



2022 Annual
**WATER QUALITY
REPORT**

Monterey Water System
PWS ID: CA2710004

**QUALITY. ONE MORE WAY
WE KEEP LIFE FLOWING.**



**CALIFORNIA
AMERICAN WATER**

WE KEEP LIFE FLOWING®

What is a Consumer Confidence Report (CCR)

Once again, we proudly present our Annual Water Quality Report, also referred to as a Consumer Confidence Report (CCR). CCRs let consumers know what contaminants, if any, were detected in their drinking water as well as related potential health effects. CCRs also include details about where your water comes from and how it is treated. Additionally, they educate customers on what it takes to deliver safe drinking water and highlight the need to protect drinking water sources.

We are committed to delivering high quality drinking water service. To that end, we remain vigilant in meeting the challenges of source water protection, water conservation, environmental compliance, sustainability and community education while continuing to serve the needs of all our water users.

This report contains important information about your drinking water. Translate it, or speak with someone who understands it at 1-888-237-1333.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien al 1-888-237-1333.

Ntawm no yog ib co lus qhia tseem ceeb heev txog koj cov dej seb huv npaum li cas. Yog tias koj xav tau kev pab txhais cov lus qhia no, thov hu rau peb ntawm 1-888-237-1333.

這是關於您的水質的十分重要的資訊。如果您需要幫助翻譯此資訊請致電 **1-888-237-1333** 與我們聯繫。

आपके पानी की गुणवत्ता के बारे में यह बहुत महत्वपूर्ण सूचना है। यदि इस सूचना के अनुवाद के लिए आपको सहायता की जरूरत हो, तो कृपया **1-888-237-1333** र हमें काल करें।

Это очень важная информация о качестве Вашей воды. Если Вам требуется перевод этой информации, позвоните нам по телефону 1-888-237-1333.

Ito ay isang napakahalagang impormasyon tungkol sa kalidad ng iyong tubig. Kung iyong kailangan ng tulong sa pagsalin ng impormasyon na ito, mangyaring tumawag sa amin sa 1-888-237-1333.

Đây là thông tin rất quan trọng về chất lượng nước của quý vị. Nếu quý vị cần thông dịch thông tin này, xin gọi chúng tôi theo số 1-888-237-1333.

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A message from California American Water's President



KEVIN TILDEN

President
California American Water

Dear California American Water Customer,

Our top priority is providing safe, reliable drinking water to nearly 700,000 people. Most people take their water quality for granted in the United States and expect clean water to be always available.

I believe this expectation is affirmation of the hard work and investment we and other water utilities across the country have made in providing this essential service. California American Water remains committed to the delivery of safe, reliable water. We have rigorous safeguards in place to help provide water to you that meets or surpasses increasingly stringent water quality standards.

Across California, we conducted approximately 650 different types of tests on more than 25,000 water samples for nearly 3,000 constituents last year. We are proud and pleased to confirm that those tests showed that we met every primary and secondary state and federal water quality standard.

SERVICE: Last year, we invested more than \$109 million in water infrastructure in the California communities we serve. This investment helps maintain the safety and reliability of the facilities and technology needed to draw, treat, and distribute water. This investment also helps bolster our conservation efforts and strengthen our wildfire resiliency across the state.

VALUE: While costs to provide water service continue to increase across the country, our investments help us provide high quality water service that remains an exceptional value for such an essential service.

California American Water also offers a variety of Customer Assistance Programs and Conservation services to help our customers. If you have any questions or concerns, you can contact us by phone, email, online at www.californiaamwater.com, or in person at our local Customer Center. Please take the time to review this report as it provides details about the source and quality of your drinking water, using data from water quality testing conducted for your local system between January and December 2022.

Kevin Tilden
California American Water

This report contains important information about your drinking water. Translate it or speak with someone who understands it at (888) 237-1333, Monday-Friday, 7 a.m. to 7 p.m.



ATTENTION: Landlords and Apartment Owners

Please share a copy of this notice with your tenants. It includes important information about their drinking water quality.



Mark of
Excellence



EVERY STEP OF THE WAY.

Our team monitors and tests your water at multiple points throughout our process of drawing it from its source, treating it to meet drinking water standards, and distributing it through our pipeline systems. **In fact, American Water performs over one million tests annually for about 100 regulated contaminants, nationwide.**



EXPERTISE. RECOGNIZED AT THE HIGHEST LEVEL.

