

# 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/certified-drinkingwater/CCR.shtml](http://www.swrcb.ca.gov/drinking_water/certified-drinkingwater/CCR.shtml))

Water System Name:	<b>Rancho Tehama Elem School</b>
Water System Number:	<b>CA5205007</b>

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 3-1-23 (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:	<u>John Hayburn</u>	
	Signature:	<u>John C Hayburn</u>	
	Title:	<u>Director of Maintenance</u>	
	Phone Number:	<u>(530) 824-7725</u>	Date: <u>3-1-23</u>

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:

Delivered to School by Email. One copy is in my office.

☐ "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

(This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c), California Code of Regulations.)

# 2022 Consumer Confidence Report

Water System Name: Rancho Tehama Elem School

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:** According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

**Your water comes from 1 source(s):** WELL #1

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call (530) 824-7725 and ask for John Hayburn or email [jhayburn@cwscd.net](mailto:jhayburn@cwscd.net).

## 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.

**Secondary Drinking Water Standards (SDWS):** MCLs for the 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.

**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)

**pCi/L:** picocuries per liter (a measure of radiation)

**umhos/cm:** micro mhos per centimeter

**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, 3, 4 and 5 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.

**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)	(2022)	5	0.26	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

**Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2018)	23	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2018)	255	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

**Table 3 - 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
Barium (mg/L)	(2016)	0.15	n/a	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits



Hexavalent Chromium (ug/L)	(2014)	7.5	n/a		0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate as N (mg/L)	(2022)	0.9	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2018)	0.7	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2016)	1.82	n/a	15	(0)	Erosion of natural deposits.

**Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (mg/L)	(2018)	57	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2018)	602	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2018)	11.6	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2018)	360	n/a	1000	n/a	Runoff/leaching from natural deposits

**Table 5 - ADDITIONAL DETECTIONS**

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Calcium (mg/L)	(2018)	38	n/a	n/a	n/a
Magnesium (mg/L)	(2018)	39	n/a	n/a	n/a
pH (units)	(2018)	7.4	n/a	n/a	n/a
Alkalinity (mg/L)	(2018)	210	n/a	n/a	n/a
Aggressiveness Index	(2018)	11.7	n/a	n/a	n/a
Langelier Index	(2018)	-0.1	n/a	n/a	n/a

## 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. *Rancho Tehama Elementary School* 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 was conducted for the WELL 01 of the Rancho Tehama Elem. School water system in August, 2001.

WELL #1 - is considered most vulnerable to the following activities not associated with any detected contaminants:  
Septic systems - low density [ $<1/\text{acre}$ ]

#### **Discussion of Vulnerability**

The well is most vulnerable to low density septic systems located on the school property and adjoining properties.

#### **Acquiring Information**

A copy of the complete assessment may be viewed at:  
Division of Drinking Water  
415 Knollcrest Drive, Suite 110  
Redding, CA 96002

You may request a summary of the assessment be sent to you by contacting:  
Tehama Co. Env. Health Dept.  
Tia Kuykendall  
633 Washington Street, Room 36  
Red Bluff, CA 96080  
(530) 527 - 8020  
[tkuykendall@pacbell.net](mailto:tkuykendall@pacbell.net)



# Rancho Tehama Elementary School

## Analytical Results By FGL - 2022

### LEAD AND COPPER RULE

	Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Copper</b>	mg/L		1.3	.3			0.26	5
Boys Bathroom	CH 2276597-3	mg/L			2022-08-04	0.19		
Cafeteria	CH 2276597-2	mg/L			2022-08-04	0.08		
Classroom #4	CH 2276597-5	mg/L			2022-08-04	0.26		
Girls Bathroom	CH 2276597-4	mg/L			2022-08-04	0.17		
Rancho Office Sink	CH 2276597-1	mg/L			2022-08-04	0.26		

### SAMPLING RESULTS FOR SODIUM AND HARDNESS

	Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Sodium</b>	mg/L		none	none			23	23 - 23
WELL #1	CH 1873726-1	mg/L			2018-06-05	23		
<b>Hardness</b>	mg/L		none	none			255	255 - 255
WELL #1	CH 1873726-1	mg/L			2018-06-05	255		

### PRIMARY DRINKING WATER STANDARDS (PDWS)

	Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Barium</b>	mg/L	2	1	2			0.15	0.15 - 0.15
WELL #1	CH 1670044-1	mg/L			2016-02-08	0.15		
<b>Hexavalent Chromium</b>	ug/L			0.02			7.5	7.5 - 7.5
WELL #1	CH 1478077-1	ug/L			2014-11-17	7.5		
<b>Nitrate as N</b>	mg/L		10	10			0.9	0.9 - 0.9
WELL #1	CH 2273865-1	mg/L			2022-06-01	0.9		
<b>Nitrate + Nitrite as N</b>	mg/L		10	10			0.7	0.7 - 0.7
WELL #1	CH 1873726-1	mg/L			2018-06-05	0.7		
<b>Gross Alpha</b>	pCi/L		15	(0)			1.82	1.82 - 1.82
WELL #1	CH 1670063-1	pCi/L			2016-02-17	1.82		

