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:	**CASA DULCE ESTATES**
Water System Number:	**CA1900717**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 3/20/24 (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:	Judith Cannon	
	Signature:	Judith Cannon	
	Title:	Water District Manager, Treasurer	
	Phone Number:	(805) 404-7765	Date: 3/20/2024

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:

It was put into each homeowner's mailbox by myself.

☐ "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.)

2023 Consumer Confidence Report

Water System Name: CASA DULCE ESTATES Report Date: March 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 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 02

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings are held at Casa Dulce Estates every 2nd Sunday of January and July. Time and date are announced in a mailing.

For more information about this report, or any questions relating to your drinking water, please call (805) 404-7765 and ask for Judith Cannon.

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)

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.

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, AI, or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Sources of Contaminant
Total Coliform Bacteria	6/year (2023)	2	no more than 1 positive monthly sample	0	Naturally present in the environment.

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)	50	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2023)	261	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)	(2023)	7	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
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.

Nitrate as N (mg/L)	(2023)	3	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2023)	3	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2020)	ND	ND - 1.28	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)	77	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ug/L)	(2023)	1460	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2023)	20	n/a	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2023)	768	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2023)	122	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2023)	500	n/a	1000	n/a	Runoff/leaching from natural deposits
Zinc (mg/L)	(2023)	0.04	n/a	5	n/a	Runoff/leaching from natural deposits

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
Manganese (ug/L)	(2023)	20	n/a	n/a	n/a

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)	65	n/a	n/a	n/a
Magnesium (mg/L)	(2023)	24	n/a	n/a	n/a
pH (units)	(2023)	7.21	n/a	n/a	n/a
Alkalinity (mg/L)	(2023)	140	n/a	n/a	n/a
Aggressiveness Index	(2023)	11.6	n/a	n/a	n/a
Langelier Index	(2023)	-0.3	n/a	n/a	n/a

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. *Casa Dulce Estates* 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**
Total Coliform Bacteria				Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.
Iron				Iron was found at levels that exceed the secondary MCL. The Iron 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.

About your Arsenic: For Arsenic detected above 5 ug/L (50% of the MCL) but below or equal to 10 ug/L: 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 costs of 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.

2023 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 02 of the CASA DULCE ESTATES water system in April, 2002.

WELL 02 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - low density [<1/acre]
Injection wells/dry wells/ sumps

Discussion of Vulnerability

This water system draws from one well and the water delivered from this system is known to have elevated nitrate levels -
over half the MCL of 45 ppm. Los Angeles County Environmental Health currently oversees this system and conducts the required monitoring tests.

Acquiring Information

A copy of the complete assessment may be viewed at:
Los Angeles County Environmental Health
2525 Corporate Pl. Room 150
Monterey Park, CA 91754

You may request a summary of the assessment be sent to you by contacting:
Russ Johnson
Chief Environmental Health Specialist
(323) 881-4147
(323) 269-4327 (fax)

