Unregulated Contaminant Monitoring

USEPA requires public water systems to collect data for unregulated constituents in drinking water supplies under the Unregulated Contaminant Monitoring Rule 3. Currently, these constituents have no drinking water standards but may be regulated in the future. More information on this USEPA program can be found at http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3/ index.cfm. EGWD conducted sampling during 2014 and a few constituents were detected; none at any level of human health concern. SCWA also conducted sampling during 2013 and 2014 and several constituents were detected; only chlorate resulted in detection above the associated human health advisory and this is probably attributable to the disinfection process.

| Constituent | EGWD Serv (Ground | | EGWD Serv (SCWA Grou | | EGWD Servio | | Human Health Advisory | Potential Sources |
|----------------------------------|----------------------|-------------------|-------------------------|-------------------|-----------------|-------------------|---|---|
| | Range (ug/L) | Average (ug/L) | Range (ug/L) | Average (ug/L) | Range (ug/L) | Average (ug/L) | | |
| HCFC-22 (chloro-difluoromethane) | ND - 0.09 | ND | ND | N/A | ND | N/A | None | Refrigerant, solvent, and propellant |
| Molybdenum | ND | N/A | ND - 2 | ND | ND | N/A | USEPA Lifetime Health Advisory – 40 ug/L | Naturally-occurring metal |
| Vanadium | ND - 29 | 12.3 | ND - 34 | 15 | ND | N/A | State Board Notification Level – 50 ug/L | Naturally-occurring metal |
| Strontium | 250 – 410 | 348 | 40 - 500 | 218 | 68 - 140 | 101 | USEPA Lifetime Health Advisory – 4,000 ug/L | Naturally-occurring metal |
| Bromomethane | ND | N/A | ND – 2.1 | ND | ND | N/A | USEPA Lifetime Health Advisory – 10 ug/L | Fumigant |
| Chloromethane | ND | N/A | ND - 1 | ND | ND | N/A | USEPA Child 10-Day Health Advisory – 400 ug/L | Foaming agent and possible by-product of water treatment |
| Chlorate | 20 – 190 | 111 | 31–1,200 1 | 179 | 100 – 300 | 163 | State Board Notification Level – 800 ug/L | Oxidant used in pyrotechnics, defoliant, and possible by-product of water treatment |

¹ SCWA's Equine Well (W-63) exceeded the Notification Level for chlorate. The source is unknown, but the well has been taken off-line for repairs and a confirmation sample will be collected

General Information on Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. components associated with service lines and home plumbing. EGWD is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several flushing your tap for 30 seconds to 2 minutes before using water skin damage and circulatory problems. for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

EGWD tests distribution system samples every three years for lead and over ninety-five percent of samples are nondetectable and therefore not reported in the data table.

General Information on Arsenic

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic Lead in drinking water is primarily from materials and standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high hours, you can minimize the potential for lead exposure by concentrations and is linked to other health effects such as

Cryptosporidium in Surface Water

Cryptosporidium is a microbial pathogen found in surface water throughout the U.S. Although filtration removes *Cryptosporidium*, the most commonly-used filtration methods cannot guarantee 100 percent removal. SCWA periodically provides treated surface water to Service Area 2 and their monitoring indicates the low-level presence of these organisms in the source water, the Sacramento River. The water is treated to remove at least 99 percent. Current test methods do not allow SCWA to determine if the organisms are dead or if they are capable of causing disease. Ingestion of Cryptosporidium may cause cryptosporidiosis, an abdominal infection. Symptoms of infection include nausea, diarrhea, and abdominal cramps. NOTE: Exceptions are made for health and safety Most healthy individuals can overcome the disease within a few weeks. However, immuno-compromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immuno-compromised individuals to consult their doctor regarding appropriate precautions to take to avoid infection. Cryptosporidium must be ingested to cause disease, and it may be spread through means other than drinking water.