American Water is an expert in water quality testing, compliance and treatment and has established industry-leading water testing facilities. Our dedicated team of scientists and researchers are committed to finding solutions for water quality challenges and implementing new technologies. American Water is recognized as an industry leader in water quality and works cooperatively with the EPA so that drinking water standards and new regulations produce benefits for customers and public water suppliers. American Water has earned awards from the EPA's Partnership for Safe Water as well as awards for superior water quality from state regulators, industry organizations, individual communities, and government and environmental agencies.



WATER QUALITY. DOWN TO A SCIENCE.

Our team also has access to American Water's Central Laboratory in Belleville, Illinois, which conducts sophisticated drinking water testing and analysis. American Water scientists refine testing procedures, innovate new methods, and set new standards for detecting potentially new contaminants—even before regulations are in place.



MAINTAINING QUALITY FOR FUTURE GENERATIONS.

Just as California American Water is investing in research and testing, we also understand the importance of investing in the infrastructure that provides high-quality water service to you. Last year alone, **we invested more than \$85 million to improve our water and wastewater treatment and pipeline systems.**

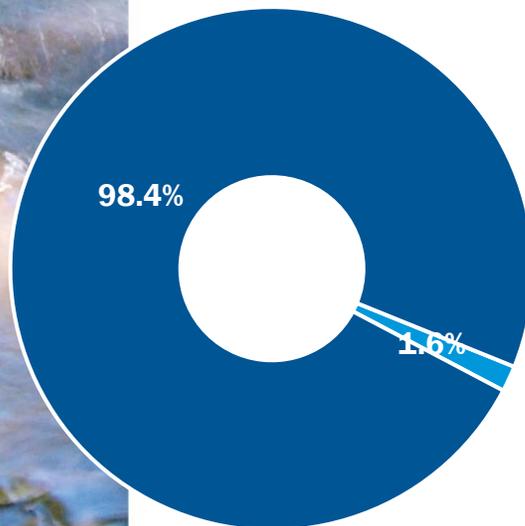
About Your Drinking Water Supply

WHERE YOUR WATER COMES FROM

Monterey is served by three sources: groundwater sources from the Santa Margarita, Paso Robles, and Carmel Alluvial aquifers, surface water from the Sand City Desalination Plant, and groundwater recharged by the Pure Water Monterey Project.

Drinking water treatment technologies used in the system include reverse osmosis, iron and manganese removal, corrosion control, and disinfection for bacteriological quality. The water supply is distributed for residential and commercial use in the communities of Carmel-by-the-Sea, Carmel Highlands, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove, Pebble Beach, Sand City, Seaside, Ryan Ranch business park and Bishop.

An assessment of the drinking water sources for the California American Water - Monterey water system was completed in February 2003. This assessment is an evaluation of drinking water sources to determine the “possible contaminating activities” (PCAs) to which a source is most vulnerable. PCAs are current or historic human activities that are actual or potential origins of contamination for a drinking water source. PCAs include activities that use, store, produce or dispose of chemicals that have the potential to contaminate drinking water supplies. A copy of the completed assessment may be viewed at California American Water, 511 Forest Lodge Road, Suite 100, Pacific Grove, CA.



SOURCE OF SUPPLY FOR THE SYSTEM

- Surface Water
- Groundwater



QUICK FACTS ABOUT THE MONTEREY WATER SYSTEM

Communities served:

Carmel-by-the-Sea, Carmel Highlands, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove, Pebble Beach, Sand City, Seaside. Monterey system also serves Ryan Ranch business park and Bishop area.

Water source:

Groundwater wells in Carmel Valley, Groundwater Wells in Seaside, Sand City Desal Plant, and Groundwater recharged by Pure Water Monterey Project

Water treatment:

Selection of treatment technologies was based on the quality of source waters. Treatment technologies used in the system include reverse osmosis, GAC filtration, iron and manganese removal and corrosion control. The treated water is disinfected with chlorine for bacteriological quality before distributed for customers' consumption.



What are the Sources of Contaminants?

To provide tap water that is safe to drink, EPA and the State Water Resources Control Board prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must 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 Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, aquifers and/or groundwater. As water travels over the surface of the land or through 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.

