2024 Consumer Confidence Report

Water System Name:	CASA DULCE ESTATES	Report Date:	February 2025	
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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 \acute{o} 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.

Table(s) 1, 2, 3, 4, 5 and 6 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 - SA	Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA										
Micropiological	Highest No. of Detections				Typical Sources of Contaminant						
Total Coliform Bacteria	0 (2024)	ND	no more than 1 positive monthly sample		Naturally present in the environment.						

	Table 2	- SAMPLING	RESULTS FO	R SO	DIUM AND	HARDNESS
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	DHC	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 CONTA	MINANTS W	ITH A <u>PRI</u>	MARY DRI	NKING WATER STANDARD
Chemical or Constituent (and reporting units)	Sample Date	Average	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)		2.8	2.6 - 3.0	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 - DET	ECTION OF C	ONTAMINA	NTS WITH A	SECO	NDARY DI	RINKING 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 - 2024)	610	ND - 1500	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 - DETECTIO	N OF UNREGU	LATED CONTA	MINANTS
Chemical or Constituent (and reporting units)		A	Range of Detections	Notification	Health Effects
Manganese (ug/L)	(2023)	20	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.

ample Date (2023)	Average Level Detected 65	TONAL DETECTI Range of Detections	Notification Level	Typical Sources of Contaminant
(2023)	65			Contaminant
	00	n/a	n/a	2/2
(2023)	2.4		,	n/a
				n/a
			n/a	n/a
	140	n/a	n/a	n/a
(2023)	11.6	n/a	,	n/a
(2023)	-0.3			n/a
-	(2023) (2023) (2023) (2023) (2023)	(2023) 7.21 (2023) 140 (2023) 11.6	(2023) 7.21 n/a (2023) 140 n/a (2023) 11.6 n/a	(2023) 24 n/a n/a (2023) 7.21 n/a n/a (2023) 140 n/a n/a (2023) 11.6 n/a n/a (2023) 20.3 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-

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
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.

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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 - $\frac{1}{2}$

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 - 2024

	SAMPLING RESULTS FOR SODIUM AND HARDNESS									
Sodium		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)	
		mg/L		none	none					
WELL 02	SP 2309978-1	mg/L				2022 00 14		50	50 - 50	
Hardness						2023-06-14	50		1	
WELL 02	GD COSCS -	mg/L		none	none			261	261 - 261	
WELL 02	SP 2309978-1	mg/L				2023-06-14	261		201 201	

	PRIMA	ARY DRIN	KING WA	ATER STAN	DARDS	(PDWS)			
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg.	Range (b)
Arsenic		ug/L		10	0.004			Result(a)	
WELL 02	SP 2309978-1	ug/L		10	0.004	2022.06.14		7	7 - 7
Fluoride		mg/L		2	1	2023-06-14	7		
WELL 02	SP 2309978-1	mg/L			1	000000000000000000000000000000000000000		0.2	0.2 - 0.2
Nitrate as N		mg/L		10	4.0	2023-06-14	0.2		
Well 02	SP 2410053-1	mg/L		10	10			2.8	2.6 - 3.0
WELL 02	SP 2309978-1	mg/L				2024-06-19	2.6		
Nitrate + Nitrite as N	[01 20099/0-1			1.0		2023-06-14	3.0		
WELL 02	SP 2309978-1	mg/L		10	10			3.0	3.0 - 3.0
Gross Alpha	01 2003370-1	mg/L				2023-06-14	3.0		
WELL 02	SP 2015607-1	pCi/L		15	(0)			ND	ND - 1.28
WELL 02		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		
TELL OF	SP 2002062-1	pCi/L				2020-02-12	ND		

	SECON	DARY DRINE	KING WA	TER STANI	DARDS	(SDWS)			
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a				
WELL 02	SP 2309978-1	mg/L		000	11/4	2023-06-14	55	77	77 - 77
Iron		ug/L		300	/-	2023-00-14	77		
Well 02	SP 2416594-1	ug/L		300	n/a	000		610	ND - 1500
Well 02	SP 2411198-1					2024-10-09	30		
Well 02	SP 2405392-1	ug/L				2024-07-10	60		
Well 02	SP 2400537-1	ug/L				2024-04-10	1500		
WELL 02	The same of the sa	ug/L				2024-01-10	ND		
Manganese	SP 2309978-1	ug/L				2023-06-14	1460		
WELL 02		ug/L		50	n/a			20	20 - 20
	SP 2309978-1	ug/L				2023-06-14	20	AU.	20-20
Specific Conductance		umhos/cm		1600	n/a			768	F.00 F.00
WELL 02	SP 2309978-1	umhos/cm			/	2023-06-14	768	/08	768 - 768
Sulfate		mg/L		500	n/a	2023-00-14	/08		
WELL 02	SP 2309978-1	mg/L		500	11/а	0000 00 11		122	122 - 122
Total Dissolved Solids		mg/L		1000	, I	2023-06-14	122		
WELL 02	SP 2309978-1			1000	n/a			500	500 - 500
Zinc	102 2000070-1	mg/L				2023-06-14	500		
VELL 02	SP 2309978-1	mg/L		5	n/a			0.04	0.04 - 0.04
	3F 23099/8-1	mg/L				2023-06-14	0.04		