### SECONDARY DRINKING WATER STANDARDS (SDWS)

	Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chloride</b>	mg/L		500	n/a			57	57 - 57
WELL #1	CH 1873726-1	mg/L			2018-06-05	57		
<b>Specific Conductance</b>	umhos/cm		1600	n/a			602	602 - 602
WELL #1	CH 1873726-1	umhos/cm			2018-06-05	602		
<b>Sulfate</b>	mg/L		500	n/a			11.6	11.6 - 11.6
WELL #1	CH 1873726-1	mg/L			2018-06-05	11.6		
<b>Total Dissolved Solids</b>	mg/L		1000	n/a			360	360 - 360
WELL #1	CH 1873726-1	mg/L			2018-06-05	360		

### ADDITIONAL DETECTIONS

	Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Calcium</b>	mg/L			n/a			38	38 - 38
WELL #1	CH 1873726-1	mg/L			2018-06-05	38		
<b>Magnesium</b>	mg/L			n/a			39	39 - 39
WELL #1	CH 1873726-1	mg/L			2018-06-05	39		
<b>pH</b>	units			n/a			7.4	7.4 - 7.4
WELL #1	CH 1873726-1	units			2018-06-05	7.4		
<b>Alkalinity</b>	mg/L			n/a			210	210 - 210
WELL #1	CH 1873726-1	mg/L			2018-06-05	210		
<b>Aggressiveness Index</b>				n/a			11.7	11.7 - 11.7

WELL #1	CH 1873726-1					2018-06-05	11.7		
Langelier Index					n/a			-0.1	-0.1 - -0.1
WELL #1	CH 1873726-1					2018-06-05	-0.1		



# Rancho Tehama Elementary School

## CCR Login Linkage - 2022

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Bathroom Buildi	CH 2276561-1	2022-08-03	Coliform	Bathroom Building Hb	Rancho Tehama Elementary School
CuPb-ss03	CH 2276597-3	2022-08-04	Metals, Total	Boys Bathroom	Copper & Lead Monitoring
CuPb-ss02	CH 2276597-2	2022-08-04	Metals, Total	Cafeteria	Copper & Lead Monitoring
CuPb-ss05	CH 2276597-5	2022-08-04	Metals, Total	Classroom #4	Copper & Lead Monitoring
CuPb-ss04	CH 2276597-4	2022-08-04	Metals, Total	Girls Bathroom	Copper & Lead Monitoring
OFFS	CH 2273594-1	2022-05-20	Coliform	Office	Drinking Water Monitoring
	CH 2274347-1	2022-06-15	Coliform	Office	Drinking Water Monitoring
OFFS-O/S	CH 1670597-1	2016-01-18	Coliform	Office - Outside	Bacteriological Monitoring
Bacti-Rout-ss01	CH 1670042-1	2016-02-08	Coliform	Office - Outside	Bacteriological Monitoring
	CH 1671369-1	2016-03-07	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1671403-1	2016-04-04	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1672637-1	2016-05-03	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1673941-1	2016-06-06	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1673953-1	2016-07-11	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1675193-1	2016-08-08	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1677233-1	2016-09-06	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1678494-1	2016-10-10	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1679281-1	2016-11-07	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 1679281-1	2016-11-07	Sampling	Office - Outside	Routine Bacteriological Monitoring
	CH 2270045-1	2022-01-05	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2270732-1	2022-02-07	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2271495-1	2022-03-09	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2272312-1	2022-04-11	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2272995-1	2022-05-02	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2273866-1	2022-06-01	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2275498-1	2022-07-11	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2277167-1	2022-08-22	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2278180-1	2022-09-22	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2278895-1	2022-10-17	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2279567-1	2022-11-14	Coliform	Office - Outside	Routine Bacteriological Monitoring
	CH 2290351-1	2022-12-14	Coliform	Office - Outside	Routine Bacteriological Monitoring
Office Building	CH 2276561-4	2022-08-03	Coliform	Office Building HB	Rancho Tehama Elementary School
CuPb-ss01	CH 2276597-1	2022-08-04	Metals, Total	Rancho Office Sink	Copper & Lead Monitoring
Room 1 Back Hb	CH 2276561-3	2022-08-03	Coliform	Room 1 Back Hb	Rancho Tehama Elementary School
Room 2 Back HB	CH 2276561-2	2022-08-03	Coliform	Room 2 Back HB	Rancho Tehama Elementary School
Well 01	CH 1478077-1	2014-11-17	Wet Chemistry	WELL #1	RANCHO TEHAMA ELEM SCHOOL
	CH 1670044-1	2016-02-08	Metals, Total	WELL #1	IOC Monitoring
	CH 1670043-1	2016-02-08	Sampling	WELL #1	Water Quality Monitoring
	CH 1670044-1	2016-02-08	Sampling	WELL #1	IOC Monitoring
WELL01	CH 1670063-1	2016-02-17	Radio Chemistry	WELL #1	Radiological Monitoring
	CH 1873726-1	2018-06-05	General Mineral	WELL #1	Water Quality Monitoring
	CH 2072411-1	2020-04-09		WELL #1	SOC Monitoring
	CH 2273865-1	2022-06-01	Wet Chemistry	WELL #1	Water Quality Monitoring