SPECIAL HEALTH INFORMATION

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. EPA/Centers for Disease Control and Prevention (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 (800-426-4791).

CONTAMINANTS THAT MAY BE PRESENT IN SOURCE WATER INCLUDE:

Microbial Contaminants	such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
Inorganic Contaminants	such as salts and metals, which can be naturally occurring or may result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
Pesticides and Herbicides	which may come from a variety of sources, such as agriculture, urban storm water runoff, and residential uses.
Organic Chemical Contaminants	including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also, come from gas stations, urban storm water runoff, and septic systems.
Radioactive Contaminants	which can be naturally occurring or may be the result of oil and gas production and mining activities.



Protecting Your Drinking Water Supply

Protecting drinking water at its source is an important part of the process to treat and deliver high quality water. It takes a community effort to protect our shared water resources. This includes utilities, businesses, residents, government agencies and organizations. Everyone who lives, works, and plays in the area has a role and stake in clean water supplies.

WHAT CAN YOU DO?

Quality drinking water starts upstream. Everyone can help maintain and improve drinking water supplies through the following actions:

- Properly dispose of pharmaceuticals, household chemicals, oils and paints. Materials can impact water ways if poured down the drain, flushed down the toilet, or dumped on the ground.
- Check for leaks from automobiles and heating fuel tanks. Clean up any spills using an absorbent material like cat litter. Sweep up the material and put it in a sealed bag. Check with the local refuse facility for proper disposal.
- Clean up after your pets and limit the use of fertilizers and pesticides.
- Take part in watershed activities.

Report any spills, illegal dumping or suspicious activity to California Governor's Office of Emergency Services (Cal OES) Warning Center here: (800) 852-7550

FOR MORE INFORMATION

To learn more about your water supply and local activities, visit us online at californiaamwater.com or contact the regional Source Water Protection Lead, Dr. Jack Wang, at 831-646-3269..

WHAT ARE WE DOING?

Here are a few of the efforts underway to protect our shared water resources:



Community Involvement: We have a proactive public outreach program to help spread the word and get people involved. This includes school education, contests, and other community activities.



Environmental Grant Program: Each year, we fund projects that improve water resources in our local communities.

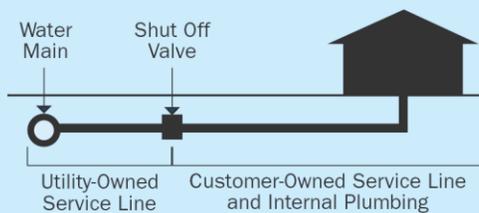


Pharmaceutical Collection: We sponsor drop box locations across the state for residents to safely dispose of unwanted drugs for free. This helps keep pharmaceutical products from entering water supplies.

About Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. American Water 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 hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water 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>.

UTILITY-OWNED VS. CUSTOMER-OWNED PORTION OF THE SERVICE LINE



Please note: This diagram is a generic representation. Variations may apply.

The most common source of lead in tap water is from the customer's plumbing and their service line.

Our water mains are not made of lead; however, the water service line that carries the water from the water main in the street to your home could be. Homeowners' service lines may be made of lead, copper, galvanized steel or plastic. You can assess your service line material where it enters your home, typically in your basement, crawl space or garage, near the inlet valve.

MINIMIZING YOUR POTENTIAL EXPOSURE

You cannot see, smell or taste lead, and boiling water will not remove lead. Here are steps you can take to reduce your potential exposure if lead exists in your home plumbing.

CHECK YOUR PLUMBING AND SERVICE LINE

If you live in an older home, consider having a licensed plumber check your plumbing for lead. If your service line is made of lead, and you're planning to replace it, be sure to contact us at 1-888-237-1333.



1. Flush your taps. The longer the water lies dormant in your home's plumbing, the more lead it might contain. If the water in your faucet has gone unused for more than six hours, flush the tap with cold water for 30 seconds to two minutes before drinking or using it to cook. To conserve water, catch the running water and use it to water your plants.



2. Use cold water for drinking and cooking. Hot water has the potential to contain more lead than cold water. If hot water is needed for cooking, heat cold water on the stove or in the microwave.



3. Routinely remove and clean all faucet aerators.



4. Look for the "Lead Free" label when replacing or installing plumbing fixtures.



5. Follow manufacturer's instructions for replacing water filters in household appliances, such as refrigerators and ice makers, as well as home water treatment units and pitchers. Look for NSF 53 certified filters.



