

2022 Consumer Confidence Report

Water System Information

Water System Name: Descanso Community Water District

Report Date: 5/20/23

Type of Water Source(s) in Use: Ground water

Name and General Location of Source(s): Well 5- 9542 River Dr

Drinking Water Source Assessment Information: An assessment of the drinking water sources for Descanso Community Water District was completed in February 2003. No man-made contaminants have been detected in the groundwater. The sources are considered vulnerable to the following activities (although not associated with any detected chemicals): grazing and other animal operations, agricultural and irrigation wells, and low-density septic systems. A copy of the completed assessments and sanitary survey will be available at the Descanso Public Library: 9545 River Dr., Descanso, CA 91916

Time and Place of Regularly Scheduled Board Meetings for Public Participation: Descanso Town Hall 24356 Viejas Grade Road at 7:00 pm on the 3rd Tuesday in March, June, September and December

For More Information, Contact: Travis Creamer 1-855-224-6981

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, 2022 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 Descanso Community Water District at 1-855-224-6981 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 Descanso Community Water District: 1-855-224-6981

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Descanso Community Water District o tumawag sa 1-855-224-6981 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 Descanso Community Water District tại 1-855-224-6981 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 Descanso Community Water District: 1-855-224-6981 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.

Term	Definition
ppm	parts per million or milligrams per liter (mg/L)
ppb	parts per billion or micrograms per liter ($\mu\text{g/L}$)
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>	(In the year) 0	0	(a)	0	Human and animal fecal waste

(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

Complete if lead or copper is detected in the last sample set.

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)	2019	10	N/A	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	2019	10	.163	0	1.3	0.3	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)	2021	47.3	N/A	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2021	11	N/A	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

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
*Gross Alpha (pCi/L)	2022	*20.05	18-22.6	15	0	Erosion of natural deposits
Fluoride (ppm)	2021	.264	N/A	2	1	Erosion of natural deposits

Table 5. Detection of Radiological

*Uranium (pCi/L)	2022	*22.25	22-23	20	.43	Erosion of natural deposits
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Table 6. Disinfection Byproducts

HAA5 (Haloacetic Acid) (ppb)	2022	ND	N/A	60	N/A	Byproduct of drinking water
TTHM (Trihalomethanes) (ppb)	2022	24	N/A	80	N/A	Byproduct of drinking water

Table 7. 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 (ppm)	2021	58	N/A	500	N/a	Runoff/Leaching from natural deposits; seawater influence
*Iron (ppb)	2022	*879.5	458-1380	300	N/A	Leaching from natural deposits; industrial waste
*Manganese (ppb)	2022	*211	176-260	50	N/A	Leaching from natural deposits
Specific Conductance (us/cm)	2021	469	N/A	1600	N/A	Runoff/Leaching from natural deposits; seawater influence
Sulfate (ppm)	2021	70.6	N/A	500	N/A	Runoff/Leaching from natural deposits; seawater influence
Total Dissolved Solids (ppm)	2021	415	N/A	1000	N/A	Runoff/Leaching from natural deposits; seawater influence
Turbidity (NTU)	2018	11	N/A	5	N/A	Soil Runoff
Zinc (ppm)	2021	N/D	N/A	5	5	Runoff/Leaching from natural deposits; seawater influence

Table 8. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects
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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. Descanso Community Service District 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. [Optional: 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 Nitrate, Arsenic, Lead, Radon, and Cryptosporidium.

Contaminant	Criteria
Nitrate (as Nitrogen)	If nitrate level is above 5 mg/L, but below 10 mg/L.
Arsenic	If arsenic level is above 5 µg/L, but below or equal to 10 µg/L.
Lead	If lead level is above 0.015 mg/L (15 µg/L) in more than 5 percent, and up to and including 10 percent, of sites sampled. <ul style="list-style-type: none"> ➤ If your system collected fewer than 20 samples, include the special lead language if any number of samples exceeded the lead AL. ➤ If your system collected 20 samples, include the special lead language if more than 1 sample exceeded the lead AL. ➤ If your system collected 40 samples, include the special lead language if more than 2 samples exceeded the lead AL.
Radon	If radon is detected in any finished water sample.
<i>Cryptosporidium</i>	If <i>Cryptosporidium</i> is detected in any source water or finished water sample.

State Revised Total Coliform Rule (RTCR): Additional General Information on drinking water.

- If *E. coli* was detected and the *E. coli* MCL was not violated, you may include a statement that explains that although *E. coli* was detected, the water system is not in violation of the *E. coli* MCL.

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

Table 9. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
*Iron and Manganese	The level detected exceeds MCL	1 st , 2 nd , 3 rd & 4 th QTR of 2022	Along with the Division of Drinking Water, State Water Resources Board we are working to evaluate the water supply and researching options to correct the problem. These options may include a proposed transmission line	Contaminants with secondary standards affect taste, odor, or appearance of the water and are not considered health hazards
*Gross Alpha	The running annual average exceeded the MCL	1 st , 2 nd , 3 rd & 4 th QTR of 2022	Along with the Division of Drinking Water, State Water Resources Board we are working to evaluate the water supply and researching options to correct the problem. These options may include a proposed transmission line to blend our two water sources.	Drinking water containing Gross Alpha in excess of the MCL over many years may cause increased risk of cancer

For Water Systems Providing Groundwater as a Source of Drinking Water

Table 10. 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	2022	0	(0)	Human and animal fecal waste
Enterococci	0	2022	TT	N/A	Human and animal fecal waste
Coliphage	0	2022	TT	N/A	Human and animal fecal waste