		UNREC	GULATED	CONTAMIN	VANTS				
D.C.		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Manganese		ug/L		NS	n/a				
WELL 02	SP 2309978-1	ug/L			-1.7 (1	2023-06-14	0.0	20	20 - 20
						2023-00-14	20		

ADI	TTTONA						
		DETECTIO	7		_		
Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
						ziobure(u)	

Calcium		mg/L					
WELL 02	SP 2309978-1		n/a			65	65 - 65
Magnesium	01 2303370-1	mg/L		2023-06-14	65		
WELL 02	ICD COCCES (mg/L	n/a			24	24 - 24
pH	SP 2309978-1	mg/L		2023-06-14	24		
		units	n/a			7.21	7.21 - 7.21
WELL 02	SP 2309978-1	units		2023-06-14	7.21	7.21	1.21 - 1.21
Alkalinity		mg/L	n/a	2023-00-14	7.21		
WELL 02	SP 2309978-1	mg/L	11/a	0000		140	140 - 140
Aggressiveness Index		mg/E		2023-06-14	140		
WELL 02	CD 22000TO 4		n/a			11.6	11.6 - 11.6
Langelier Index	SP 2309978-1			2023-06-14	11.6		
	,		n/a			-0.3	-0.30.3
WELL 02	SP 2309978-1			2023-06-14	-0.3	0.0	-0.30.3

Casa Dulce Estates CCR Login Linkage - 2024

FGL Code	Lab ID	Date_Sample	d Method	Description	Proposition
CuPb-ss01	SP 2209660-1	2022-06-07	Metals, Total	Carroll	Property
CuPb-ss02	SP 2209660-2	2022-06-07	Metals, Total	Kaplan	Copper & Lead Monitoring
CuPb-ss03	SP 2209660-3	2022-06-07	Metals, Total	Rooke	Copper & Lead Monitoring
CuPb-ss04	SP 2209660-4	2022-06-07	Metals, Total	Tindall	Copper & Lead Monitoring
WELL 02	SP 1415108-1	2014-12-30	EPA 524.2	WELL 02	Copper & Lead Monitoring
	SP 1415108-1	2014-12-30	Metals, Total		CASA DULCE ESTATES
	SP 2002062-1	2020-02-12	Radio Chemistry	WELL 02 WELL 02	CASA DULCE ESTATES
	SP 2006277-1	2020-05-13	Radio Chemistry		Radiological Gross Alpha Monitoring
	SP 2011232-1	2020-08-19		WELL 02	Radiological Gross Alpha Monitoring
	SP 2015607-1	2020-00-19	Radio Chemistry	WELL 02	Radiological Gross Alpha Monitoring
	SP 2309978-1	2023-06-14	Radio Chemistry	WELL 02	Radiological Gross Alpha Monitoring
	SP 2309978-1	2023-06-14	Metals, Total	WELL 02	Water Quality Monitoring
	SP 2400537-1	2024-01-10	General Mineral	WELL 02	Water Quality Monitoring
	SP 2405392-1	2024-01-10	Metals, Total	Well 02	Quarterly Iron Monitoring
	SP 2410053-1	2024-04-10	Metals, Total	Well 02	Quarterly Iron Monitoring
	SP 2411198-1		Wet Chemistry	Well 02	Water Quality Monitoring
	SP 2411198-1	2024-07-10	Metals, Total	Well 02	Quarterly Iron Monitoring
CuPb-ss05	SP 2209660-5	2024-10-09	Metals, Total	Well 02	Quarterly Iron Monitoring
our b 3303	SP 0708658-1		Metals, Total	Zimmerman	Copper & Lead Monitoring
Bacti-Rout-ss01	SP 2400536-1		EPA 524.2	Zimmerman House	
Ddcti-Nott-SS01			Coliform	Zimmerman House	Water System Monitoring
	SP 2402190-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2403645-1	2024-03-13	Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2405386-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2407219-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2409540-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2411199-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2413148-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2414765-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2416590-1		Coliform	Zimmerman House	Bacteriological Water System Monitorin
			Coliform	Zimmerman House	Bacteriological Water System Monitorin
	SP 2420325-1	2024-12-11	Coliform	Zimmerman House	Bacteriological Water System Monitoring