

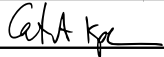
Consumer Confidence Report Certification Form

(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/certlic/drinkingwater/CCR.shtml)

Water System Name:	River Retreat Mutual Water Company
Water System Number:	CA5400556

The water system named above hereby certifies that its Consumer Confidence Report was distributed on **04/28/2024** (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:	Catherine A Karplus	
	Signature:		
	Title:	Water Distribution operator D-1	
	Phone Number:	() 559-901-5156	Date: 05/01/2024

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:
We emailed it to consumers, and also texted everyone with a link to where it is posted online. We called customers who do not receive texts.

☒ "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://~~ <https://rrmwc.weebly.com/>
- ☐ 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

2023 Consumer Confidence Report

Water System Name: River Retreat Mutual Water Company

Report Date: April 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: Regularly-scheduled water board or city/county council meetings are not currently held

Your water comes from 1 source(s): WELL 02 - RAW

Opportunities for public participation in decisions that affect drinking water quality: RRMWC provides 1 to 2 shareholder meeting per year held in January and again in the summer. Shareholders are mailed an invitation/agenda and sometimes texted as well.

For more information about this report, or any questions relating to your drinking water, please call 559-575-0811 and ask for Catie Karplus or email rrmwcbody@gmail.com or visit our website at rrmwc.weebly.com/.

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)

NTU: Nephelometric Turbidity Units

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, 5, 6 and 7 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
Lead (ug/L)	(2022)	5	8.9	1	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (mg/L)	(2022)	5	0.21	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)	(2021)	224	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021)	264	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
Arsenic (ug/L)	(2021)	3	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Fluoride (mg/L)	(2021)	0.5	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Selenium (ug/L)	(2021)	7	n/a	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)
Gross Alpha (pCi/L)	(2018)	7.05	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)	(2021)	510	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Odor Threshold at 60 °C (TON)	(2023)	288	128 - 512	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2021)	2070	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2021)	7.3	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2021)	1350	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2021)	2.1	n/a	5	n/a	Soil runoff

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2021)	1.3	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 6 - 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)	(2021)	96	n/a	n/a	n/a
Magnesium (mg/L)	(2021)	6	n/a	n/a	n/a
pH (units)	(2021)	7.1	n/a	n/a	n/a
Alkalinity (mg/L)	(2021)	100	n/a	n/a	n/a
Aggressiveness Index	(2021)	11.5	n/a	n/a	n/a
Langelier Index	(2021)	-0.4	n/a	n/a	n/a

Table 7 - 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
Total Trihalomethanes (TTHMs) (ug/L)	(2021)	17	n/a	80	n/a	No	By-product of drinking water disinfection
Chlorine (mg/L)	(2021)	0.95	.29 - 2.17	4.0	4.0	No	Drinking water disinfectant added for treatment.
Haloacetic Acids (five) (ug/L)	(2021)	4	n/a	60	n/a	No	By-product of drinking water disinfection

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. *River Retreat Mutual Water Co.* 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>.

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

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	Explanation	Duration	Actions Taken To Correct the Violation	Health Effects Language
Lead				Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.
Chloride				n/a

Odor Threshold at 60 °C				Odor was found at levels that exceed the secondary MCL. The Odor MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Specific Conductance				The conductivity of your water was found at levels that exceed the secondary MCL. The secondary MCLs were set to protect you against unpleasant aesthetic affects such as color, taste and odor. Violating this MCL does not pose a risk to public health.
Total Dissolved Solids				The TDS or Total Dissolved Solids in your water was found at levels that exceed the secondary MCL. The TDS MCLs was set to protect you against unpleasant aesthetic affects such as color, taste or hardness. Violating this MCL does not pose a risk to public health.

2023 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A Drinking Water Source Assessment has not been completed for the WELL 02 of the RIVER RETREAT MUTUAL water system.

WELL 02 - RAW - does not have a completed assessment on file.

