NEW WELL WATER QUALITY MONITORING SCHEDULE

Comm. System, ≤3300 pop., groundwater/agriculture **(NCSGA)**

UPDATED April 2018

This schedule contains initial monitoring frequencies. Contact your district office after completing the initial monitoring for an updated schedule or if you have any questions.

Chemical - Title 22	MCL (mg/L)	Frequency (1)
Primary Inorganics - Section 64432		
Aluminum	1	Every 3 years
Antimony	0.006	Every 3 years
Arsenic	0.010	Every 3 years
Barium	1	Every 3 years
Beryllium	0.004	Every 3 years
Cadmium	0.005	Every 3 years
Chromium (Total Chromium)	0.05	Every 3 years
Cyanide	0.15	Waived (2)
Fluoride	2.0	Every 3 years
Mercury	0.002	Every 3 years
Nickel	0.1	Every 3 years
Perchlorate	0.006	2 Samples, 5 to 7 months apart, then every 3 years (3)
Selenium	0.05	Every 3 years
Thallium	0.002	Every 3 years
Asbestos - Section 64432.2		
Asbestos - Source Water	7 MFL	Waived (2)
Asbestos - Distribution System sampling if Asbestos-Cement pipe used	7 MFL	Every 9 years if Aggressive Index ≤ 11.5
Nitrate/Nitrite - Section 64432.1		
Nitrate (as N)	10	Annually if ≤ 5 mg/L (4)
Nitrite (as nitrogen)	1	Every 3 years if ≤ 0.5 mg/L (5)
Nitrate + Nitrite (sum as nitrogen)	10	N/A
Secondary Standards - Table 64449-A		
Aluminum	0.2	Every 3 years
Color	15	Every 3 years
Copper	1.0	Every 3 years
Foaming Agents	0.5	Every 3 years
Iron	0.3	Every 3 years
Manganese	0.05	Every 3 years
Methyl-*tert*-butyl ether (MTBE)	0.005	See MTBE frequency on page 2
Odor	3	Every 3 years
Silver	0.1	Every 3 years
Thiobencarb	0.001	Waived (2)
Turbidity	5	Every 3 years
Zinc	5	Every 3 years
General Minerals - Section 64449		
Bicarbonate	N/A	Every 3 years
Carbonate	N/A	Every 3 years
Hydroxide Alkalinity	N/A	Every 3 years
Calcium	N/A	Every 3 years
Magnesium	N/A	Every 3 years
Sodium	N/A	Every 3 years
Hardness	N/A	Every 3 years
pH	N/A	Every 3 years
Secondary Standards - Table 64449-B		
TDS	500-1000;1500	Every 3 years
Specific Conductance	900-1600; 2200	Every 3 years
Chloride	250-500;600	Every 3 years
Sulfate	250-500;600	Every 3 years

MCL = Maximum Contaminant Level **Contact your district office when any result exceeds an MCL.**

(1) Sampling shall be increased to quarterly following any result > MCL.

(2) Use waiver granted.

(3) Perchlorate: For initial monitoring, at least 1 of the 2 samples must be collected during the period from May 1 through Sept 30. If the results in both samples are not detectable (ND), subsequent monitoring frequency will be every 3 years.

(4) Nitrate (as N) sampling shall increase to quarterly following any result ≥ 5 mg/L. Upon request to your distirct office, this may be reduced to an annual frequency after 4 quarters of monitoring.

(5) Nitrite sampling shall be increased to quarterly following any result ≥ 0.5 mg/L. Upon request to your district office, this may be reduced to an annual frequency after 4 quarters of monitoring.

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

(6) This frequency applies only to chemicals for which previous results have shown no detectable results (ND). **Contact your district office after 4 quarters of initial monitoring for a potential waiver.**

(7) Contact **your district** office **within 48 hours of receipt of any result exceeding the MCL** for a special monitoring schedule.

(8) Data substitution of up to 3 quarters of results allowed for initial monitoring compliance. Written request required with hard copy of laboratory report(s). At least 1 of 4 quarters must be sampled in initial monitoring year to comply w/initial monitoring.

Radiological Monitoring

Initial Monitoring Requirements

Radioactivity - Section 64442	MCL	Frequency
Gross Alpha particle activity (excluding radon & uranium)	15 pCi/L	4 quarters initial monitoring * (9)
Radium-226	5 pCi/L Combined Radium-226 + -228	When (GA-Uranium) > 5 pCi/L (10)
Radium-228	5 pCi/L Combined Radium-226 + -228	4 quarters initial monitoring * (9)
Uranium	20 pCi/L	When GA > 5 pCi/L (10)
Man Made Radioactivity - Section 64443		
Tritium	20000 pCi/L	Not Required
Strontium	8 pCi/L	Not Required
Gross Beta	50 pCi/L	Not Required

***** If the results from the first 2 quarters of initial monitoring are below the detection limit for the purposes of reporting (DLR), the final 2 quarters of initial monitoring may be waived.

9. Routine Monitoring

a) Subsequent monitoring frequency for Gross Alpha is based on last sample collected.

Gross Alpha	Monitoring Frequency
Less than 3 pCi/L	1 sample every 9 years
≥ 3 and ≤ 7.5 pCi/L	1 sample every 6 years
> 7.5 and ≤ 15 pCi/L	1 sample every 3 years

b) Subsequent monitoring frequency for Radium-228 will be waived if there is no MCL exceedance.

10. 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, monitor at least 4 quarters for Uranium.

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.

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.