**APPENDIX B: Regulated Contaminants with Secondary Drinking Water Standards**

Monitoring required by section 64449 of the California Code of Regulations, Title 22.

| **Constituent** | **Secondary MCL(units)** | **To convert to CCR, multiply by** | **MCL in CCR units** | **Typical Source of Contaminant** |
| --- | --- | --- | --- | --- |
| Aluminum | 0.2 mg/L | 1,000 | 200 µg/L | Erosion of natural deposits; residual from some surface water treatment processes |
| Color | 15 Units | - | 15 Units | Naturally-occurring organic materials |
| Copper | 1.0 mg/L | - | 1.0 mg/L | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Foaming Agents [MBAS] | 0.5 mg/L | 1,000 | 500 µg/L | Municipal and industrial waste discharges |
| Iron | 0.3 mg/L | 1,000 | 300 µg/L | Leaching from natural deposits; industrial wastes |
| Manganese | 0.05 mg/L | 1,000 | 50 µg/L | Leaching from natural deposits |
| Methyl-*tert*-butyl ether [MTBE] | 0.005 mg/L | 1,000 | 5 µg/L | Leaking underground storage tanks; discharge from petroleum and chemical factories  |
| Odor---Threshold | 3 Units | - | 3 Units | Naturally-occurring organic materials |
| Silver | 0.1 mg/L | 1,000 | 100 µg/L | Industrial discharges |
| Thiobencarb | 0.001 mg/L | 1,000 | 1 µg/L | Runoff/leaching from rice herbicide |
| Turbidity | 5 Units | - | 5 Units | Soil runoff |
| Zinc | 5.0 mg/L | - | 5.0 mg/L | Runoff/leaching from natural deposits; industrial wastes |
| Total Dissolved Solids [TDS] | 1,000 mg/L | - | 1,000 mg/L | Runoff/leaching from natural deposits |
| Specific Conductance | 1,600 µS/cm | - | 1,600 µS/cm | Substances that form ions when in water; seawater influence |
| Chloride | 500 mg/L | - | 500 mg/L | Runoff/leaching from natural deposits; seawater influence |
| Sulfate | 500 mg/L | - | 500 mg/L | Runoff/leaching from natural deposits; industrial wastes |

Note: There are no PHGs, MCLGs, or mandatory standard health effects language for these constituents because secondary MCLs are set on the basis of aesthetic concerns.