Emergency Drought Regulations for the Elk Grove Water District

Presently, the EGWD is at Stage 2 Plus – Extreme Water Warning of the District's Water Shortage Contingency Plan. Stage 2 Plus conforms to the emergency conservation resolution adopted by the State Water Resources Control Board on May 5, 2015.

As part of the emergency regulations, EGWD has been ordered to achieve a 28% reduction of water use. On May 13. the EGWD board of directors implemented the following mandatory measures for all customers.

MANDATORY CONSERVATION MEASURES

Irrigation for all properties is limited to the following:

- Addresses ending in an ODD number (1,3,5,7,9) may water landscaping on Tuesday and Friday ONLY.
- Addresses ending in an EVEN number (0,2,4,6,8) may water landscaping on Monday and Thursday ONLY.
- All irrigation is prohibited on Saturday, Sunday and Wednesday.
- No irrigation is permitted during or up to 48 hours after measurable rainfall.
- No irrigation runoff is permitted. Overwatering is prohibited.
- No use of a hose to wash a motor vehicle, unless the hose is fitted with a shut-off nozzle.
- No washing down of driveways and sidewalks.
- No use of potable water in a fountain or decorative water feature, unless the water is recirculated
- No irrigation with potable water of ornamental turf on public street medians.

IN ADDITION

No irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.

Water shall be served only upon request in eating or drinking

Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered

circumstances.

PENALTIES FOR WATER WASTE

First violation: Customer is notified of violation

Second violation: Written warning is sent to customer

Third violation: \$200 fine and customer is scheduled for mandatory water audit

Fourth violation: \$500 fine and a flow restriction device is

Fifth violation: \$500 fine and the water service is shut off. Connection fee assessed to reactivate water service.

Free Landscape Irrigation Audits

Did you know that about 60% of a household's water use is actually used outside the home? Sprinklers can and do break: make sure you are checking your system periodically to ensure it is working well. The EGWD offers FREE landscape irrigation audits to all customers. A certified landscape irrigation auditor will visit your home to assess the effectiveness of your irrigation and provide a report of recommendations to help you water your landscape at peak performance. Interior audits are also available. Call EGWD at 916-685-3556 to schedule your appointment today!

Contact Us

The Elk Grove Water District is located at 9257 Elk Grove Blvd., Elk Grove, CA 95624. Our office hours are 7:30 AM to • All irrigation is prohibited between 10 AM and 8 PM. 5:00 PM, Monday through Thursday, 7:30 AM to 4:00 PM every other Friday. Our calendar is available at http://www.egwd.org/ calendar-current.html. The District number is 916-685-3556.

2014 Drinking Water Consumer **Confidence Report**



Elk Grove Water District

Produced in compliance with State Water Resources Control Board (State Board) Division of Drinking Water guidance

This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien

General Manager's Message

Every community water system is required by law to provide its customers with a water quality report also known as a Consumer Confidence Report (CCR) by July 1 of each year. This report lists the regulated constituents sampled for in our water, as well as some unregulated constituents, and the level at which they were most recently detected in our waters.

EGWD prides itself on providing reliable, high quality drinking water, and an exceptional level of customer care. Information regarding Sacramento County Water Agency's water quality is also provided in this report because a portion of the EGWD's service area receives water purchased under a wholesale contract. Please refer to the map on the next page to determine which agency produces your water.

Throughout the year, hundreds of samples are taken by staff and analyzed by a certified and independent laboratory. The results from these tests are then directly submitted to the State Water Resources Control Board (State Board).

It is a privilege to serve you as Elk Grove's hometown water supplier. If you have any questions about this report, you may call me at (916) 695-3556.