Discussion of Vulnerability

Assessment summaries are not available for some sources. This is because:

- ☐ The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
- ☐ The source is not active. It may be out of service, or new and not yet in service.
- ☐ The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

Acquiring Information

For more info you may visit https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html or contact the health department in the county to which the water system belongs as indicated on this following link: https://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf

River Retreat Mutual Water Co.

Analytical Results By FGL - 2023

LEAD AND COPPER RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ug/L	0	15	0.2			8.9	5
40972 Oakridge	VI 2246434-4	ug/L				2022-08-19	ND		
41056 Oakridge	VI 2246434-5	ug/L				2022-08-19	ND		
41084 Oakridge	VI 2246434-2	ug/L				2022-08-19	ND		
41099 Oakridge	VI 2246434-3	ug/L				2022-08-19	17.8		
4113C Oakridge	VI 2246434-1	ug/L				2022-08-19	ND		
Copper		mg/L		1.3	.3			0.205	5
40972 Oakridge	VI 2246434-4	mg/L				2022-08-19	ND		
41056 Oakridge	VI 2246434-5	mg/L				2022-08-19	0.20		
41084 Oakridge	VI 2246434-2	mg/L				2022-08-19	ND		
41099 Oakridge	VI 2246434-3	mg/L				2022-08-19	0.21		
4113C Oakridge	VI 2246434-1	mg/L				2022-08-19	0.06		

SAMPLING RESULTS FOR SODIUM AND HARDNESS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			224	224 - 224
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	224		
Hardness		mg/L		none	none			264	264 - 264
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	264		

PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			3	3 - 3
WELL 02 - RAW	VI 2147310-1	ug/L				2021-09-15	3		
Fluoride		mg/L		2	1			0.5	0.5 - 0.5
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	0.5		
Selenium		ug/L	50	50	30			7	7 - 7
WELL 02 - RAW	VI 2147310-1	ug/L				2021-09-15	7		
Gross Alpha		pCi/L		15	(0)			7.05	7.05 - 7.05
WELL 02 - RAW	VI 1845375-1	pCi/L				2018-10-04	7.05		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			510	510 - 510
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	510		
Odor Threshold at 60 °C		TON		3	n/a			288	128 - 512
WELL 02 - RAW	VI 2347474-1	TON				2023-11-06	512		
WELL 02 - RAW	VI 2345073-1	TON				2023-08-02	256		
WELL 02 - RAW	VI 2342890-1	TON				2023-05-10	128		
WELL 02 - RAW	VI 2340787-1	TON				2023-02-08	256		
Specific Conductance		umhos/cm		1600	n/a			2070	2070 - 2070
WELL 02 - RAW	VI 2147310-1	umhos/cm				2021-09-15	2070		
Sulfate		mg/L		500	n/a			7.3	7.3 - 7.3
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	7.3		
Total Dissolved Solids		mg/L		1000	n/a			1350	1350 - 1350
WELL 02 - RAW	VI 2147310-1	mg/L				2021-09-15	1350		
Turbidity		NTU		5	n/a			2.1	2.1 - 2.1
WELL 02 - RAW	VI 2147310-1	NTU				2021-09-15	2.1		

UNREGULATED CONTAMINANTS

River Retreat Mutual Water Co.