6. Flush after plumbing changes. Changes to your service line, meter, or interior plumbing may result in sediment, possibly containing lead, in your water supply. Remove the strainers from each faucet and run the water for 3 to 5 minutes.

Determining Your Service Line Material

Homeowners' service lines are most commonly made of lead, copper, galvanized steel or plastic. Homes built before 1930 are more likely to have lead plumbing systems.

There are different ways that you can determine if you have a lead service line.

- You can access your service line material where it enters your home, typically in your basement, crawl space or garage, near the inlet valve and identify the pipe material using the chart on the right.
- A licensed and insured plumber can inspect your pipes and plumbing.
- Lead test kits can be purchased at local hardware and home improvement stores. These kits are used to test paint, but can also be used to test pipe – not the water inside. Look for an EPA recognized kit. Wash your hands after inspecting plumbing and pipes.

TYPES OF PIPE

	<ul style="list-style-type: none">• Galvanized: A dull, silver-gray color. Use a magnet - strong magnets will typically cling to galvanized pipes.
	<ul style="list-style-type: none">• Copper: The color of a copper penny.
	<ul style="list-style-type: none">• Plastic: Usually white, rigid pipe that is jointed to water supply piping with a clamp. Note: It can be other colors, including blue and black.
	<ul style="list-style-type: none">• Lead: A dull, silver-gray color that is easily scratched with a coin. Use a magnet - strong magnets will <u>not</u> cling to lead pipes.

YOUR SERVICE LINE MATERIAL

Please note if your service lines contain lead, it does not mean you cannot use water as you normally do. California American Water regularly tests for lead in drinking water and our water meets state and federal water quality regulations, including those set for lead.

For more information on lead in drinking water, please visit <https://www.amwater.com/caaw/Water-Quality-Wastewater-Information/Lead-and-Drinking-Water>

Important Information About **Drinking Water**

NITRATES

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

ARSENIC

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic 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 concentrations and is linked to other health effects such as skin damage and circulatory problems.

Most of the arsenic in the source water is removed at the Luzern treatment plant and represents less than 1% of the total water supplied to the system.





Important Information About **Drinking Water**

FLUORIDE

Fluoride is a naturally occurring substance. It can be present in drinking water from two sources:

1. **By nature** when groundwater comes into contact with fluoride-containing minerals naturally present in the earth; or
2. **By a water purveyor** through addition of fluoride to the water they are providing in the distribution system.

The Monterey Water System does not fluoridate its water. The system has naturally-occurring fluoride in its groundwater sources at an average level of 0.24 parts per million (ppm). If you have any questions on fluoride, please call California American Water's Customer Service Center at 1-888-237-1333



Water Quality Results

WATER QUALITY STATEMENT

We are pleased to report that during calendar year 2022, the results of testing of your drinking water complied with all state and federal drinking water requirements.

For your information, we have compiled a list in the table below showing the testing of your drinking water during 2022. The Division of Drinking Water allows us to monitor for some contaminants less than once per year because the concentration of the contaminants does not change frequently. Some of our data, though representative, are more than one year old.

OTHER INFORMATION

In 2022 we received a citation for noncompliance for failure to test all backflow prevention assemblies annually. See the section **Public Notification** after the tables.

Definition of Terms

These are terms that may appear in your report.

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

DDW: Division of Drinking Water

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

LRAA: Locational Running Annual Average

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. Secondary MCLs (SMCL) are set to protect the odor, taste, and appearance of drinking water.

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 allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL): The highest level of 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.

MFL: Million fibers per liter.

micromhos per centimeter ($\mu\text{mhos/cm}$): A measure of electrical conductance.

NA: Not applicable

N/A: No data available

ND: Not detected

Nephelometric Turbidity Units (NTU): Measurement of the clarity, or turbidity, of the water.

Notification Level (NL): The concentration of a contaminant, which, if exceeded, requires notification to DDW and the consumer. Not an enforceable standard.

pH: A measurement of acidity, 7.0 being neutral.

picocuries per liter (pCi/L): Measurement of the natural rate of disintegration of radioactive contaminants in water (also beta particles).

parts per billion (ppb): One part substance per billion parts water, or micrograms per liter.

parts per million (ppm): One part substance per million parts water, or

milligrams per liter.

parts per trillion (ppt): One part substance per trillion parts water, or nanograms per liter.