Mark J. Madison

What's in Your Water?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through Hotline (1-800-426-4791). the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in the source water include:

- may come from sewage treatment plants, septic systems, exact times and locations. agricultural livestock operations, and wildlife
- Inorganic contaminants, such as salts and metals, that Manager Mark Madison for assistance. can be naturally-occurring or result from urban stormwater

runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water

Get More Information

Learn more about the Elk Grove Water District by going to www.egwd.org or by attending any of our public monthly meetings. Our board of directors meet on the 4th Wednesday • Microbial contaminants, such as viruses and bacteria, that of the month. Call the water district office at (916) 685-3556 for

If you have specific questions about water quality, call General

The Sources of Your Water

Water for the EGWD system is supplied by two water providers EGWD and Sacramento County Water Agency (SCWA), as

Service Area 1 – Local groundwater from EGWD

Service Area 2 - Local groundwater from SCWA, and potential, but limited amounts of surface water from SCWA

Some wells in both Service Area 1 and 2 are treated to remove iron and manganese. These treatment facilities also remove amounts of other similar constituents, such as arsenic and well water before treatment, so the water that you are provided may have lower levels of some of the reported constituents after treatment.

Source water assessments have been conducted for all the water sources to enable EGWD and SCWA to understand the activities that have the greatest potential for contaminating were assessed in 2002, 2005, and 2009.

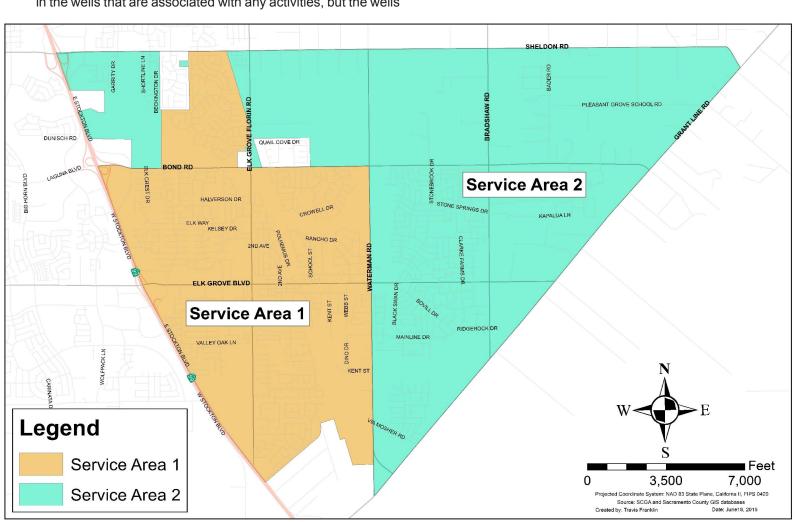
The SCWA groundwater sources were assessed between 2002 and 2009 and the surface water source was evaluated in 2009. These assessments were conducted in accordance with State Board guidelines and copies of the complete assessments are available for review at the respective agency offices.

EGWD and SCWA conducted assessments of their local groundwater wells. There have been no detects of contaminants in the wells that are associated with any activities, but the wells

are considered most vulnerable to; gas stations, boat services, chemical/petroleum pipelines and storage, dry cleaners, electronic manufacturing, fleet/truck/bus terminal, grazing, historic waste dumps/landfills, leaking underground storage tanks, other animal operations, pesticides/fertilizer/petroleum storage transfer areas, photo processing, plastics/synthetics producers, research laboratory, agricultural/irrigation wells, oil/gas wells, wood preserving/treating, and sewer collection

SCWA conducted the evaluation of the Sacramento River surface water source. It was found to be most vulnerable to potential contamination from recreation activities, including barium. Some of the data presented in this report reflects the both body and non-body contact, illegal activities and dumping, stormwater runoff, industrial permitted discharges, and leaking underground storage tanks. The source water is treated using conventional filtration and disinfection that is designed to remove any contaminants.