Casa Dulce Estates

Analytical Results By FGL - 2023

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%	n/a			2	1 - 30.6
Cannon House-Lot 9	SP 2313598-4					2023-08-09	Absent		
Club House	SP 2312411-3					2023-07-19	<1		
Club House	SP 2312062-3					2023-07-14	1		
Hamilton	SP 2319219-1					2023-11-16	<1		
Hamilton House	SP 2319158-1					2023-11-15	<1		
Hamilton House	SP 2312411-1					2023-07-19	<1		
Hamilton House	SP 2312062-1					2023-07-14	<1		
Hamilton House-Lot 2	SP 2313598-2					2023-08-09	Absent		
Kaplan House	SP 2319219-3					2023-11-16	<1		
Kaplan House	SP 2319158-3					2023-11-15	<1		
Kaplan House-Lot 14	SP 2313598-3					2023-08-09	Absent		
Kaplin House	SP 2318908-3					2023-11-10	30.6		
Lot 02 - Hamilton House	SP 2318908-1					2023-11-10	28.8		
Rooke House-Lot 3	SP 2313598-5					2023-08-09	Absent		
Zimmerman House	SP 2320479-1					2023-12-13	Absent		
Zimmerman House	SP 2319219-2					2023-11-16	<1		
Zimmerman House	SP 2319158-2					2023-11-15	<1		
Zimmerman House	SP 2318908-2					2023-11-10	16.4		
Zimmerman House	SP 2318751-1					2023-11-08	Present		
Zimmerman House	SP 2317238-1					2023-10-11	Absent		
Zimmerman House	SP 2315543-1					2023-09-13	Absent		
Zimmerman House	SP 2313598-1					2023-08-09	Absent		
Zimmerman House	SP 2312411-2					2023-07-19	<1		
Zimmerman House	SP 2312062-2					2023-07-14	<1		
Zimmerman House	SP 2311931-1					2023-07-12	Present		
Zimmerman House	SP 2309977-1					2023-06-14	Absent		
Zimmerman House	SP 2307595-1					2023-05-10	Absent		
Zimmerman House	SP 2305461-1					2023-04-12	Absent		
Zimmerman House	SP 2303415-1					2023-03-08	Absent		
Zimmerman House	SP 2301954-1					2023-02-08	Absent		
Zimmerman House	SP 2300431-1					2023-01-11	Absent		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			50	50 - 50
WELL 02	SP 2309978-1	mg/L				2023-06-14	50		
Hardness		mg/L		none	none			261	261 - 261
WELL 02	SP 2309978-1	mg/L				2023-06-14	261		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			7	7 - 7
WELL 02	SP 2309978-1	ug/L				2023-06-14	7		
Fluoride		mg/L		2	1			0.2	0.2 - 0.2
WELL 02	SP 2309978-1	mg/L				2023-06-14	0.2		
Nitrate as N		mg/L		10	10			3.0	3.0 - 3.0
WELL 02	SP 2309978-1	mg/L				2023-06-14	3.0		
Nitrate + Nitrite as N		mg/L		10	10			3.0	3.0 - 3.0
WELL 02	SP 2309978-1	mg/L				2023-06-14	3.0		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.28

WELL 02	SP 2015607-1	pCi/L				2020-11-11	ND		
WELL 02	SP 2011232-1	pCi/L				2020-08-19	ND		
WELL 02	SP 2006277-1	pCi/L				2020-05-13	1.28		
WELL 02	SP 2002062-1	pCi/L				2020-02-12	ND		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			77	77 - 77
WELL 02	SP 2309978-1	mg/L				2023-06-14	77		
Iron		ug/L		300	n/a			1460	1460 - 1460
WELL 02	SP 2309978-1	ug/L				2023-06-14	1460		
Manganese		ug/L		50	n/a			20	20 - 20
WELL 02	SP 2309978-1	ug/L				2023-06-14	20		
Specific Conductance		umhos/cm		1600	n/a			768	768 - 768
WELL 02	SP 2309978-1	umhos/cm				2023-06-14	768		
Sulfate		mg/L		500	n/a			122	122 - 122
WELL 02	SP 2309978-1	mg/L				2023-06-14	122		
Total Dissolved Solids		mg/L		1000	n/a			500	500 - 500
WELL 02	SP 2309978-1	mg/L				2023-06-14	500		
Zinc		mg/L		5	n/a			0.04	0.04 - 0.04
WELL 02	SP 2309978-1	mg/L				2023-06-14	0.04		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Manganese		ug/L		NS	n/a			20	20 - 20
WELL 02	SP 2309978-1	ug/L				2023-06-14	20		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			65	65 - 65
WELL 02	SP 2309978-1	mg/L				2023-06-14	65		
Magnesium		mg/L			n/a			24	24 - 24
WELL 02	SP 2309978-1	mg/L				2023-06-14	24		
pH		units			n/a			7.21	7.21 - 7.21
WELL 02	SP 2309978-1	units				2023-06-14	7.21		
Alkalinity		mg/L			n/a			140	140 - 140
WELL 02	SP 2309978-1	mg/L				2023-06-14	140		
Aggressiveness Index					n/a			11.6	11.6 - 11.6
WELL 02	SP 2309978-1					2023-06-14	11.6		
Langelier Index					n/a			-0.3	-0.3 - -0.3
WELL 02	SP 2309978-1					2023-06-14	-0.3		

	SP 2320479-1	2023-12-13	Coliform	Zimmerman House	Water System Monitoring