

2024 Consumer Confidence Report

Water System Information

Water System Name: Forest Lakes Mutual Water System

Report Date: June 1, 2025

Type of Water Source(s) in Use: Groundwater

Name and General Location of Source(s): Eight wells in use, all located within the boundary of the Forest Lakes Subdivision

Drinking Water Source Assessment Information: An assessment of the drinking water sources for Forest Lakes Mutual Water Company (FLMWC) was completed in August 2002. The sources are considered most vulnerable to the following activities not associated with contaminants detected in the water supply: high density septic systems, storm drain discharge points, Equipment Storage Yard, mining sand/gravel. A copy can be obtained by calling the FLMWC office at (831)335-5774

Time and Place of Regularly Scheduled Board Meetings for Public Participation: Board of Directors Meetings are held at 7 p.m. on the second Tuesday of each month.

For More Information, Contact:

Sarah Wagner, General Manager – 831-335-5774

Deana Glenz, Water Operator – 831-335-5774

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 Forest Lakes Mutual Water Company a 910 Fern Ave, Felton CA 95018 831-335-5774 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 Forest Lakes Mutual Water Company 以获得中文的帮助: 910 Fern Ave, Felton CA 95018 831-335-5774.

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Forest Lakes Mutual Water Company 910 Fern Ave, Felton CA 95018 o tumawag sa 831-335-5774 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 Forest Lakes Mutual Water Company tại 910 Fern Ave, Felton CA 95018 831-335-5774 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 Forest Lakes Mutual Water Company ntawm 910 Fern Ave, Felton CA 95018 831-335-5774 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)

Term	Definition
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>	(2024)		0(a)	0	Human and animal fecal waste
Scenic System	ND	0			
Ferrari System	ND	0			
Gold Gulch System	ND	0			

(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

FLMWC monitors ten locations for Lead and Copper. All locations' results were well below the Regulatory Action Level (AL).

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	2022	10	3.5	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	2022	10	139	0	1300	300	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)				None	None	Salt present in the water and is generally naturally occurring
Scenic System	2023	21	n/a			
Ferrari System	2023	27.5	27 - 28			
Gold Gulch System	2024	23	n/a			
Hardness (ppm)	2023			None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring
Scenic System		156	n/a			
Ferrari System		76.5	76 – 77			
Gold Gulch System		207.6	17 – 485			

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

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Antimony, Total (µg/L)	2023			6	1	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Scenic System		N.D	n/a			
Ferrari System		N.D	n/a			
Gold Gulch System		0.5	3.3 – 0.9			
Arsenic (µg/L)				10	0.004	Erosion of natural deposits runoff from orchards; glass and electronics production waste
Scenic System	2023	N.D.	n/a			
Ferrari System	2023	0.5	N.D. – 1			
Gold Gulch System	2024	6	N.D. – 22			
Barium (mg/L)				1	2	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Scenic System	2023	.196	n/a			
Ferrari System	2023	.9315	.673 – 1.19			
Gold Gulch System	2024	.02	n/a			
Chlorine (ppm)	2024			4	4	Drinking water disinfectant added for treatment
Scenic System		1.30	0.95 – 1.51			
Ferrari System		1.14	0.98 – 1.36			
Gold Gulch System		0.90	0.21 – 2.34			
Chromium (µg/L)				50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits.
Scenic System	2017	ND	n/a			
Ferrari System	2020	0.9	n/a			
Gold Gulch System	2020	ND	n/a			

Chromium, Hex (µg/L)	2017			10	0.02	Erosion of natural deposits; transformation of naturally occurring trivalent chromium to hexavalent chromium by natural processes and human activities such as discharges from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities.
Scenic System		0.12	n/a			
Ferrari System		0.06	N.D. – 0.11			
Gold Gulch System		0.03	N.D. – 0.09			
Combined Uranium (pCi/L)	2023			20	.43	Erosion of natural deposits
Scenic System		N.D	N.D			
Ferrari System		N.D	N.D			
Gold Gulch System		6.77	5.5 – 7.7			
Fluoride (mG/L)				2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Scenic System	2023	N.D	N.D			
Ferrari System	2023	N.D	N.D			
Gold Gulch System	2024	0.1	n/a			
N Mercury (ug/L)	2023			2	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland.
Scenic System		N.D	N.D.			
Ferrari System		N.D.	N.D.			
Gold Gulch System		0.10	N.D – 0.3			
Nickle (ug/L)				100	12	Erosion of natural deposits; discharge from metal factories
Scenic System	2023	N.D	n/a			
Ferrari System	2023	N.D	n/a			
Gold Gulch System	2024	.0068	n/a			
Nitrate (as N) (mg/L)				10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.
Scenic System	2023	N.D	N.D			
Ferrari System	2023	N.D	N.D			
Gold Gulch System	2024	0.15	N.D.–0.3			
Selenium (ug/L)				50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)
Scenic System	2023	N.D	n/a			
Ferrari System	2023	N.D	n/a			
Gold Gulch System	2024	.0022	.0022			