Service Area 2 is provided treated water from SCWA which is fluoridated. In 2014 fluoride was at optimal levels in the the drinking water supplies. The EGWD groundwater sources SCWA distribution system. The optimal fluoride level and control range for the system is based on an annual average of maximum daily air temperatures. In accordance with Title 22, Section 64433.2 of the State Board regulations, the optimal fluoride level is 0.8 mg/L and the fluoride control range is from 0.7 mg/L - 1.3 mg/L. Information about fluoridation, oral health, and current issues is available from http://www.waterboards ca.gov/drinking water/certlic/drinkingwater/Fluoridation.shtml



| CONSTITUENT | UNITS | PHG or (MCLG) or [MRDLG] | | EGWD Service Area 1 (Groundwater) | | | EGWD Service Area 2 (SCWA Groundwater) | | | EGWD Service | Area 2 (SC | CWA Surface Water) | |
|---|-----------|-----------------------------|---------------|-----------------------------------|-----------------------------------|---------------------------|--|--|--------------|--------------|---------------|--|---|
| | | | MCL or [MRDL] | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVER- | YEAR SAMPLED | MAJOR SOURCES |
| Arsenic | PPB | 0.004 | 10 | ND - 6.2 | 2.9 | 2008, 2014 | ND - 7.5 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits; runoff from orchards |
| Barium | PPM | 2 | 1 | ND - 0.1 | ND | 2006, 2014 | ND - 0.39 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits; wastes from metal refineries |
| Chromium | PPB | (100) | 50 | ND | ND | 2006, 2014 | ND - 11 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits; discharge from pulp mills and chrome plating |
| Hexavalent Chromium | PPB | 0.02 | 10 | ND - 6.2 | 3.9 | 2014 | ND - 10 | 1.2 | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits; discharge from electroplating factories, leather neries, wood preservation, chemical synthesis, refractory production, and to manufacturing facilities |
| Fluoride | PPM | 1 | 2.0 | ND - 0.11 | ND | 2006, 2014 | ND - 0.48 | 0.1 | 2006 - 2014 | ND - 0.1 | ND | 2006 - 2014 | Erosion of natural deposits; water additive that promotes strong teeth |
| Nitrate (as nitrate) | PPM | 45 | 45 | ND - 20 | 9.8 | 2007, 2014 | ND - 15 | 1.6 | 2006 - 2014 | ND | ND | 2006 - 2014 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewi erosion of natural deposits |
| Gross Alpha | pCi/L | (0) | 15 | ND | ND | 2008, 2011, 2012, 2014 | ND - 6.1 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits |
| Radium 226 | pCi/L | 0.05 | 5 | ND | ND | 2008, 2012, 2014 | ND - 2.42 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits |
| Radium 228 | pCi/L | 0.019 | 5 | ND | ND | 2008, 2012, 2014 | ND - 3.18 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits |
| Jranium | pCi/L | 0.43 | 20 | ND | ND | 2008, 2012, 2014 | ND - 6.7 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Erosion of natural deposits |
| Control of Disinfection By-Product Precursors (TOC) (treated water) (a) | PPM | N/A | TT = 2 | NR | N/A | N/A | NR | N/A | N/A | 0.67 - 1.5 | 1.11 | 2014 | Various natural and manmade sources |
| CONSTITUENT | UNITS | PHG OR (MCLG) | MCL | LEVEL F | DUND | YEAR SAMPLED | LEVEL | FOUND | YEAR SAMPLED | LEVEL FOUND | | YEAR SAMPLED | MAJOR SOURCES |
| Furbidity (a) | NTU | N/A | TT = 1 NTU | NR | | N/A | NR | | N/A | 0.276 | | 2014 | Soil runoff |
| arbianty (a) | % Samples | N/A | TT = ≤0.3 NTU | NR | | N/A | N | R | N/A | 100 | | 2014 | Containon |
| Distribution System | Data for | EGWD (| Including | both Servi | ce Area 1 | and Service | e Area 2 | 2) | | | | | |
| CONSTITUENT | UNITS | PHG or (MCLG) or [MRDLG] | MCL or [MRDL] | | RANGE | | | AVERAGE | | YEAR SAN | | PLED | MAJOR SOURCES |
| Chlorine Residual | PPM | [4] | [4] | | 0.69 - 1.26 | | | 0.92 | | | 2014 | | Drinking water disinfectant added for treatment |
| otal Trihalomethanes | PPB | N/A | 80 | | ND - 2.1 | | | 0.7 | | | 2014 | | By-product of drinking water disinfection |
| Haloacetic Acids | PPB | N/A | 60 | | ND - 2.2 | | | 0.55 | 2014 | | | By-product of drinking water disinfection | |
| | UNITS | PHG OR (MCLG) | AL | 90th PERCENTILE | | | | # SAMPLED # EXCEED A | YEAR SAMPLED | | | MAJOR SOURCES | |
| Copper | PPM | 0.3 | 1.3 | 0.29 | | | 32/0 2013 | | | | | Internal corrosion of household plumbing systems; erosion of natural depos | |
| DETECTED SECOND | ARY DF | RINKING | WATER CO | ONSTITUE | NTS regu | lated for ac | esthetic | qualiti <u>e</u> | s | | | | |
| | | | | EGWD S | EGWD Service Area 1 (Groundwater) | | | EGWD Service Area 2 (SCWA Groundwater) EGWD Service Area 2 (SCWA Surface Water | | | | | |
| CONSTITUENT | UNITS | PHG or (MCLG) | MCL | | | | | | I AVED | | MAJOR SOURCES | | |

