

DRINKING WATER CHEMICAL, PHYSICAL AND BACTERIOLOGICAL TESTING REQUIRED FOR SAN MATEO COUNTY

California Title 22 Primary inorganics (health significant levels)

CHEMICAL OR CHARACTERISTIC	MAXIMUM CONTAMINANT LEVEL (MCL)
Aluminum	1 ppm (parts/million, mg/L)
Antimony	0.006 ppm
Arsenic	0.05 ppm
Barium	1 ppm
Beryllium	0.004 ppm
Cadmium	0.005 ppm
Chromium	0.05 ppm
Cyanide	0.2 ppm
Fluoride	2.0 ppm
Mercury	0.002 ppm
Nickel	0.1 ppm
Nitrate (as NO ₃)	45 ppm
Nitrate + Nitrite (sum as nitrogen)	10 ppm
Nitrite (as nitrogen)	1 ppm
Selenium	0.05 ppm
Thallium	0.002 ppm

Title 22 Secondary inorganics (aesthetic levels)

Aluminum	0.2 ppm (also has primary level)
Copper	1.0 ppm
Iron	0.3 ppm
Manganese	0.05 ppm
Silver	0.1 ppm
Zinc	5.0 ppm

Title 22 Secondary ranges

	Recommended	upper	short term
Total Dissolved Solids	500	<u>1000</u>	1500
Specific Conductance	900	<u>1600</u>	2200
Chlorides	250	<u>500</u>	600
Sulfates	250	<u>500</u>	600

Biological

Coliform bacteria	absent
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Water samples must be collected from clear running water in samples bottles supplied by a certified analytical lab, and tested by a certified analytical lab.

Volatile organic chemicals (voc's) and/or synthetic organic chemicals (soc's), and/or radioactive components testing, and /or asbestos testing may be required based on the water source's vulnerability to these contaminants.

For plumbing installed between 1980 and 1988 you may be vulnerable to increased levels of copper and/or lead. Contact Environmental Health for testing and corrective procedures.