



## STATE SMALL WATER SYSTEM SAMPLING REQUIREMENTS

### **Bacteriological Quality** *California Code Regulations (CCR) Title 22 § 64212*

State Small Water Systems (SSWS) are required to collect bacteriological quality samples **monthly** unless otherwise specified by the Environmental Health Division (Division). The results of the analyses shall be reported to the Division no later than the **10th day of the month** following receipt of the results.

### **Nitrates** *CCR Title 22 § 64431; Ventura County Ordinance Code (VCOC) 4854.2.1*

SSWS are required to submit Nitrate & Nitrite (sum as nitrogen) analytical results to the Division **annually**. When the Primary and Secondary Inorganic analyses are due, a separate Nitrate analysis is not required since Nitrate results will be included in the Primary Inorganic analysis. The Maximum Contaminant Level (MCL) for Nitrate & Nitrite (sum as nitrogen) are provided in the Primary Inorganic Analysis table below.

### **Primary Inorganic MCLs** *CCR Title 22 § 64431; VCOC 4854.2.1*

Primary inorganic chemical monitoring shall be provided **once every three (3) years** unless otherwise specified by the Division.

<b>Chemical</b>	<b>MCL, mg/L</b>
Aluminum	1.
Antimony	0.006
Arsenic	0.010
Barium	1.
Beryllium	0.004
Cadmium	0.005
Chromium (hexavalent)	0.01
Chromium (total)	0.05
Cyanide	0.15
Fluoride	2.0
Mercury	0.002
Nickel	0.1
Nitrate (as nitrogen)	10.
Nitrate+Nitrite (sum as nitrogen)	10.
Nitrite (as nitrogen)	1.
Perchlorate	0.006
Selenium	0.05
Thallium	0.002



## **Secondary Inorganic MCLs** CCR Title 22 § 64449; VCOC 4854.2.1

Secondary inorganic chemical monitoring shall be provided **once every three (3) years** unless otherwise specified by the Division.

<b>Constituents</b>	<b>MCL/Units</b>
Colors	15 Units
Copper	1.0 mg/L
Foaming Agents (MBAS)	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Methyl- <i>tert</i> -butyl ether (MTBE)	0.005 mg/L
Odor-Threshold	3 Units
Silver	0.1 mg/L
Thiobencarb	0.001 mg/L
Turbidity	5 Units
Zinc	5.0 mg/L

<b>Constituents, Units</b>	<b>Recommended MCL</b>	<b>Upper</b>	<b>Short Term</b>
Total Dissolved Solids, mg/L	500	1,000	1,500
Specific Conductance, $\mu$ S/cm	900	1,600	2,200
Chloride, mg/L	250	500	600
Sulfate, mg/L	250	500	600

## **Asbestos and Radioactivity MCLs** CCR Title 22 § 64431; CCR Title 22 § 64441; VCOC 4854.2.1

Asbestos and radiological monitoring shall be required **once every nine (9) years** unless otherwise specified by the Division.

<b>Constituents</b>	<b>MCL/Units</b>
Gross Alpha	15 pCi/L
Asbestos	7 MFL

## **SSWS Sampling Frequency Summary**

<b>Constituents</b>	<b>Frequency</b>
Bacteriological	Monthly
Nitrates	Annually
Primary and Secondary Inorganics	Every Three (3) Years
Asbestos and Radioactivity	Every Nine (9) Years