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

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 EPA.

RAA: Running Annual Average

Secondary Maximum Contaminant Level (SMCL): Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

SWRCB: State Water Resources Control Board

TON: Threshold Odor Number

Total Dissolved Solids (TDS): An overall indicator of the amount of minerals in water.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Variations and Exemptions: State or EPA permission not to meet an MCL or utilize a treatment technique under certain conditions.

%: Percent

MEASUREMENTS

Parts Per Million



in a 10 gallon fish tank

Parts Per Billion



in a 10,000 gallon swimming pool

Parts Per Trillion



in 35 junior size Olympic pools

Water Quality Results

California American Water conducts extensive monitoring to determine if your water meets all water quality standards. The detections of our monitoring are reported in the following tables. While most monitoring was conducted in 2022, certain substances are monitored less than once per year because the levels do not change frequently. For help with interpreting the tables below, see the “Definition of Terms” on the previous page. Some unregulated substances are measured, but maximum contaminant levels have not been established by the government. These contaminants are shown for your information.

NOTE: Regulated contaminants not listed in this table were not found in the treated water supply.

LEAD AND COPPER MONITORING PROGRAM for Monterey – At least 30 tap water samples collected at customers’ taps every 3 years

Substance (with units)	Year Sampled	Compliance Achieved	MCLG /PHG	Action Level (AL)	90 th Percentile	No. of Homes Sampled	Homes Above Action Level	Typical Source
Lead (ppb)	2021	Yes	0.2	15	2	30	0	Corrosion of household plumbing systems.
Copper (ppm)	2021	Yes	0.3	1.3	0.525	30	0	Corrosion of household plumbing systems.

LEAD AND COPPER MONITORING PROGRAM for Bishop - At least 10 tap water samples collected at customers’ taps every 3 years

Substance (with units)	Year Sampled	Compliance Achieved	MCLG /PHG	Action Level (AL)	90 th Percentile	No. of Homes Sampled	Homes Above Action Level	Typical Source
Lead (ppb)	2020	Yes	0.2	15	1	10	0	Corrosion of household plumbing systems.
Copper (ppm)	2020	Yes	0.3	1.3	0.406	10	0	Corrosion of household plumbing systems.

LEAD AND COPPER MONITORING PROGRAM for Ryan Ranch - At least 10 tap water samples collected at customers’ taps every 3 years

Substance (with units)	Year Sampled	Compliance Achieved	MCLG /PHG	Action Level (AL)	90 th Percentile	No. of Homes Sampled	Homes Above Action Level	Typical Source
Lead (ppb)	2021	Yes	0.2	15	ND	10	0	Corrosion of household plumbing systems.
Copper (ppm)	2021	Yes	0.3	1.3	0.474	10	0	Corrosion of household plumbing systems.

Note: Lead and Copper results were from sampling events in Monterey, Ryan Ranch and Bishop as separate systems prior to 2022. Sampling as a consolidated system will take place in 2023.

DISINFECTION BYPRODUCTS - Collected in the Distribution System

Substance (with units)	Year Sampled	Compliance Achieved	MCLG	MCL	Highest LRAA	Range Detected	Typical Source
Total Trihalomethanes (TTHMs) (ppb)	2022	Yes	NA	80	65	13.1 to 72.9	By-product of drinking water disinfection.
Haloacetic Acids (HAAs) (ppb)	2022	Yes	NA	60	24	2.4 to 31.6	By-product of drinking water disinfection.

NOTE: Compliance is based on the running annual average at each location (LRAA). The Highest LRAA reflects the highest average at any location and the Range Detected reflects all samples used to calculate the running annual averages.

DISINFECTANTS - Collected in the Distribution System

Substance (with units)	Year Sampled	Compliance Achieved	MRDLG	MRDL	Minimum Chlorine Residual	Compliance Result	Range Detected	Typical Source
Distribution System Chlorine Residual (ppm) ¹	2022	Yes	4	4	0.07	1.13	0.07 to 2.3	Water additive used to control microbes.

1 - Data represents chlorine residuals measured throughout our distribution system. Compliance result represents the highest running annual average.