CCR Login Linkage - 2023

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
40972	VI 2341186-4	2023-02-27	Coliform	40972	River Retreat Mutual Water Co.
40972 Oakridge	VI 2246434-4	2022-08-19	Metals, Total	40972 Oakridge	Lead and Copper Monitoring
40972 OAKRDG	VI 2341119-4	2023-02-22	Coliform	40972 Oakridge	Bacteriological Analysis
	VI 2348384-1	2023-12-11	Coliform	40972 Oakridge	Repeat Samples
	VI 2348517-4	2023-12-13	Coliform	40972 Oakridge	Repeat Samples
41056 Oakridge	VI 2246434-5	2022-08-19	Metals, Total	41056 Oakridge	Lead and Copper Monitoring
41070 OAKRDG	VI 2348384-4	2023-12-11	Coliform	41070 Oakridge	Repeat Samples
41070 Oakridge	VI 2348517-3	2023-12-13	Coliform	41070 Oakridge	Repeat Samples
41084 Oakridge	VI 2246434-2	2022-08-19	Metals, Total	41084 Oakridge	Lead and Copper Monitoring
41099 Oakridge	VI 2246434-3	2022-08-19	Metals, Total	41099 Oakridge	Lead and Copper Monitoring
41113-C OAKRIDG	VI 2348517-2	2023-12-13	Coliform	41113-C Oakridge	Repeat Samples
41113C OAKRIDGE	VI 2341119-3	2023-02-22	Coliform	41113C Oakridge	Bacteriological Analysis
	VI 2341186-3	2023-02-27	Coliform	41113C Oakridge	River Retreat Mutual Water Co.
	VI 2348384-3	2023-12-11	Coliform	41113C Oakridge	Repeat Samples
4113C Oakridge	VI 2246434-1	2022-08-19	Metals, Total	4113C Oakridge	Lead and Copper Monitoring
41148 OAKRIDGE	VI 2140129-1	2021-01-07	Field Test	41148 Oakridge	Water Monitoring
	VI 2141061-1	2021-02-11	Field Test	41148 Oakridge	Water Monitoring
	VI 2141899-1	2021-03-11	Field Test	41148 Oakridge	Water Monitoring
	VI 2142864-1	2021-04-19	Field Test	41148 Oakridge	Water Monitoring
	VI 2340106-1	2023-01-06	Coliform	41148 Oakridge	Water Monitoring
	VI 2340786-1	2023-02-08	Coliform	41148 Oakridge	Water Monitoring
	VI 2341119-1	2023-02-22	Coliform	41148 Oakridge	Bacteriological Analysis
	VI 2341186-1	2023-02-27	Coliform	41148 Oakridge	River Retreat Mutual Water Co.
	VI 2341657-1	2023-03-20	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2341960-1	2023-04-03	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2342889-1	2023-05-10	Coliform	41148 Oakridge	Water Monitoring
	VI 2343500-1	2023-06-05	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2344143-1	2023-07-06	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2345072-1	2023-08-02	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2346040-1	2023-09-06	Coliform	41148 Oakridge	Coliform Monitoring
	VI 2346649-1	2023-10-02	Coliform	41148 Oakridge	Water Monitoring
41148 Oakridge	VI 2347473-1	2023-11-06	Coliform	41148 Oakridge	Water Monitoring
41148 OAKRIDGE	VI 2348125-1	2023-12-04	Coliform	41148 Oakridge	Coliform Monitoring
ST2S1-DBP	VI 2147612-1	2021-09-24	EPA 551.1	ST2S1 - 40972 OAK RIDGE DR	RIVER RETREAT MUTUAL
	VI 2147612-1	2021-09-24	EPA 552.2	ST2S1 - 40972 OAK RIDGE DR	RIVER RETREAT MUTUAL
WELL 02	VI 1845375-1	2018-10-04	Radio Chemistry	WELL 02 - RAW	Well 2 - Water Quality
	VI 2147310-1	2021-09-15	Metals, Total	WELL 02 - RAW	Well 2 - Water Quality
	VI 2147310-1	2021-09-15	Wet Chemistry	WELL 02 - RAW	Well 2 - Water Quality
	VI 2147310-1	2021-09-15	General Mineral	WELL 02 - RAW	Well 2 - Water Quality
	VI 2340787-1	2023-02-08	Wet Chemistry	WELL 02 - RAW	Well 02-Odor Monitoring
	VI 2342890-1	2023-05-10	Wet Chemistry	WELL 02 - RAW	Well 02-Odor Monitoring
	VI 2345073-1	2023-08-02	Wet Chemistry	WELL 02 - RAW	Well 02-Odor Monitoring
	VI 2347474-1	2023-11-06	Wet Chemistry	WELL 02 - RAW	Well 02-Odor Monitoring