

2024 Consumer Confidence Report

Water System Name: NORTH TRAILS MUTUAL WATER CO

Report Date: February 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 alguien que lo entienda bien.

Type of water source(s) in use: According to SWRCB records, the Sources are Groundwater. The Assessments were done using the Default Groundwater System Method.

Your water comes from 3 source(s): Well 07, WELL 08 and WELL 09
and from 1 treated location(s): 11540 Durango Lane

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings are held annually, fliers are sent out announcing the location, date, and time.

For more information about this report, or any questions relating to your drinking water, please call 661-268-8125 and ask for Mark Whatley.

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 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.

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.

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 - 2024)	83	53 - 106	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021 - 2024)	96.7	32.3 - 203	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

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 - 2024)	9	ND - 11	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Chromium (ug/L)	(2024)	ND	ND - 14	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (mg/L)	(2021 - 2024)	3.3	0.3 - 4.7	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2024)	2.4	0.5 - 11.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2021 - 2024)	2	0.6 - 6.0	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Selenium (ug/L)	(2021 - 2024)	6	ND - 11	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)	(2017 - 2022)	6.35	2.69 - 10.8	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2017 - 2022)	2.79	ND - 4.19	20	0.43	Erosion of natural deposits

Table 3 - 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 - 2024)	62	41 - 86	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ug/L)	(2024)	20	ND - 40	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2021 - 2024)	15	ND - 40	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2021 - 2024)	600	539 - 721	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2021 - 2024)	34.4	31.0 - 37.2	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2021 - 2024)	354	330 - 390	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2021 - 2024)	0.13	ND - 0.30	5	n/a	Soil runoff

Table 4 - 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)	(2021 - 2024)	1.1	0.2 - 2.3	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (ug/L)	(2024)	4	2 - 6	50	Vanadium exposures resulted in developmental and reproductive effects in rats.
Manganese (ug/L)	(2021 - 2024)	15	ND - 40	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 5 - 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 - 2024)	25	8 - 55	n/a	n/a
Magnesium (mg/L)	(2021 - 2024)	8	3 - 16	n/a	n/a
pH (units)	(2021 - 2024)	8.09	7.53 - 8.7	n/a	n/a
Alkalinity (mg/L)	(2021 - 2024)	166	160 - 170	n/a	n/a
Aggressiveness Index	(2021 - 2024)	12	11.6 - 12.4	n/a	n/a
Langelier Index	(2021 - 2024)	0.15	-0.3 - 0.5	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 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. *North Trails 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
Arsenic				Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.
Fluoride				Some people who drink water containing fluoride in excess of the federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.
Nitrate as N				Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of Pregnant women.

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.

2024 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 06 and WELL 07 of the NORTH TRAILS MUTUAL WATER CO water system in April, 2002. A source water assessment was conducted for the WELL 08 of the NORTH TRAILS MUTUAL WATER CO water system in August, 2004. The source WELL 09 of the NORTH TRAILS MUTUAL WATER CO is located only 10 feet from WELL 06, therefore is subject to the same activities. The 11540 DURANGO LANE of the NORTH TRAILS MUTUAL WATER CO is a central meeting point of the water from each well therefore does not require an assessment.

Well 07 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Grazing [> 5 large animals or equivalent per acre]
Septic systems - low density [<1/acre]

WELL 08 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Grazing [> 5 large animals or equivalent per acre]
Septic systems - low density [<1/acre]

WELL 09 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Grazing [> 5 large animals or equivalent per acre]
Septic systems - low density [<1/acre]

Discussion of Vulnerability

WELLS 06, 07, 09: This water system draws from 4 - 5 wells and the water delivered from this system is know to have elevated nitrate levels - over half the MCL of 45 ppm. this water system is currently water from other wells to assure that the water it delivers is below the MCL. Los Angeles County Environmental Health currently oversees this system and conducts the required monitoring tests. Please note that although Well 06 is dry the Assessment info has been included in this report as a reference for Well 09, as WELL 09 is subject to the same Possible Contaminating Activity (PCE) as WELL 06 and uses the same source water assessment.