| | | PHG or (MCLG) | MCL | EGWD Service Area 1 (Groundwater) | | | EGWD Service Area 2 (SCWA Groundwater) | | | EGWD Service A | Area 2 (SC | CWA Surface Water) | |
|------------------------|-------|---------------|-------|-----------------------------------|---------|--------------|--|---------|--------------|----------------|--------------|--------------------|--|
| CONSTITUENT | UNITS | | | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVER- AGE | YEAR SAMPLED | MAJOR SOURCES |
| Iron | PPB | N/A | 300 | ND | ND | 2008, 2014 | ND - 240 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Leaching from natural deposits; industrial wastes |
| Manganese | PPB | N/A | 50 | ND | ND | 2008, 2014 | ND - 28 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Leaching from natural deposits |
| Zinc | PPM | N/A | 5 | ND | ND | 2006, 2014 | ND - 0.08 | ND | 2006 - 2014 | ND | ND | 2006 - 2014 | Runoff/leaching from natural deposits; industrial wastes |
| Total Dissolved Solids | PPM | N/A | 1,000 | 180 - 350 | 250 | 2006, 2014 | 76 - 530 | 208 | 2006 - 2014 | 88 - 120 | 103 | 2006 - 2014 | Runoff/leaching from natural deposits |
| Specific Conductance | μS/CM | N/A | 1,600 | 220 - 500 | 330 | 2006, 2014 | 100 - 815 | 276 | 2006 - 2014 | 160 - 200 | 173 | 2006 - 2014 | Substances that form ions when in water |
| Sulfate | PPM | N/A | 500 | ND - 12 | 6.7 | 2006, 2014 | ND - 11 | 2 | 2006 - 2014 | 5.2 - 7.1 | 6.2 | 2006 - 2014 | Runoff/leaching from natural deposits; industrial wastes |
| Chloride | PPM | N/A | 500 | 5 - 21 | 12 | 2006, 2014 | 3 - 200 | 14.9 | 2006 - 2014 | 6.4 - 7.8 | 7.1 | 2006 - 2014 | Runoff/leaching from natural deposits |
| Color | Units | N/A | 15 | ND | ND | 2006, 2014 | ND - 5 | 1.4 | 2006 - 2014 | ND | ND | 2006 - 2014 | Naturally-occurring organic materials |
| Turbidity | NTU | N/A | 5 | ND - 0.4 | 0.1 | 2006, 2014 | ND - 0.6 | ND | 2006 - 2014 | 0.022 - 0.276 | 0.03 | 2014 | Soil runoff |
| Odor | TON | N/A | 3 | ND - 1 | ND | 2006, 2014 | ND - 3 | 2 | 2006 - 2014 | 1 | 1 | 2006 - 2014 | Naturally-occurring organic materials |

