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:	**ORWOOD RESORT**
Water System Number:	**CA0707545**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____(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:		
	Signature:		
	Title:		
	Phone Number:	( )	Date:

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:

_____

_____

☐ "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.)

2024 Consumer Confidence Report

Water System Name: ORWOOD RESORT Report Date: March 2025

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, 2024.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alquien 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 2 - WEST WELL

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 (925) 634-7181 and ask for Orwood Resort or email lynne@orwoodresort.com or visit our website at orwoodresort.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.

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)

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 if 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, 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)	(2024)	5	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (mg/L)	(2024)	5	0	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)	(2023)	94	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2023)	223	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**

Fluoride (mg/L)	(2023)	0.2	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Gross Alpha (pCi/L)	(2023)	2.88	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)	(2023)	74	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ug/L)	(2023)	190	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2023)	140	n/a	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2023)	902	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2023)	104	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2023)	540	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2023)	0.36	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**	**Health Effects**
Boron (mg/L)	(2023)	1.9	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Manganese (ug/L)	(2023)	140	n/a	500	Manganese exposures resulted in neurological effects. High levels of manganese in people have been shown to result in adverse effects to the nervous system.

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)	(2023)	53	n/a	n/a	n/a
Magnesium (mg/L)	(2023)	22	n/a	n/a	n/a
pH (units)	(2023)	7.9	n/a	n/a	n/a
Alkalinity (mg/L)	(2023)	270	n/a	n/a	n/a
Aggressiveness Index	(2023)	12.5	n/a	n/a	n/a
Langelier Index	(2023)	0.6	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**
Chlorine, Total (mg/L)	(2022)	0.33	ND - 0.65	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 if 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. *Orwood Resort, Inc* 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**
Manganese				Manganese exposures resulted in neurological effects. High levels of manganese in people have been shown to result in adverse effects to the nervous system.

2024 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information
A Drinking Water Source Assessment was conducted for the WELL 2 - WEST WELL of the ORWOOD RESORT water system in December, 2002.

WELL 2 - WEST WELL - is considered most vulnerable to the following activities not associated with any detected contaminants:
Recreational area - surface water source

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:
CONTRA COSTA ENVIRONMENTAL HEALTH
2120 DIAMOND BLVD., STE 200
CONCORD, CA 94520

You may request a summary of the assessment be sent to you by contacting:
TIM ELLSWORTH
REGISTERED ENVIRONMENTAL HEALTH SPECIALIST
(925)692-2537
timothy.ellsworth@hsd.cccounty.us

Orwood Resort, Inc

Analytical Results By FGL - 2024

MICROBIOLOGICAL CONTAMINANTS									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Total Coliform Bacteria			0	5%	n/a			ND	-
Restaurant Sink	STK2457486-1					2024-12-02	Absent		
Restaurant Sink	STK2456228-1					2024-11-04	Absent		
Restaurant Sink	STK2454825-1					2024-10-07	Absent		
Restaurant Sink	STK2453465-1					2024-09-09	Absent		
Restaurant Sink	STK2451219-1					2024-08-05	Absent		
Restaurant Sink	STK2439832-1					2024-07-08	Absent		
Restaurant Sink	STK2437996-1					2024-06-03	Absent		
Restaurant Sink	STK2436215-1					2024-05-06	Absent		
Restaurant Sink	STK2434264-1					2024-04-01	Absent		
Restaurant Sink	STK2433097-1					2024-03-04	Absent		
Restaurant Sink	STK2431637-1					2024-02-05	Absent		
Restaurant Sink	STK2430284-1					2024-01-04	Absent		
Fecal coliform and E. coli				0	n/a			ND	-
Restaurant Sink	STK2457486-1					2024-12-02	Absent		
Restaurant Sink	STK2456228-1					2024-11-04	Absent		
Restaurant Sink	STK2454825-1					2024-10-07	Absent		
Restaurant Sink	STK2453465-1					2024-09-09	Absent		
Restaurant Sink	STK2451219-1					2024-08-05	Absent		
Restaurant Sink	STK2439832-1					2024-07-08	Absent		
Restaurant Sink	STK2437996-1					2024-06-03	Absent		
Restaurant Sink	STK2436215-1					2024-05-06	Absent		
Restaurant Sink	STK2434264-1					2024-04-01	Absent		
Restaurant Sink	STK2433097-1					2024-03-04	Absent		
Restaurant Sink	STK2431637-1					2024-02-05	Absent		
Restaurant Sink	STK2430284-1					2024-01-04	Absent		

