

**Consumer Confidence Report  
Certification Form**  
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at [http://www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml))

Water System Name:	City of Blythe Water System
Water System Number:	3310003

The water system named above hereby certifies that its Consumer Confidence Report was distributed on July 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.

Certified by:	Name:	<b>Gustavo Rodriguez</b>	
	Signature:		
	Title:	<b>Contract Operator</b>	
	Phone Number:	(760) 922-6611	Date: <b>8/4/2022</b>

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

CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: \_\_\_\_\_

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

- Posting the CCR on the Internet at [www.\\_\\_\\_\\_\\_](http://www._____)
- 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)
- Posted the CCR in public places (attach a list of locations)
- 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)
- 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 address: www.\_\_\_\_\_
- For investor-owned utilities:* Delivered the CCR to the California Public Utilities Commission

*This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).*

## 2021 Consumer Confidence Report

### Water System Information

Water System Name: **City of Blythe Water Systems**

Report Date: **July 1, 2022**

Type of Water Source(s) in Use: **Groundwater**

Name and General Location of Source(s): **The City of Blythe operates seven wells that deliver groundwater from depths between 250 and 650 feet. Two of the seven wells deliver water to the 4.3 Million Gallon per Day Water Treatment Plant. The wells are coupled to a looped distribution system.**

Drinking Water Source Assessment Information: **The City of Blythe lies entirely within the Palo Verde Valley Irrigation District. A Water Supply Assessment was completed in 2006. Further information may be requested at the Public Works Office.**

Time and Place of Regularly Scheduled Board Meetings for Public Participation: **City Council meets every 2<sup>nd</sup> Tuesday of each month at City Hall. Public comments, questions and concerns are welcome.**

For More Information, Contact: **Public Works Office at (760) 922-6611.**

### About This Report

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2021 and may include earlier monitoring data.

### Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse a City of Blythe Public Works al 440 South Main Street, Blythe CA 92225, (760) 922-6611 para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 以获得中文的帮助: City of Blythe Public Works, 440 South Main Street, Blythe CA 92225, (760) 922-6611.

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa o tumawag sa City of Blythe Public Works, 440 South Main Street, Blythe CA 92225, (760) 922-6611 para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ tại City of Blythe Public Works, 440 South Main Street, Blythe CA 92225, (760) 922-6611 để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau ntawm City of Blythe Public Works, 440 South Main Street, Blythe CA 92225, (760) 922-6611 rau kev pab hauv lus Askiv.

## Terms Used in This Report

Term	Definition
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 <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
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.
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 (U.S. EPA).
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 Standards (PDWS)	MCLs and MRDLs 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 Environmental Protection Agency.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
Secondary Drinking Water Standards (SDWS)	MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.
Treatment Technique (TT)	A required process intended to reduce the level of a contaminant in drinking water.
Variances and Exemptions	Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.
ND	Not detectable at testing limit.
ppm	parts per million or milligrams per liter (mg/L)
ppb	parts per billion or micrograms per liter (µg/L)

Term	Definition
ppt	parts per trillion or nanograms per liter (ng/L)
ppq	parts per quadrillion or picogram per liter (pg/L)
pCi/L	picocuries per liter (a measure of radiation)

## Sources of Drinking Water and Contaminants that May Be Present in Source 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.

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 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 byproducts 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.

## Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the 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.

## About Your Drinking Water Quality

### Drinking Water Contaminants Detected

Tables 1, 1.A., 2, 3, 4, 5, 6, and 7 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one

year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

**Table 1. Sampling Results Showing the Detection of Coliform Bacteria**

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
<i>E. coli</i>	0	0	(a)	0	Human and animal fecal waste

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

**Table 1.A. Compliance with Total Coliform MCL between January 1, 2021 and June 30, 2021 (inclusive)**

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	0	0	1 positive monthly sample (a)	0	Naturally present in the environment
Fecal Coliform and <i>E. coli</i>	0	0	0	None	Human and animal fecal waste

(a) For systems collecting fewer than 40 samples per month: two or more positively monthly samples is a violation of the total coliform MCL

**Table 2. Sampling Results Showing the Detection of Lead and Copper**

Lead and Copper	Sample Date	No. of Samples Collected	90 <sup>th</sup> Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb)	09/2019	30	ND	0	15	0.2	0	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	09/2019	30	0.96	0	1.3	0.3	Not applicable	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

**Table 3. Sampling Results for Sodium and Hardness**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	12/2020	135	130-140	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	12/2020	540	440-640	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

**Table 4. Detection of Contaminants with a Primary Drinking Water Standard**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Fluoride (ppm)	12/2020	0.19	0.17-0.2	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Alpha Particle Activity (pCi/L)	12/2020	<b>16*</b>	3.01- <b>53.4*</b>	15	0	Erosion of natural deposits