| | | | | | | | | | | | | | 1 |
|--|-------|---------------|-----------------------------------|-----------|---------|--------------|--|---------|--------------|-----------|--------------------|--------------|--|
| DETECTED UNREGULATED DRINKING WATER CONSTITUENTS (b) | | | | | | | | | | | | | |
| | | | EGWD Service Area 1 (Groundwater) | | | EGWD Servi | EGWD Service Area 2 (SCWA Groundwater) | | | | CWA Surface Water) | | |
| CONSTITUENT | UNITS | PHG or (MCLG) | NL | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVERAGE | YEAR SAMPLED | RANGE | AVER- | YEAR SAMPLED | MAJOR SOURCES |
| Hardness | PPM | N/A | NONE | 72 - 230 | 147 | 2006, 2014 | 13 - 420 | 74 | 2006 - 2014 | 54 - 74 | 63 | 2006 - 2014 | The sum of polyvalent cations present in the water, generally naturally occurring magnesium and calcium |
| Bicarbonate Alkalinity | PPM | N/A | NONE | 120 - 270 | 192 | 2006, 2014 | 40 - 280 | 135 | 2006 - 2014 | 60 - 99 | 82 | 2006 - 2014 | The measurement of the ion contributing to the ability to neutralize acids in water |
| Sodium | PPM | N/A | NONE | 18 - 23 | 20.4 | 2006, 2014 | 12 - 63 | 29 | 2006 - 2014 | 11 - 15 | 12 | 2006 - 2014 | Naturally occurring salt in the water |
| Calcium | PPM | N/A | NONE | 15 - 42 | 27.2 | 2006, 2014 | 3.3 - 97 | 15 | 2006 - 2014 | 11 - 15 | 13 | 2006 - 2014 | Erosion of natural deposits |
| Magnesium | PPM | N/A | NONE | 8.6 - 31 | 19.3 | 2006, 2014 | ND - 42 | 8.2 | 2006 - 2014 | 6.1 - 8.7 | 7.3 | 2006 - 2014 | Erosion of natural deposits |
| Aggressive Index | Units | N/A | NONE | 12 - 13 | 12.3 | 2014 | 11 - 13 | 11.73 | 2006 - 2014 | 11 - 12 | 11.25 | 2006 - 2014 | Natural or industrially-influenced balance of hydrogen, carbon, and oxygen in the water: affected by temperature and other factors |
| Radon 222 | pCi/L | N/A | NONE | 311 - 491 | 401 | 2011 | NR | N/A | N/A | NR | N/A | N/A | Erosion of natural deposits |
| Radon 222 | pCi/L | N/A | NONE | 311 - 491 | 401 | 2011 | NR | N/A | N/A | NR | N/A | N/A | Erosion of natural deposits |

(a)--Only surface water sources must comply with PDWS for Control of Disinfection By-Product Precursors and turbidity

(b)--Unregulated contaminant monitoring helps determine where certain contaminants occur and whether they need to be regulated.

The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

Water Quality Definitions

Maximum Contaminant Level (MCL) — The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Public Health Goal (PHG) — The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection

Maximum Contaminant Level Goal (MCLG) — The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standard (PDWS) — MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Treatment Technique (TT) — A required process intended to reduce the level of a contaminant

Regulatory Action Level (AL) — The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Notification Level (NL) — Health-based advisory level set by the State Board for constituents with no MCL. This is not an enforceable standard, although requirements and recommendations may apply if detected above this level.

PPM – Parts per million

PPB - Parts per billion

pCi/L - Picocuries per liter

NTU - Nephelometric turbidity unit

TT – Treatment technique

A Note for Sensitive Populations

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Important Information about Radon

Radon is a radioactive gas that you cannot see, taste or smell. It is found throughout the United States. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will, in most cases, be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. You should pursue radon removal for your home if the level of radon in your air is 4 picocuries per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that are not too costly. For additional information, call the California Radon Program (1-800-745-7236), the USEPA Safe Drinking Water Act Hotline (1-800-426-4791), or call the National Safety Council Radon Hotline at (1-800-767-7236).