WELL 08: This water system draws from 2 wells. The water delivered is known to have elevated nitrate and uranium levels, over half of respective MCLs. In addition, three standby wells have high uranium ranging from 211 to 285 pCi/L. Los Angeles County Environmental Health currently oversees this water system and conducted the required monitoring. 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 WELL06/WELL09 and WELL07 assessment may be viewed at:
Los Angeles County Environmental Health
2525 Corporate Pl. Room 150
Monterey Park, CA 91754

A copy of the complete WELL 08 assessment may be viewed at:
Los Angeles County Environmental Health
5050 Commerce Drive
Baldwin Park, CA 91706-1423

You may request a summary of the complete WELL06/WELL09 and WELL07 assessments be sent to you by contacting:
Russ Johnson
Chief Environmental Health Specialist
(323) 881-4147

(323) 269-4327 (fax)

You may request a summary of the WELL 08 assessment be sent to you by contacting:

Patrick Nejadian

Chief, Environmental Health Specialist

(626)430-5380

(626)813-3016 (fax)

pnejadian@dhs.co.la.ca.us

North Trails Mutual Water Co.

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	-
33495 Overland Trail	SP 2420328-1					2024-12-11	Absent		
33495 Overland Trail	SP 2418746-1					2024-11-13	Absent		
33495 Overland Trail	SP 2416596-1					2024-10-09	Absent		
33495 Overland Trail	SP 2414767-1					2024-09-11	Absent		
33495 Overland Trail	SP 2413152-1					2024-08-14	Absent		
33495 Overland Trail	SP 2411200-1					2024-07-10	Absent		
33495 Overland Trail	SP 2409542-1					2024-06-12	Absent		
33495 Overland Trail	SP 2407223-1					2024-05-08	Absent		
33495 Overland Trail	SP 2405393-1					2024-04-10	Absent		
33495 Overland Trail	SP 2403646-1					2024-03-13	Absent		
33495 Overland Trail	SP 2402193-1					2024-02-14	Absent		
33495 Overland Trail	SP 2400538-1					2024-01-10	Absent		
Fecal coliform and E. coli			0		n/a			ND	-
33495 Overland Trail	SP 2420328-1					2024-12-11	Absent		
33495 Overland Trail	SP 2418746-1					2024-11-13	Absent		
33495 Overland Trail	SP 2416596-1					2024-10-09	Absent		
33495 Overland Trail	SP 2414767-1					2024-09-11	Absent		
33495 Overland Trail	SP 2413152-1					2024-08-14	Absent		
33495 Overland Trail	SP 2411200-1					2024-07-10	Absent		
33495 Overland Trail	SP 2409542-1					2024-06-12	Absent		
33495 Overland Trail	SP 2407223-1					2024-05-08	Absent		
33495 Overland Trail	SP 2405393-1					2024-04-10	Absent		
33495 Overland Trail	SP 2403646-1					2024-03-13	Absent		
33495 Overland Trail	SP 2402193-1					2024-02-14	Absent		
33495 Overland Trail	SP 2400538-1					2024-01-10	Absent		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ug/L	0	15	0.2			0	5
11540 Durango Lane	SP 2409544-5	ug/L				2024-06-11	ND		
11705 Laramie Wy.	SP 2409544-3	ug/L				2024-06-11	ND		
11710 Chisholm Ct.	SP 2409544-1	ug/L				2024-06-11	ND		
11720 Laramie Wy.	SP 2409544-4	ug/L				2024-06-11	ND		
11735 Chisholm Ct.	SP 2409544-2	ug/L				2024-06-11	ND		
Copper		mg/L		1.3	.3			0	5
11540 Durango Lane	SP 2409544-5	mg/L				2024-06-11	ND		
11705 Laramie Wy.	SP 2409544-3	mg/L				2024-06-11	ND		
11710 Chisholm Ct.	SP 2409544-1	mg/L				2024-06-11	ND		
11720 Laramie Wy.	SP 2409544-4	mg/L				2024-06-11	ND		
11735 Chisholm Ct.	SP 2409544-2	mg/L				2024-06-11	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			83	53 - 106
Well 07	SP 2414768-1	mg/L				2024-09-11	98		
WELL 07	SP 2112482-1	mg/L				2021-09-08	106		
WELL 08	SP 2216421-1	mg/L				2022-10-12	84		
Well 09	SP 2418729-1	mg/L				2024-11-13	75		
WELL 09	SP 2116104-1	mg/L				2021-11-10	53		
Hardness		mg/L		none	none			96.7	32.3 - 203
Well 07	SP 2414768-1	mg/L				2024-09-11	37.3		

