (1)
Lindane	0.0002	Waived (1)
Methoxychlor	0.03	Waived (1)
Molinate	0.02	Waived (1)
Oxamyl	0.05	Waived (1)
Pentachlorophenol	0.001	Waived (1)
Picloram	0.5	Waived (1)
Polychlorinated Biphenyls	0.0005	Waived (1)
Simazine	0.004	Every 9 years
Thiobencarb	0.07	Waived (1)
Toxaphene	0.003	Waived (1)
2,3,7,8-TCDD (Dioxin)	0.00000003	Waived (1)
2,4,5-TP (Silvex)	0.05	Waived (1)

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Radiological Monitoring

Radioactivity - Section 64442	MCL	Frequency
Gross Alpha particle activity (excluding radon & uranium)	15 pCi/L	One sample every 9 years
Radium-226	5 pCi/L Combined Radium-226 + -228	When (GA-Uranium) > 5 pCi/L (4)
Radium-228	5 pCi/L Combined Radium-226 + -228	One sample (4)
Uranium	20 pCi/L	When GA > 5 pCi/L (4)
Man Made Radioactivity - Section 64443		
Tritium	20000 pCi/L	Not Required
Strontium	8 pCi/L	Not Required
Gross Beta	50 pCi/L	Not Required

4. Triggered Monitoring

A frequency is generally not assigned to radium-226 or uranium as the monitoring for these constituents is dependent on the gross alpha results.

- a) If the Gross Alpha particle activity is less than or equal to 5 pCi/L, analysis for Uranium is not required.
- b) If the Gross Alpha particle activity for any single sample is greater than 5 pCi/L, analysis for Uranium in that same sample is required. If any single sample for Uranium is greater than 20 pCi/L, contact your district office.
- c) If the Gross Alpha particle activity is > 5 pCi/L, analysis for uranium may be used to obtain the radium-226 activity (GA - Uranium = Radium-226). If GA - Uranium > 0, contact your district office. If GA - Uranium < 0, report only the GA and Uranium results.
- d) The monitoring frequency for Radium-228 will be waived if there is no MCL exceedance.

Important - The analysis for any or all of the constituents noted above should be from the same sample. On the chain-of-custody, uranium can be noted as: 'Hold Uranium (only analyze if GA > 5pCi/L)'.

Contact your district office if the MCL is exceeded, or for clarification on monitoring frequencies.