Toluene (ug/L)	2023			150	150	Discharge from petroleum and chemical factories; underground gas tank leaks.
Scenic System		0.91	n/a			
Ferrari System		N.D	N.D			
Gold Gulch System		N.D	N.D			
TTHMs (Total Trihalomethanes) ppb	2023			80	N/A	Byproduct of drinking water disinfection.
Gold Gulch System		4.71	2.0 – 14.0			

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

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride (mg/L)				500	N/A	Runoff/leaching from natural deposits; seawater influence.
Scenic System	2023	20.10	n/a			
Ferrari System	2020	31	n/a			
Gold Gulch System	2024	19	n/a			
Color (units)	2023			15	N/A	Naturally occurring organic materials.
Gold Gulch System		5.0	n/a			
Copper, mg/L	2020					Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Ferrari System		.22	n/a	1.3	0.3	
Iron (ug/L)	2024			300	N/A	Leaching from natural deposits.
Scenic System		75.91	N.D – 464			
Ferrari System		164.5	N.D – 1020			
Gold Gulch System		15.2	N.D - 84			
Manganese (ug/L)	2024			300	N/A	Leaching from natural deposits.
Scenic System		N.D.	n/a			
Ferrari System		41.5	N.D – 385			
Gold Gulch System		N.D.	n/a			
Sulfate (mg/L)				500	N/A	Runoff/leaching from natural deposits; industrial waste.
Scenic System	2023	32.0	n/a			
Ferrari System	2023	38.5	21 – 56			
Gold Gulch System	2024	29	n/a			
Total Dissolved Solids (mg/L)				1000	N/A	Runoff/leaching from natural deposits.
Scenic System	2023	264.0	n/a			
Ferrari System	2023	225.0	216 – 234			
Gold Gulch System	2024	372.00	n/a			

Turbidity (units)				5	N/A	Soil runoff.
Scenic System	2023	2.7	n/a			
Ferrari System	2024	2.375	N.D. – 6.9			
Gold Gulch System	2024	0.20	n/a			
Zinc (mg/L)	2023			5	N/A	Leaching from natural deposits.
Scenic System		N.D.	n/a			
Ferrari System		0.017	N.D. – .03			
Gold Gulch System		N.D	N.D			

Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects
Boron, Total (mg/L)	2020			1	Most human exposure to boron comes from either boric acid or borax. Boric acid is the form of boron most likely to be encountered in drinking water and can be lethal at high concentrations.
Scenic System		N.D	n/a		
Ferrari System		N.D	n/a		
Gold Gulch System		0.983	0.025 – 0.14		
Calcium (mg/L)				n/a	Leaching from natural deposits.
Scenic System	2023	50	n/a		
Ferrari System	2023	21.5	21-22		
Gold Gulch System	2024	84	n/a		
Magnesium (mg/L)				n/a	Leaching from natural deposits.
Scenic System	2023	7.8	n/a		
Ferrari System	2023	5.7	5.3 - 6.10		
Gold Gulch System	2024	6.5	n/a		
Potassium (mg/L)				n/a	Leaching from natural deposits.
Scenic System	2023	5.10	n/a		
Ferrari System	2023	3.45	3 – 3.9		
Gold Gulch System	2024	5.4	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 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. Forest Lakes Mutual Water Company 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 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>.

Additional Special Language for Arsenic: While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic’s possible health effects against the cost or removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

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>	0	2024	0	(0)	Human and animal fecal waste
Enterococci	0	2024	TT	N/A	Human and animal fecal waste
Coliphage	0	2024	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

Forest Lakes Mutual Water Company did not have any coliform positive drinking water samples during 2024 calendar year.

Table 9. Violation of Groundwater TT

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

