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DIVISION OF  
DRINKING WATER

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

Water System Name:	City of Tehama
Water System Number:	5200504

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 01/29/2024 (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: Carolyn Steffan
Signature: <i>Carolyn Steffan</i>
Title: City Clerk / Administrator
Phone number: 530-384-1501
Date: 01/29/2024

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: **[INSERT DELIVERY METHODS]**

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

Posting the CCR on the Internet at cityoftehama.us/ccr1

- ☐ 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 at city hall and postoffice.
- ☐ 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 – mailed notice that CCR available and provided direct URL to website and information that hard copy can be requested. 1/29/2024.
- ☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: **[INSERT INTERNET ADDRESS]**
- ☐ 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)

## 2023 Consumer Confidence Report

**Water System Information**

Water System Name: City of Tehama

Report Date: 01/23/2024

Type of Water Source(s) in Use: Groundwater

Name and General Location of Source(s): Wells 3 & 4 are located in the City of Tehama.

Drinking Water Source Assessment Information: An inspection was conducted by Paul Rowe of Valley District Drinking Water Field Operations Branch April 7, 2021. . According to the report, the water system appears to be well operated and maintained. There were no deficiencies noted. A copy is available from Tehama City Hall.

Time and Place of Regularly Scheduled Board Meetings for Public Participation: 2nd Tuesday of each month at 6 PM at Tehama City Hall, 250 Cavalier Dr., Tehama, CA 96090

For More Information: Contact Carolyn Steffan, City Clerk at 530-384-1501 or csteffan@cityoftehamaus.

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, 2023 and may include earlier monitoring data.

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse [Enter Water System's Name] a [Enter Water System's Address or Phone Number] para asistirlo en español.

**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.

Term	Definition
ppm	parts per million or milligrams per liter (mg/L)
ppb	parts per billion or micrograms per liter (µg/L)
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, 2, 3, 4, 5, 6, and 8 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**

Complete if bacteria are detected.

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

Complete if lead or copper is detected in the last sample set.

Lead and Copper	Sample Date	No. of Samples Collected	90 <sup>th</sup> Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	07/14/2021	5	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	07/14/2021	5	0.051	0	1.3	0.3	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	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm) Well 3	6/29/23	33mg/L		None	None	Salt present in the water and is generally naturally occurring
Well 4	5/23/18	26mg/L				
Hardness (ppm) Well 3	6/29/23	133 mg/l		None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring
Well 4	5/23/18	117 mg/L				

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

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	MCL [MRD L]	PHG (MC LG) [MRD LG]	Typical Source of Contaminant
Antimony Well 3	6/29/23	ND	6	1	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Well 4	5/23/18	0 UG/L			
Arsenic Well 3	6/29/23	4 UG/L	10	.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Well 4	5/3/21	3 UG/L			
Barium Well 3	6/29/23	103 /UG/L	1000	2000	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Well 4	5/23/18	116/UG/L			
Beryllium Well 3	8/6/06	ND	4	1	Discharge from metal refineries, coal-burning factories, and electrical, aerospace, and defense industries
Well 4	5/23/18	0 UG/L			
Cadmium Well 3	6/29/23	ND	5	1	Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories, and metal refineries; runoff from waste batteries and paints
Well 4	5/23/18	1.0 0 UG/L			
Mercury Well 3	6/29/23	ND	2	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland
Well 4	5/23/18	1 UG/L			

Nickle	Well 3 Well 4	6/29/23 5/23/18	ND 5 UG/L	100	10	Erosion of natural deposits; discharge from metal factories
Nitrate(N)	Well 3 Well 4	6/29/23 5/18/22	0.7 mg/L 1.7 mg/L	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.
Flouride	Well 4	6/29/23 5/23/18	0.1 mg/L 0.1 mg/L	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories

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

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride Well 3 Well 4	6/29/23 5/23/18	16 MG/L 18 MG/L	500		Runoff/leaching from natural deposits; seawater influence
Methyl-tert-butyl ether (MTBE) Well 3	6/3/19	3 ug/l	13		Leaking underground storage tanks; discharge from petroleum and chemical factories.
PH, Laboratory Well 3 Well 4	6/29/23 5/23/18	7.4 7.4	Std Units		
Odor –Threshold Well 3 Well 4	6/29/23 5/23/18	ND 1 TON	3		Naturally-occurring organic materials
Specific Conductance 3 Well 4	6/29/23 5/23/18	347 340	1,600		Substances that form ions when in water; seawater influence
Total Dissolved Solids (TDS) Well 3 Well 4	6/29/23 8/3/15	250 MG/L 240 MG/L	1000		Runoff/leaching from natural deposits
Sulfate Well 3 Well 4	6/29/23 8/3/15	10.5 MG/L 13 MG/L	600		Runoff/leaching from natural deposits; industrial wastes
Manganese Well 3 Well 4	6/29/23 5/3/21	20 0 UG/L	50	10	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits

#### 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 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).

**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. [Enter Water System's Name] 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. [Optional: 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>.