REVISED TOTAL COLIFORM RULE - At least 120 samples collected each month in the distribution system

Substance (with units)	Year Sampled	Compliance Achieved	MCLG	MCL	Highest Percentage	Typical Source
Total Coliform ¹	2022	Yes	0	*TT = Less than 5%	0.81%	Naturally present in the environment.

NOTE: Coliforms are bacteria that are naturally present in the environment and are used as an indicator of the general bacteriological quality of the water. We are reporting the highest percentage of positive samples of positive samples in any month.

¹ The Treatment Technique for Total Coliforms requires that if the maximum percentage of total coliform positive samples is exceeded a system assessment must be conducted. For any sanitary defects identified, corrective actions must be completed. Additional Level 1 Assessments or Level 2 Assessments are required depending on the circumstances.

TURBIDITY - Continuous Monitoring at Sand City Treatment Plant

Substance (with units)	Year Sampled	Compliance Achieved	MCLG	MCL	Highest Single Measurement and Lowest Monthly % of Samples ≤ 0.1 NTU	Sample Date of Highest and Lowest Compliance Result	Typical Source
Turbidity (NTU)	2022	Yes	0	TT: Single result >1 NTU	0.11	03/27/2022	Soil runoff.
	2022	Yes	NA	TT: At least 95% of samples ≤ 0.1 NTU	96.43%	March 2022	Soil runoff.

OTHER PRIMARY REGULATED SUBSTANCES - Collected at the Treatment Plant Effluent and/or the Sources

Substance (with units)	Year Sampled	Compliance Achieved	MCLG/PHG	MCL	Highest Compliance Result	Range Detected	Typical Source
Gross Alpha Particle Activity (pCi/L)	2015-2022	Yes	(0)	15	4.5	ND - 4.5	Erosion of natural deposits
Radium 228 (pCi/L)	2015-2021	Yes	0.019	5	1.42	ND - 1.42	Erosion of natural deposits
Uranium (pCi/L)	2014-2021	Yes	0.43	20	4.05	ND - 4.05	Erosion of natural deposits
Arsenic (ppb)	2022	Yes	0.004	10	6	ND - 6	Erosion of natural deposits
Fluoride (naturally occurring) (ppm)	2022	Yes	1	2.0	0.54	ND - 0.54	Erosion of natural deposits
Mercury (ppb) ¹	2022	Yes	1.2	2	1.3	ND - 1.3	Erosion of natural deposits
Nitrate as N (ppm)	2022	Yes	10	10	6.87	ND - 6.87	Erosion of natural deposits
Selenium (ppb)	2022	Yes	30	50	17	ND - 17	Erosion of natural deposits

SECONDARY REGULATED SUBSTANCES - Collected at the Treatment Plant Effluent and/or the Sources

Substance (with units)	Year Sampled	Compliance Achieved ¹	SMCL	Average Compliance Result	Range Detected	Typical Source
Chloride (ppm)	2022	Yes	500	53	8 - 191	Leaching from natural deposits
Odor (Units)	2022	Yes	3	0.2	ND - 1.3	Naturally-occurring organic materials
Iron (ppb)	2022	Yes	300	83	ND - 720	Leaching from natural deposits
Manganese (ppb)	2022	Yes	50	2	ND - 19	Leaching from natural deposits
Specific Conductance (mmhos/cm)	2022	Yes	1600	530	250 - 1000	Substances that form ions when in water
Sulfate (ppm)	2022	Yes	500	61	23 - 98	Leaching from natural deposits
Total Dissolved Solids (ppm)	2022	Yes	1000	317	160 - 590	Leaching from natural deposits

1 - Yes: There are no PHGs, MCLGs, or mandatory standard health effects language for Secondary Substances because secondary MCLs are set based on aesthetic concerns

ADDITIONAL WATER QUALITY PARAMETERS OF INTEREST - Collected at the Treatment Plant Effluent and/or the Sources

