

## 2024 Consumer Confidence Report

### Water System Information

Water System Name: **Peppermint Creek MHP**

Report Date: **6/19/2025**

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

Name and General Location of Source(s): **Montezuma Ditch Intake – Raw (CA550116\_001\_001) & Peppermint Creek MHP WTP – Treated (CA5500116\_002\_002)**

Drinking Water Source Assessment Information: **2003 Drinking Water Source Assessment on file; see report for vulnerability information**

Time and Place of Regularly Scheduled Board Meetings for Public Participation: **N/A**

For More Information, Contact: **Sherrie Johnston, 209-932-8747**

### 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, 2024, 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 **Peppermint Creek MHP a 10155 Peppermint Drive, Jamestown, CA 95327 o 209-932-8747** 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 **Peppermint Creek MHP** 以获得中文的帮助 **10155 Peppermint Drive, Jamestown, CA 95327, 209-**

**932-8747**. Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa **Peppermint Creek MHP 10155 Peppermint Drive, Jamestown, CA 95327 o tumawag sa 209-932-8747** 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 **Peppermint Creek MHP tại 10155 Peppermint Drive, Jamestown, CA 95327, 209-932-8747** 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 **Peppermint Creek MHP ntawm 10155 Peppermint Drive, Jamestown, CA 95327, 209-932-8747** 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)
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>	(In the year) 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)	06/14/2022	5	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	06/14/2022	5	0.063	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)	3/12/2024	3.8	3.8	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	3/12/2024	80	80	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are

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

<b>Chemical or Constituent (and reporting units)</b>	<b>Sample Date</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>MCL [MRDL]</b>	<b>PHG (MCLG) [MRDLG]</b>	<b>Typical Source of Contaminant</b>
Total Organic Carbon (TOC) Raw Water	2024 12x	3.01	2.14-5.37	TT	N/A	Various Natural & manmade sources
*HAA5 [Sum of 5 Haloacetic Acids] (µg/L)	2/13/24 5/14/24 8/29/24 11/12/24	66.95	40.3-123.1	60	N/A	Byproduct of Drinking water disinfection
TTHMs [Total Trihalomethanes] (µg/L)	8/29/24	40.6	40.6	80	N/A	Byproduct of Drinking water disinfection
Aluminum (ug/L)	3/12/24 4/16/24	375	280-470	1000	50	Erosion of natural deposits; residual from some surface water treatment processes

**Table 5.5 Detection of Contaminants with a Primary Drinking Water Standard Post Treatment**

<b>Chemical or Constituent (and reporting units)</b>	<b>Sample Date</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>MCL [MRDL]</b>	<b>PHG (MCLG) [MRDLG]</b>	<b>Typical Source of Contaminant</b>
Total Organic Carbon (TOC)	2024 12x	1.72	1.29-2.35	TT	N/A	Various Natural & manmade sources
Aluminum (ug/L)	4/16/24	66	66	1000	50	Erosion of natural deposits; residual from some surface water treatment processes

**Table 6. Detection of Contaminants with a Secondary Drinking Water Standard**

<b>Chemical or Constituent (and reporting units)</b>	<b>Sample Date</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>SMCL</b>	<b>PHG (MCLG)</b>	<b>Typical Source of Contaminant</b>
Chloride (MG/L)	3/12/24	2.5	2.5	500	--	Runoff/leaching from natural deposits; seawater influence
Color	3/12/24	40	40	15	--	Naturally-occurring organic materials
Iron (ppb) RAW	3/12/24 4/16/24	755	510-1000	300	--	Leaching from natural deposits; industrial wastes
Iron (ppb) TREATED	4/16/2024	ND	ND	300	--	Leaching from natural deposits; industrial wastes
Manganese (ppb) RAW	3/12/24 4/16/24	68.5	46-91	50	--	Leaching from natural deposits
Manganese (ppb) TREATED	4/16/24	ND	ND	50	--	Leaching from natural deposits
Odor---Threshold (Ton)	3/12/24	2.5	2.5	3	1	Naturally-occurring organic materials
Specific Conductance (us/cm)	3/12/24	180	180	1600	--	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	3/12/24	3.2	3.2	500	--	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids [TDS] (MG/L)	3/12/24	70	70	1000	--	Runoff/leaching from natural deposits
Turbidity (NTU)	3/12/24	15	15	5	0.1	Soil runoff

**Table 7. Detection of Unregulated Contaminants**

<b>Chemical or Constituent (and reporting units)</b>	<b>Sample Date</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>Notification Level</b>	<b>Health Effects</b>
None					

**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. Peppermint Creek MHP 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 (1-800-426-4791) or at <http://www.epa.gov/lead>.

