

2023 Consumer Confidence Report

Water System Name: JEFFERSON ESD-JEFFERSON SCHOOL

Report Date: June 2024

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, 2023.

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 2 source(s): WELL #2 and WELL #3

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 (209)838-7842 and ask for Quality Services, Inc..

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.

ND: not detectable at testing limit

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)

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.

Table(s) 1, 2, 3 and 4 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)	(2022)	5	0.06	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
Arsenic (ug/L)	(2021 - 2022)	2	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Nitrate as N (mg/L)	(2023)	0.4	ND - 0.8	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2016)	ND	ND - 1.99	15	(0)	Erosion of natural deposits.

Table 3 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Vanadium (ug/L)	(2021 - 2022)	6	n/a	50	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 4 - 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
Chlorine (mg/L)	(2022)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.

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. *Jefferson School District* 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>.

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Drinking Water Assessment Information

Assessment Information

A Drinking Water Source Assessment (DWSAPP) was conducted for the WELL #2 of the JEFFERSON ESD-JEFFERSON SCHOOL water system in October, 2002. A Drinking Water Source Assessment DWSAPP has not been completed for the WELL #3 of the JEFFERSON ESD-JEFFERSON SCHOOL water system.

WELL #2 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Wells - Agricultural/ Irrigation

WELL #3 - does not have a completed DWSAPP on file.

Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.

Acquiring Information

A copy of the complete assessment may be viewed at:

San Joaquin County
Environmental Health Department
1868 E. Hazelton Ave
Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting:

Small Public Water Systems

SJ Co Environmental Health Department

(209) 468-3420

Jefferson School District

Analytical Results By FGL - 2023

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.06	5
Kitchen Sink #1	STK2239508-2	mg/L				2022-07-07	ND		
Kitchen Sink #2	STK2239508-3	mg/L				2022-07-07	0.07		
Office Restroom	STK2239508-5	mg/L				2022-07-07	0.05		
Office Sink	STK2239508-1	mg/L				2022-07-07	ND		
Staff Restroom 8th Grade	STK2239508-4	mg/L				2022-07-07	ND		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			2	2 - 2
WELL #2	STK2232087-1	ug/L				2022-02-10	2		
WELL #3	STK2153660-1	ug/L				2021-09-23	2		
Nitrate as N		mg/L		10	10			0.4	ND - 0.8
WELL #2	STK2331336-1	mg/L				2023-02-01	ND		
WELL #3	STK2352633-1	mg/L				2023-09-14	0.8		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.99
WELL #2	STK1631816-1	pCi/L				2016-02-16	ND		
WELL #3	STK1651401-1	pCi/L				2016-09-12	1.11		
WELL #3	STK1637050-1	pCi/L				2016-06-09	1.99		
WELL #3	STK1633270-1	pCi/L				2016-03-29	1.28		
WELL #3	STK1633090-1	pCi/L				2016-03-23	ND		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ug/L		NS	n/a			6	6 - 6
WELL #2	STK2232087-1	ug/L				2022-02-10	6		
WELL #3	STK2153660-1	ug/L				2021-09-23	6		

[illegible]

Jefferson School District

CCR Login Linkage - 2023

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Gym/Cust.	STK2331335-1	2023-02-01	Coliform	Gym custodian closet sink	Water Monitoring-Even
	STK2334478-1	2023-04-12	Coliform	Gym custodian closet sink	Water Monitoring-Even
	STK2337101-1	2023-06-01	Coliform	Gym custodian closet sink	Water Monitoring-Even
	STK2350668-1	2023-08-08	Coliform	Gym custodian closet sink	Water Monitoring-Even
	STK2353488-1	2023-10-02	Coliform	Gym custodian closet sink	Water Monitoring-Even
	STK2356615-1	2023-12-05	Coliform	Gym custodian closet sink	Water Monitoring-Even
Kitchen Sink #1	STK2239508-2	2022-07-07	Metals, Total	Kitchen Sink #1	Lead and Copper Monitoring
Kitchen Sink #2	STK2239508-3	2022-07-07	Metals, Total	Kitchen Sink #2	Lead and Copper Monitoring
Off/CustC1	STK2330828-1	2023-01-19	Coliform	Office custodian room sink C1	Water Monitoring-Odd
	STK2332682-1	2023-03-02	Coliform	Office custodian room sink C1	Water Monitoring-Odd
	STK2335724-1	2023-05-05	Coliform	Office custodian room sink C1	Water Monitoring-Odd
	STK2338688-1	2023-07-03	Coliform	Office custodian room sink C1	Water Monitoring-Odd
	STK2352632-1	2023-09-14	Coliform	Office custodian room sink C1	Water Monitoring-Odd
	STK2355524-1	2023-11-09	Coliform	Office custodian room sink C1	Water Monitoring-Odd
Office Restroom	STK2239508-5	2022-07-07	Metals, Total	Office Restroom	Lead and Copper Monitoring
Office Sink	STK2239508-1	2022-07-07	Metals, Total	Office Sink	Lead and Copper Monitoring
Staff Restroom	STK2239508-4	2022-07-07	Metals, Total	Staff Restroom 8th Grade	Lead and Copper Monitoring
WELL #2	STK1631816-1	2016-02-16	Radio Chemistry	WELL #2	Radio Monitoring
	STK2232087-1	2022-02-10	Metals, Total	WELL #2	Water Quality Monitoring
	STK2232828-1	2022-02-28	Field Test	WELL #2	JEFFERSON ESD-JEFFERSON SCHOOL
	STK2331336-1	2023-02-01	Wet Chemistry	WELL #2	Water Quality Monitoring
Well#3	STK1633090-1	2016-03-23	Radio Chemistry	WELL #3	Well 3 Radio
	STK1633270-1	2016-03-29	Radio Chemistry	WELL #3	Well 3 Radio
	STK1637050-1	2016-06-09	Radio Chemistry	WELL #3	Well 3 Radio
	STK1651401-1	2016-09-12	Radio Chemistry	WELL #3	Well 3 Radio
	STK2153660-1	2021-09-23	Metals, Total	WELL #3	Well 3 - Water Quality
	STK2153660-1	2021-09-23		WELL #3	Well 3 - Water Quality
	STK2234053-1	2022-03-24	Field Test	WELL #3	JEFFERSON ESD Not in SWDB 3/21/16, kdm
WELL #3	STK2352633-1	2023-09-14	Wet Chemistry	WELL #3	Well 3 - Water Quality