Substance (with units)	Year Sampled	Average Result	Range Detected	Typical Source
Alkalinity as CaCO ₃ (ppm)	2022	149	86 - 221	Natural occurring
Boron (ppm)	2022	0.3	ND - 1.0	Leaching from natural deposits
Calcium (ppm)	2022	45	21 - 70	Leaching from natural deposits
Magnesium (ppm)	2022	13	ND - 24	Leaching from natural deposits
pH (pH Units)	2022	7.30	6.28 - 8.10	Controlled by water treatment
Sodium (ppm)	2022	45	15 - 131	Natural occurring and treatment chemical additive for pH control
Strontium (ppb)	2022	223	ND - 400	Leaching from natural deposits
Total Hardness as CaCO ₃ (ppm)	2022	159	91 - 250	Natural occurring
Total Hardness as Grains per Gallon (gpg)	2022	9	5 - 15	Natural occurring
Vanadium (ppb)	2022	0.3	ND - 5	Leaching from natural deposits

UNREGULATED CONTAMINANT MONITORING

Unregulated contaminants are those for which the EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is necessary. Every five years, the EPA issues a new list of no more than 30 unregulated contaminants to be monitored.

UCMR4 MONITORING - Collected at the Treatment Plant Effluent and/or in the Distribution System					
Parameter	Units	Year Sampled	Average Result	Range Detected	Typical Source
Bromochloroacetic Acid	ppb	2019	4.1	0.7 – 7.4	By-product of drinking water disinfection
Bromodichloroacetic acid	ppb	2019	3.8	ND – 6.3	By-product of drinking water disinfection
Chlorodibromoacetic acid	ppb	2019	2.1	ND – 3.5	By-product of drinking water disinfection
Dibromoacetic Acid	ppb	2019	1.8	0.3 – 3.3	By-product of drinking water disinfection
Dichloroacetic Acid	ppb	2019	5.3	0.5 – 13	By-product of drinking water disinfection
Monobromoacetic Acid	ppb	2019	0.3	ND – 0.6	By-product of drinking water disinfection
Total Haloacetic Acids - Br	ppb	2019	12	1.4 – 21	By-product of drinking water disinfection
Total Haloacetic Acids- HAA9	ppb	2019	22	2 – 40	By-product of drinking water disinfection
Trichloroacetic Acid	ppb	2019	4.6	ND – 7.5	By-product of drinking water disinfection

In 2023, sampling for the next series of unregulated contaminants as required by EPA's Fifth Unregulated Contaminant Monitoring Rule (UCMR 5) that includes monitoring for 29 per- and polyfluoroalkyl substances (PFAS) analytes and lithium, began. As our customers, you have a right to know that we are performing this sampling and that these data will be available. If you are interested in examining the results, please contact [name of contact] at [phone number]. More information on the UCMR process, is available at <https://www.epa.gov/dwucmr>

PFAS MONITORING

PFAS refers to per- and polyfluoroalkyl substances, a class of synthetic chemicals, manufactured for industrial applications and commercial household products such as: non-stick cookware; waterproof and stain resistant fabrics and carpets; firefighting foam and cleaning products. The properties that make these chemicals useful in so many of our every-day products also resist breaking down and therefore persist in the environment. Exposure may be from food, food packaging, consumer products, house dust, indoor and outdoor air, drinking water and at workplaces where PFAS are made or used.

The Division of Drinking Water (DDW) has established Notification Levels (NLs) of 6.5 ppt for the PFAS constituent perfluorooctanesulfonic acid (PFOS), 5.1 ppt for perfluorooctanoic acid (PFOA), 500 ppt for perfluorobutane sulfonic acid (PFBS), and 3.0 ppt for Perfluorohexane Sulfonic Acid (PFHxS)

UNREGULATED PERFLUORINATED COMPOUNDS					
Parameter with unit	Units	Year Sampled	Average Result	Range Detected	Typical Source
Perfluorooctanoic Acid (PFOA)	ppt	2022	3.2	ND – 12.6	Manufactured chemical(s); used in household goods for stain, grease, heat and water resistance
Perfluorooctanesulfonic Acid (PFOS)	ppt	2022	3.4	ND – 8.3	
Perfluorobutane sulfonic acid (PFBS)	ppt	2022	5.0	ND – 16.9	



Public Notification

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

ESTE INFORME CONTIENE INFORMACION MUY IMPORTANTE SOBRE SU AGUA DE BEBER. TRADUZCALO O HABLE CON ALGUIEN QUE LO ENTIENDA BIEN.

Cross-Connection Program Requirements Not Met for *Monterey Water System*

California Health and Safety Code, Section 116555 requires all public water systems to not be subject to backflow under normal operating conditions. California Code of Regulations, Title 17, Section 7605, subdivision (c) requires all backflow devices to be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. Our water system was cited for not following this requirement in 2019, 2020, and 2021. As our customers, you have a right to know what happened and what we did to correct these situations.

