

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)

Water System Name:	RED BLUFF FISH & WILDLIFE OFFICE
Water System Number:	CA5205009

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____ (date) 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:	Craig Fleming	
	Signature:		
	Title:	Deputy Project Leader	
	Phone Number:	(530) 527-3043	Date: March 13, 2023

To summarize report delivery used and good-faith efforts taken, please complete the form 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:

_____ The CCR is posted at all drinking water locations on station and it is sent out via email to all Project staff.

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

- Posted the CCR on the internet at <http://> _____
- Mailed the CCR to postal patrons within the service area (attach zip codes used)
- Advertised the availability of the CCR in news media (attach a 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 the newspaper and date published)
- Posted the CCR in public places (attach a list of locations)
- Delivery of multiple copies of CCR to single bill 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: <http://> _____

For investor-owned utilities: Delivered the CCR to the California Public Utilities Commission

2022 Consumer Confidence Report

Water System Name: RED BLUFF FISH & WILDLIFE OFFICE

Report Date: February 2023

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 - December 31, 2022.

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

Type of water source(s) in use: Information regarding the type of water source in use is not available, as this water system does not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 1 source(s): Well 03

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held. Meetings are held on an as needed basis and are announced by word of mouth. Facility staff are also informed via email.

For more information about this report, or any questions relating to your drinking water, please call (530) 527 - 3043 ext 264 and ask for Stewart Schneider or email stewart_schneider@fws.gov or visit our website at www.fws.gov/redbluff.

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically 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 (USEPA).

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.

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 the 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 in drinking water.

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

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.

mg/L: milligrams per liter or parts per million (ppm)

ug/L: micrograms per liter or parts per billion (ppb)

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 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 USEPA and the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2 and 3 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 Water 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 MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER							
Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	No. of Samples	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Copper (mg/L)	(2021)	5	0.10	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - 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 Sources of Contaminant
Aluminum (mg/L)	(2015)	0.08	n/a	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Hexavalent Chromium (ug/L)	(2015)	1.7	n/a		0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Fluoride (mg/L)	(2015)	0.1	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2022)	2.1	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Table 3 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Violation	Typical Sources of Contaminant
Total Trihalomethanes (TTHMs) (ug/L)	(2020)	12	n/a	80	n/a	No	By-product of drinking water disinfection
Haloacetic Acids (five) (ug/L)	(2020)	3	n/a	60	n/a	No	By-product of drinking water disinfection

Additional General Information on Drinking Water

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 USEPA'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. 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).

Lead Specific Language for Community Water Systems: 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 the service lines and home plumbing. *U.S. Fish & Wildlife Service* 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/lead>.

2022 Consumer Confidence Report Drinking Water Assessment Information

Assessment Information

A Source Water Assessment has not been completed for the WELL 03 of the RED BLUFF FISH & WILDLIFE OFFICE water system.

Well 03 - does not have a completed Source Water Assessment on file.

Discussion of Vulnerability

Assessment summaries are not available for some sources. This is because:

- The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
- The source is not active. It may be out of service, or new and not yet in service.
- The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

Acquiring Information

For more info you may visit https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html or contact the health department in the county to which the water system belongs as indicated on this following link: https://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf

U.S. Fish & Wildlife Service

CCR Login Linkage - 2022

FGL Code	Lab ID	Date Sampled	Method	Description	Property
ADMINISTRATION	CH 2173965-2	2021-06-08	Metals, Total	Administration	Copper & Lead Monitoring
ANNEX	CH 2173965-3	2021-06-08	Metals, Total	Annex	Copper & Lead Monitoring
Broken Pipe	CH 2276571-1	2022-08-04	Coliform	Broken Pipe	U.S Fish & Wildlife Service
BNGLOW	CH 2173965-5	2021-06-08	Metals, Total	Bungalow	Copper & Lead Monitoring
CONF RR	CH 2173965-4	2021-06-08	Metals, Total	Conference Restroom	Copper & Lead Monitoring
HB N. CONF BLD	CH 2270836-1	2022-02-14	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
	CH 2272311-1	2022-04-11	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
	CH 2274419-1	2022-06-15	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
	CH 2276747-1	2022-08-10	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
	CH 2278532-1	2022-10-05	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
	CH 2290145-1	2022-12-07	Coliform	HB-N Side Conference Rm. Bldg.	DW Bacti Monitoring-2
BNGLOW	CH 2270041-1	2022-01-05	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
	CH 2271565-1	2022-03-09	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
	CH 2273237-1	2022-05-09	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
	CH 2275354-1	2022-07-06	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
	CH 2277655-1	2022-09-07	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
	CH 2279303-1	2022-11-02	Coliform	HB-South End Bungalow Building	Drinking Water Monitoring
SHOP	CH 2173965-1	2021-06-08	Metals, Total	Shop	Copper & Lead Monitoring
DBP UPPER CON.	CH 2073515-1	2020-07-01	EPA 551.1	UPPER CONTROL BUILDING	DBP Monitoring
	CH 2073515-1	2020-07-01	EPA 552.2	UPPER CONTROL BUILDING	DBP Monitoring
WELL 03	CH 1570462-1	2015-02-02	Wet Chemistry	Well 03	Water Quality - IOCs/Radio
	CH 1570462-1	2015-02-02	Metals, Total	Well 03	Water Quality - IOCs/Radio
	CH 1572238-1	2015-04-22	Wet Chemistry	Well 03	RED BLUFF FISH & WILDLIFE OFFICE
	CH 2276746-1	2022-08-10	Wet Chemistry	Well 03	DW Quality Monitoring