ANNUAL WATER QUALITY REPORT

Reporting Year 2021

Presented By

Marygold Mutual Water Company

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

PWS ID#: 3610028

We've Come a Long Way

Once again, we are proud to present our annual water quality report covering the period between January 1 and December 31, 2021. In a matter of only a few decades, drinking water has become exponentially safer and more reliable than at any other point in human history. Our exceptional staff continues to work hard every day—at all hours—to deliver the highest-quality drinking water without interruption. Although the challenges ahead are many, we feel that by relentlessly investing in customer outreach and education, new treatment technologies, system upgrades, and training, the payoff will be reliable, high-quality tap water delivered to you and your family.

Lead in Home Plumbing

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. We are responsible for providing high-quality drinking water, but we 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 two minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) 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 at (800) 426-4791 or at www.epa.gov/safewater/lead.

Source Water Assessment

A source water assessment plan (SWAP) is now available at our office. This plan is an assessment of the delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area and a determination of the water supply's susceptibility to contamination by the identified potential sources.

Community Participation

You are invited to participate in our monthly board meetings and voice your concerns about any issues you may have. We meet the third Thursday of the month at 6:00 p.m. We also hold our annual meeting in March to elect board members and address any issues the shareholders may have. Please check with our office for times and dates, as these may change. All meetings are held at our office at 9725 Alder Avenue, Bloomington.

Where Does My Water Come From?

Marygold Mutual Water Company (MMWC) produces the majority of our water from two groundwater wells located in the Chino Water Basin. MMWC has a three-party agreement that allows us to purchase State Water Project water, which makes up roughly 25 percent of our usage. With this agreement and our ion exchange treatment system, we will continue to provide clean and safe drinking water to our shareholders.

Water Conservation Tips

You can play a role in conserving water and save yourself money in the process by becoming conscious of the amount of water your household is using and looking for ways to use less whenever you can. It's not hard to conserve water. Here are a few tips:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water-using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791 or http://water.epa.gov/drink/hotline.

QUESTIONS? For more information about this report, or for any questions relating to your drinking water, please call Justin Brokaw, General Manager, at (909) 877-0516.

Substances That Could Be in 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 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.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) 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. The U.S. Food and Drug Administration regulations and California law 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.

Contaminants that may be present in source water include:

Microbial Contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

Inorganic Contaminants, such as salts and metals, that can be naturally occurring or can 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, which are by-products of industrial processes and petroleum production, and which can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems;

Radioactive Contaminants that can be naturally occurring or can be the result of oil and gas production and mining activities.

More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

REGULATED SUBSTANCES

				Marygold Mutual Water Company		West Valley Water District			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Chlorine (ppm)	2021	[4.0 (as Cl2)]	[4 (as Cl2)]	1.23	0.82–1.65	1.16	0.05–2.01	No	Drinking water disinfectant added for treatment
***E. coli* [State Revised Total Coliform Rule]** (positive samples)	2021	0	(0)	0	NA	1	NA	No	Human and animal fecal waste
Fluoride (ppm)	2021	2.0	1	0.185	0.18–0.19	NA	NA	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
HAA5 [sum of five haloacetic acids]–Stage 2 (ppb)	2021	60	NA	1.9	ND–2.6	8.4	ND–17.2	No	By-product of drinking water disinfection
Nitrate [as nitrogen] (ppm)	2021	10	10	4.22	3.6–5	NA	NA	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
TTHMs [total trihalomethanes]–Stage 2 (ppb)	2021	80	NA	6.6	ND–11.1	23.6	ND–73.5	No	By-product of drinking water disinfection

Definitions

90th %ile: The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

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

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

MCLG (Maximum Contaminant Level Goal): 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. EPA.

MRDL (Maximum Residual Disinfectant Level): 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.

MRDLG (Maximum Residual Disinfectant Level Goal): 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.

NA: Not applicable.

ND (Not detected): Indicates that the substance was not found by laboratory analysis.

NS: No standard.

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

PHG (Public Health Goal): 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.

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

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

TON (Threshold Odor Number): A measure of odor in water.

µS/cm (microsiemens per centimeter): A unit expressing the amount of electrical conductivity of a solution.

Tap water samples were collected for lead and copper analyses from sample sites throughout the community

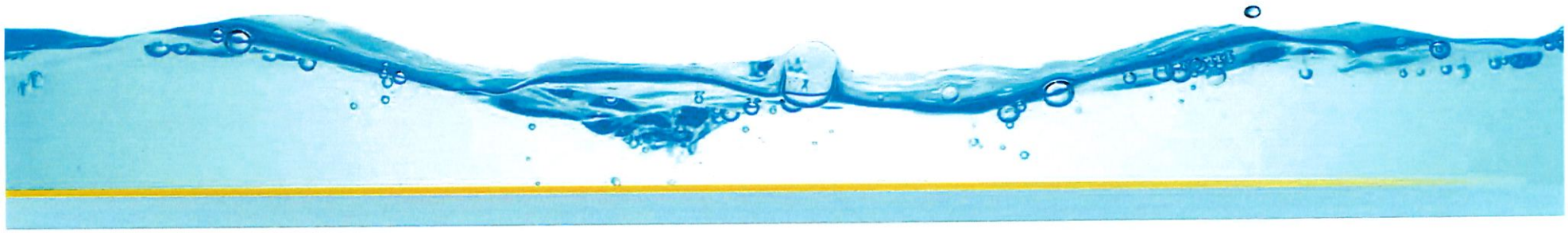
				Marygold Mutual Water Company		West Valley Water District			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	PHG (MCLG)	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/ TOTAL SITES	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/ TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2020	1.3	0.3	0.26	0/20	0.17[1]	0/30[1]	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2020	15	0.2	ND	0/20	ND[1]	0/30[1]	No	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