California American Water is required to assure that adequate maintenance and periodic testing (at least annually) of backflow preventers are provided by water users to ensure their proper operation. By the end of 2022 we met this requirement.

What should I do?

There is nothing you need to do at this time. The responsibility of testing resides with those customers who are required to have backflow prevention devices. If you have such devices, you are required to test them each year prior to the testing due date.

What did California American Water do to resolve the citation?

California American Water increased the enforcement effort during past year. We worked with our customers and certified testers in the area and achieved the testing requirements for 2022. However, testing is required annually. We urge our customers to test their devices as soon as they receive the annual testing notification from us. This will prevent their device from being out of compliance and prevent their water services from being shut off due to a noncompliant device.



About Us

California American Water, a subsidiary of American Water, provides high-quality and reliable water and/or wastewater services to nearly 700,000 people. For more information, visit californiaamwater.com and follow us on Twitter, Facebook, Instagram and YouTube.

With a history dating back to 1886, **American Water (NYSE:AWK)** is the largest and most geographically diverse U.S. publicly traded water and wastewater utility company. The company employs more than 6,400 dedicated professionals who provide regulated and regulated-like drinking water and wastewater services to more than 14 million people in 24 states. American Water provides safe, clean, affordable and reliable water services to our customers to help keep their lives flowing.



CALIFORNIA AMERICAN WATER FACTS AT A GLANCE

- **COMMUNITIES SERVED**
78 communities in
10 counties
- **PEOPLE SERVED**
Approx 700,000 people
- **EMPLOYEES**
322
- **SYSTEM DELIVERY**
122 million gallons per day (MGD) of
water is produced and treated
- **MILES OF PIPELINE**
2,280 miles of water pipeline
and 48.5 miles of wastewater pipe
- **STORAGE**
185 water storage facilities

How to Contact Us

If you have any questions about this report, your drinking water, or service, please contact California American Water's Customer Service Center Monday to Friday, 7 a.m. to 7 p.m. at 1-888-237-1333.



WATER INFORMATION SOURCES

California American Water
www.californiaamwater.com

State Water Resources Control Board (State Board),
Division of Drinking Water (DDW):
www.waterboards.ca.gov/drinking_water/programs/index.shtml

County of Monterey Health Department
<https://www.co.monterey.ca.us/government/departments-a-h/health>

United States Environmental Protection Agency (USEPA):
www.epa.gov/safewater

Safe Drinking Water Hotline: (800) 426-4791

Centers for Disease Control and Prevention: www.cdc.gov

American Water Works Association: www.awwa.org

Water Quality Association: www.wqa.org

National Library of Medicine/National Institute of Health:
www.nlm.nih.gov/medlineplus/drinkingwater.html

This report contains important information about your drinking water. Translate it, or speak with someone who understands it at 1-888-237-1333.

This report contains important information about your drinking water. Translate it, or speak with someone who understands it at 1-888-237-1333.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien al 1-888-237-1333.

Ntawm no yog ib co lus qhia tseem ceeb heev txog koj cov dej seb huv npaum li cas. Yog tias koj xav tau kev pab txhais cov lus qhia no, thov hu rau peb ntawm 1-888-237-1333.

這是關於您的水質的十分重要的資訊。如果您需要幫助翻譯此資訊請致電 **1-888-237-1333** 與我們聯繫。

आपके पानी की गुणवत्ता के बारे में यह बहुत महत्वपूर्ण सूचना है। यदि इस सूचना के अनुवाद के लिए आपको सहायता की जरूरत हो, तो कृपया **1-888-237-1333** र हमें काल करें।

Это очень важная информация о качестве Вашей воды. Если Вам требуется перевод этой информации, позвоните нам по телефону 1-888-237-1333.

Ito ay isang napakahalagang impormasyon tungkol sa kalidad ng iyong tubig. Kung iyong kailangan ng tulong sa pagsalin ng impormasyon na ito, mangyaring tumawag sa amin sa 1-888-237-1333.

Đây là thông tin rất quan trọng về chất lượng nước của quý vị. Nếu quý vị cần thông dịch thông tin này, xin gọi chúng tôi theo số 1-888-237-1333.