**Additional Special Language for Nitrate, Arsenic, Lead, Radon, and *Cryptosporidium*:** Not Applicable.

**State Revised Total Coliform Rule (RTCR):** Not Applicable.

### **Vulnerability Assessment**

The Montezuma Ditch Intake – Raw source for the water system based on the 2003 Drinking Water Source Assessment was found to be vulnerable to the following PCAs:

- Mining Operations – Historic (VH)
- Septic Systems – High Density (>1/acre)
- Illegal Activities/Unauthorized Dumping
- Septic Systems – Low Density (<1/acre)
- Crops, Irrigated
- Transportation Corridors – Freeways/State Highways
- Transportation Corridors – Roads Right-of-Ways (Herbicide Use Areas)
- NPDES/WDR Permitted Discharges
- Wastewater Treatment Plants and Disposal Facilities

## Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

**Table 7. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement**

<b>Violation</b>	<b>Explanation</b>	<b>Duration</b>	<b>Actions Taken to Correct Violation</b>	<b>Health Effects Language</b>
HAA5	The Quarterly HAA5 sample collected on 2/13/24 exceeded the HAA5 MCL of 60 µg/L at 123.1 µg/L	February 2024 – Levels were back within acceptable range the following quarter.	The water system has investigated the source of DBP accumulation in the system and complete the OEL report per regulatory guidance. The water system was required to collect quarterly HAA5 samples in order to calculate a running annual average for the concentrations in order to determine water system compliance.	Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.
Iron	Iron Levels in raw water exceed MCL	Ongoing	Treatment in place. Post treated water shows no detection of Iron in 2024.	Unpleasant aesthetic effects (e.g., color, taste, & odor) & the staining of plumbing fixtures & clothing while washing.
Manganese	Manganese Levels in raw water exceed MCL	Ongoing	Treatment in place. Post treated water shows no detection of Manganese in 2024.	Manganese exposures resulted in neurological effects. High levels of manganese in people have been shown to result in adverse effects to the nervous system.

## For Water Systems Providing Groundwater as a Source of Drinking Water

**Table 8. Sampling Results Showing Fecal Indicator-Positive Groundwater Source Samples**



Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	(In the year) 0	Annually 12x	0	(0)	Human and animal fecal waste
Enterococci	(In the year) 0	Annually 12x	TT	N/A	Human and animal fecal waste
Coliphage	(In the year) 0	Annually 12x	TT	N/A	Human and animal fecal waste

**Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Violation of a Groundwater TT**

**Special Notice of Fecal Indicator-Positive Groundwater Source Sample:** Not Applicable.

**Special Notice for Uncorrected Significant Deficiencies:** Not Applicable.

**Table 9. Violation of Groundwater TT**

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
None				

**For Systems Providing Surface Water as a Source of Drinking Water**

**Table 10. Sampling Results Showing Treatment of Surface Water Sources**

Treatment Technique <sup>(a)</sup> (Type of approved filtration technology used)	Tri-Media Gravity Filter (16.87 ft <sup>2</sup> surface area) with max flow rate of 66 gpm; media includes 18" GAC media, 9" filter sand (effective size 0.45 and uniformity coefficient of 1.5, 3" garnet (effective size 0.25 – 0.425 mm), 3" garnet (effective size 1.7 – 2.4 mm) (filter bed supported by 18" gravel)
Turbidity Performance Standards <sup>(b)</sup> (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to 0.3 NTU in 95% of Measurements in a Month 2 – Not exceed 1.0 NTU for more than eight consecutive hours. 3 – Not exceed 1.0 NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	100%

Highest single turbidity measurement during the year	0.14
Number of violations of any surface water treatment requirements	0

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

### Summary Information for Violation of a Surface Water TT

**Table 11. Violation of Surface Water TT**

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
None				

### Summary Information for Operating Under a Variance or Exemption

Not Applicable.

### Summary Information for Revised Total Coliform Rule Level 1 and Level 2 Assessment Requirements

Not Applicable.