SECONDARY SUBSTANCES

				Marygold Mutual Water Company		West Valley Water District			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Chloride (ppm)	2021	500	NS	6	5.7–6.3	NA	NA	No	Runoff/leaching from natural deposits; seawater influence
Color (units)	2021	15	NS	<3	NA	NR	NA	No	Naturally occurring organic materials
Foaming Agents [MBAS] (ppb)	2021	500	NS	110	ND–110	NA	NA	No	Municipal and industrial waste discharges
Odor, Threshold (TON)	2021	3	NS	1	1–1	1	1–2	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2021	1,600	NS	365	360–370	434	330–520	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2021	500	NS	19	18–20	NA	NA	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2021	1,000	NS	235	230–240	NA	NA	No	Runoff/leaching from natural deposits
Turbidity (NTU)	2021	5	NS	0.07	<0.1–0.28	0.2	ND–2	No	Soil runoff

UNREGULATED SUBSTANCES[2]

		Marygold Mutual Water Company		West Valley Water District		
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE
Bromodichloromethane (ppb)	2021	1.96	ND–3	NA	NA	By-product of drinking water disinfection
Bromoform (ppb)	2021	1.45	ND–1.9	NA	NA	By-product of drinking water disinfection
Chloroform (ppb)	2021	1.45	ND–1.9	NA	NA	By-product of drinking water disinfection
Dibromochloromethane (ppb)	2021	2.7	ND–4.5	NA	NA	By-product of drinking water disinfection
Hardness, Total [as CaCO3] (ppm)	2021	145	140–150	NA	NA	Naturally occurring
Sodium (ppm)	2021	19	19–19	NA	NA	Sodium refers to the salt present in the water and is generally naturally occurring
Vanadium (ppb)	2021	6.2	6–6.4	NA	NA	Erosion of soil and rock



OTHER UNREGULATED SUBSTANCES[2]

		Marygold Mutual Water Company		West Valley Water District		
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE
Bicarbonate (ppm)	2021	180	180–180	NA	NA	Naturally occurring
Calcium (ppm)	2021	49.5	49–50	52	31–78	Erosion of salt deposits in soil and rock
Dibromoacetic Acid (ppb)	2021	1.6	ND–1.6	NA	NA	By-product of drinking water disinfection
Dichloroacetic Acid (ppb)	2021	1.1	ND–1.2	NA	NA	By-product of drinking water disinfection
Magnesium (ppm)	2021	5.35	5.2–5.5	NA	NA	Erosion of salt deposits in soil and rock
pH (units)	2021	7.9	7.8–8	7.8	7.3–8.1	Naturally occurring
Potassium (ppm)	2021	1.85	1.8–1.9	NA	NA	Erosion of salt deposits in soil and rock
Total Alkalinity (ppm)	2021	140	140–140	148	97–200	Naturally occurring

[1] Sampled in 2021.
[2] Unregulated contaminant monitoring helps U.S. EPA and the State Board determine where certain contaminants occur and whether the contaminants need to be regulated.

APPENDIX B: eCCR Certification Form (Suggested Format)

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name:	Marygold Mutual Water Company
Water System Number:	CA3610028

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 8, 2022 to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water (DDW).

Certified by:

Name: Justin Brokaw	Title: General Manager
Signature: Justin Brokaw	Date: July 7, 2022
Phone number: (909) 877-0516	blank

To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:

X CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).

☐ CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).

X "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- X Posting the CCR at the following URL: www.marygoldmutualwater.com
- ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertising the availability of the CCR in news media (attach copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
- X Posted the CCR in public places (attach a list of locations)
- X Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
- ☐ Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following URL: www._____

☐ *For privately-owned utilities*: Delivered the CCR to the California Public Utilities Commission

Consumer Confidence Report Electronic Delivery Certification

Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.

☐ Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification). URL: www._____

☐ Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www._____

☐ Water system emailed the CCR as an electronic file email attachment.

☐ Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).

☐ *Requires prior DDW review and approval.* Water system utilized other electronic delivery method that meets the direct delivery requirement.

Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.

• Our CCR was also made available in our office to walk in customers.

Gemini Group
Public Communication Specialists

CCR Mailing Certification
For
Marygold Mutual Water Company

Official Mailing Date: 06/08/2022

This is an official notice that your annual Consumer Confidence Report/notification was delivered to your water customers on the date listed above. This is the date that the U.S. Postal Service accepted your reports/notifications and began the mailing process. You may use this date while completing your state certification form indicating the completion of this year's project. If you require any additional information, please let us know at your convenience.

Thank you again for allowing us this opportunity to assist you in managing your Consumer Confidence Report project.