**Table 5. Detection of Contaminants with a Secondary Drinking Water Standard**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride (ppm)	12/2020	155	150-160	500	(a.)	Runoff/leaching from natural deposits; seawater influence
Color (Units)	12/2020	2.5	ND-5.0	15	(a.)	Naturally-occurring organic materials
Foaming Agents MBAS (ppb)	12/2020	85	80-90	500	(a.)	Municipal and industrial waste discharges
Iron (ppb)	2021	260	230-290	300	(a.)	Leaching from natural deposits; industrial wastes
Manganese (ppb)	2021	<b>299</b>	270-320	50	(a.)	Leaching from natural deposits
Specific Conductance (µS/cm)	12/2020	<b>1625</b>	1300-1800	1600	(a.)	Substances that form ions when in water; seawater influence
Total Dissolved Solids (ppm)	12/2020	<b>1060</b>	920-1200	1000	(a.)	Runoff/leaching from natural deposits
Turbidity (Units)	12/2020	1.16	0.62-1.7	5	(a.)	Soil runoff

(a.) There are no PHGs, MCLGs, or mandatory standard health effects language for these constituents because secondary MCLs are set on the basis of aesthetics

**Table 6. Detection of Disinfectants and Disinfection Byproducts**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Chlorine (ppm)	2021	1.01	0.78 – 1.17	[4]	[4]	Drinking water disinfectant added for treatment
Total Trihalomethanes (ppb)	2021	66.8	50 – 82	80	NA	Byproduct of drinking water disinfection
Haloacetic Acids (ppb)	2021	15.5	6.3 - 16	60	NA	Byproduct of drinking water disinfection

**Additional General Information on Drinking Water**

Last year, we conducted multiple tests for over 80 contaminants. We only detected one of these contaminants, Gross Alpha Particle Activity, at a level higher than the State allows. To summarize the potential health effects of Gross Alpha Particle Activity, certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer. Though our water at the time exceeded this drinking water standard, we are currently waiting for a new sample to verify this result is correct. For more information, please contact City of Blythe Public Works at (760) 922-6611.

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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA’s Safe Drinking Water Hotline (1-800-426-4791).

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. U.S. EPA/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).

The drinking water provided exceeds some secondary drinking water standards. Secondary MCLs are set on the basis of aesthetics and have no known health effects associated with consumption.

**Lead-Specific Language:** 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. The City of Blythe Water System 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 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 (1-800-426-4791) or at <http://www.epa.gov/lead>.

State Revised Total Coliform Rule (RTCRR): This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during 2021. These revisions add the requirements of the federal Revised Total Coliform Rule, effective since April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system. The state Revised Total Coliform Rule became effective July 1, 2021.

### IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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

#### Monitoring Requirements Not Met for The City of Blythe Water System

Our water system failed to monitor as required for drinking water standards during the past year and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

*We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the first quarter of 2021, we did not monitor for Disinfection By-Products and during the first quarter of 2020, we did not monitor for Gross Alpha Particle Activity and therefore, cannot be sure of the quality of our drinking water during that time.*

#### What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant(s) we did not properly test for during the last year, how many samples we are required to take and how often, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

Contaminant	Required Sampling Frequency	Number of Samples Taken	When All Samples Should Have Been Taken	When Samples Were or Will Be Taken
Disinfection By-Products	4 samples every quarter	4	1 <sup>st</sup> Quarter 2021	April 20, 2021
Gross Alpha Particle Activity	1 sample every quarter	1	1 <sup>st</sup> – 4 <sup>th</sup> Quarters 2020 and 2021	June 15, 2022

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

**What happened? What is being done?**

The City of Blythe Water System did not conduct the required quarterly sampling for Disinfection By-Products during the first quarter (January, February, and March) of 2021.

The City of Blythe Water System collected samples for Disinfection By-Products at the 4 designated sites on April 20, 2021. The sites are located as follows: Riviera Drive 3310003-801, Desert Verde 3310003-802, River Valley 3310003-803 and Palo Verde Oasis 3310003-804. The results for all four sites were well below the Maximum Contaminant Levels for Total Trihalomethanes and Haloacetic Acids set by the U.S. Environmental Protection Agency and the California State Water Resources Control Board.

The City of Blythe Water System did not conduct the required quarterly sampling for Gross Alpha Particle Activity during the first, second, third and fourth quarters of 2020 and 2021.

The City of Blythe Water System collected samples for Gross Alpha Particle Activity at the designated site on June 15, 2022. The site location is as follows: Well 18 CA3310003\_30\_30. The results are still pending to verify the results are correct.

For more information, please contact Public Works at (760) 922-6611 or 440 S. Main St.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

***Secondary Notification Requirements***

*Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:*

- *SCHOOLS: Must notify school employees, students, and parents (if the students are minors).*
- *RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.*
- *BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.*

This notice is being sent to you by the City of Blythe Water System.

State Water System ID#: 3310003.