LEAD AND COPPER RULE									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**90th Percentile**	**# Samples**
Lead		ug/L	0	15	0.2			0	5
Cafe Sink	STK2451841-3	ug/L				2024-08-12	ND		
Campground BR	STK2451841-4	ug/L				2024-08-12	ND		
Composite #46 HB	STK2451841-2	ug/L				2024-08-12	ND		
Hosebib at Shop	STK2451841-5	ug/L				2024-08-12	ND		
Parking Lot BR Sink	STK2451841-1	ug/L				2024-08-12	ND		
Copper		mg/L		1.3	.3			0	5
Cafe Sink	STK2451841-3	mg/L				2024-08-12	ND		
Campground BR	STK2451841-4	mg/L				2024-08-12	ND		
Composite #46 HB	STK2451841-2	mg/L				2024-08-12	ND		
Hosebib at Shop	STK2451841-5	mg/L				2024-08-12	ND		
Parking Lot BR Sink	STK2451841-1	mg/L				2024-08-12	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Sodium		mg/L		none	none			94	94 - 94
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	94		
Hardness		mg/L		none	none			223	223 - 223
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	223		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**

Fluoride		mg/L		2	1			0.2	0.2 - 0.2
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	0.2		
Gross Alpha		pCi/L		15	(0)			2.88	2.88 - 2.88
WELL 2 - WEST WELL	STK2350401-1	pCi/L				2023-08-07	2.88		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			74	74 - 74
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	74		
Iron		ug/L		300	n/a			190	190 - 190
WELL 2 - WEST WELL	STK2350401-1	ug/L				2023-08-07	190		
Manganese		ug/L		50	n/a			140	140 - 140
WELL 2 - WEST WELL	STK2350401-1	ug/L				2023-08-07	140		
Specific Conductance		umhos/cm		1600	n/a			902	902 - 902
WELL 2 - WEST WELL	STK2350401-1	umhos/cm				2023-08-07	902		
Sulfate		mg/L		500	n/a			104	104 - 104
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	104		
Total Dissolved Solids		mg/L		1000	n/a			540	540 - 540
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	540		
Turbidity		NTU		5	n/a			0.36	0.36 - 0.36
WELL 2 - WEST WELL	STK2350859-1	NTU				2023-08-10	0.36		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			1.9	1.9 - 1.9
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	1.9		
Manganese		ug/L		NS	n/a			140	140 - 140
WELL 2 - WEST WELL	STK2350401-1	ug/L				2023-08-07	140		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			53	53 - 53
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	53		
Magnesium		mg/L			n/a			22	22 - 22
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	22		
pH		units			n/a			7.9	7.9 - 7.9
WELL 2 - WEST WELL	STK2350401-1	units				2023-08-07	7.9		
Alkalinity		mg/L			n/a			270	270 - 270
WELL 2 - WEST WELL	STK2350401-1	mg/L				2023-08-07	270		
Aggressiveness Index					n/a			12.5	12.5 - 12.5
WELL 2 - WEST WELL	STK2350401-1					2023-08-07	12.5		
Langelier Index					n/a			0.6	0.6 - 0.6
WELL 2 - WEST WELL	STK2350401-1					2023-08-07	0.6		

DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chlorine		mg/L		4.0	4.0			0.33	ND - 0.65
WELL 2 - WEST WELL	STK2252725-4	mg/L				2022-09-08	0.65		
WELL 2 - WEST WELL	STK2251134-4	mg/L				2022-08-09	ND		
Average WELL 2 - WEST WELL								0.33	

Orwood Resort, Inc

CCR Login Linkage - 2024

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
DST_LCR	STK2451841-3	2024-08-12	Metals, Total	Cafe Sink	Lead & Copper Monitoring
	STK2451841-4	2024-08-12	Metals, Total	Campground BR	Lead & Copper Monitoring
	STK2451841-2	2024-08-12	Metals, Total	Composite #46 HB	Lead & Copper Monitoring
	STK2451841-5	2024-08-12	Metals, Total	Hosebib at Shop	Lead & Copper Monitoring
	STK2451841-1	2024-08-12	Metals, Total	Parking Lot BR Sink	Lead & Copper Monitoring
RestaurantSink	STK2430284-1	2024-01-04	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2431637-1	2024-02-05	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2433097-1	2024-03-04	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2434264-1	2024-04-01	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2436215-1	2024-05-06	Coliform	Restaurant Sink	Drinking Water Monitoring
ROUT 1	STK2437996-1	2024-06-03	Coliform	Restaurant Sink	Bacteriologcal Monitoring
RestaurantSink	STK2439832-1	2024-07-08	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2451219-1	2024-08-05	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2453465-1	2024-09-09	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2454825-1	2024-10-07	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2456228-1	2024-11-04	Coliform	Restaurant Sink	Drinking Water Monitoring
	STK2457486-1	2024-12-02	Coliform	Restaurant Sink	Drinking Water Monitoring
WELL 2	STK2251134-4	2022-08-09	Field Test	WELL 2 - WEST WELL	Bacteriological Sampling
	STK2252725-4	2022-09-08	Field Test	WELL 2 - WEST WELL	ORWOOD RESORT
	STK2350401-1	2023-08-07	General Mineral	WELL 2 - WEST WELL	Well 2 Water Quality Monitoring
	STK2350401-1	2023-08-07	Radio Chemistry	WELL 2 - WEST WELL	Well 2 Water Quality Monitoring
	STK2350859-1	2023-08-10	Wet Chemistry	WELL 2 - WEST WELL	Well 2 Water Quality Monitoring