WELL 07	SP 2112482-1	mg/L				2021-09-08	32.3		
WELL 08	SP 2216421-1	mg/L				2022-10-12	102		
Well 09	SP 2418729-1	mg/L				2024-11-13	109		
WELL 09	SP 2116104-1	mg/L				2021-11-10	203		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			9	ND - 11
Well 07	SP 2420327-1	ug/L				2024-12-11	7		
Well 07	SP 2414768-1	ug/L				2024-09-11	11		
Well 07	SP 2409541-1	ug/L				2024-06-12	11		
Well 07	SP 2403648-1	ug/L				2024-03-13	9		
WELL 07	SP 2320480-1	ug/L				2023-12-13	10		
WELL 07	SP 2315544-1	ug/L				2023-09-13	10		
WELL 07	SP 2309981-1	ug/L				2023-06-14	11		
WELL 07	SP 2303417-1	ug/L				2023-03-08	10		
WELL 08	SP 2216421-1	ug/L				2022-10-12	8		
Well 09	SP 2418729-1	ug/L				2024-11-13	7		
WELL 09	SP 2116104-1	ug/L				2021-11-10	ND		
Chromium		ug/L	100	50.0	n/a			ND	ND - 14
Well 07	SP 2414768-1	ug/L				2024-09-11	ND		
Well 09	SP 2418729-1	ug/L				2024-11-13	14		
Fluoride		mg/L		2	1			3.3	0.3 - 4.7
Well 07	SP 2420327-1	mg/L				2024-12-11	3.3		
Well 07	SP 2414768-1	mg/L				2024-09-11	4.2		
Well 07	SP 2409541-1	mg/L				2024-06-12	4.2		
Well 07	SP 2403648-1	mg/L				2024-03-13	4.5		
WELL 07	SP 2320480-1	mg/L				2023-12-13	4.3		
WELL 07	SP 2315544-1	mg/L				2023-09-13	4.5		
WELL 07	SP 2309981-1	mg/L				2023-06-14	4.6		
WELL 07	SP 2303417-1	mg/L				2023-03-08	4.7		
WELL 08	SP 2216421-1	mg/L				2022-10-12	0.7		
Well 09	SP 2418729-1	mg/L				2024-11-13	0.7		
WELL 09	SP 2116104-1	mg/L				2021-11-10	0.3		
Nitrate as N		mg/L		10	10			2.4	0.5 - 11.6
WELL 07	SP 2416598-1	mg/L				2024-10-09	1.0		
Well 07	SP 2414768-1	mg/L				2024-09-11	1.0		
WELL 07	SP 2411202-1	mg/L				2024-07-10	1.0		
WELL 07	SP 2405396-1	mg/L				2024-04-10	0.9		
WELL 07	SP 2400541-1	mg/L				2024-01-10	0.7		
WELL 08	SP 2416598-2	mg/L				2024-10-09	1.3		
WELL 08	SP 2411202-2	mg/L				2024-07-10	1.4		
WELL 08	SP 2405396-2	mg/L				2024-04-10	1.3		
WELL 08	SP 2400541-2	mg/L				2024-01-10	1.3		
Well 09	SP 2418729-1	mg/L				2024-11-13	1.1		
Well 09	SP 2411201-1	mg/L				2024-07-10	0.5		
WELL 09	SP 2410596-1	mg/L				2024-06-28	1.0		
Well 09	SP 2405395-1	mg/L				2024-04-10	1.1		
WELL 09	SP 2401127-1	mg/L				2024-01-23	11.6		
Well 09	SP 2400539-1	mg/L				2024-01-10	11.3		
Nitrate + Nitrite as N		mg/L		10	10			2.0	0.6 - 6.0
Well 07	SP 2414768-1	mg/L				2024-09-11	1.0		
WELL 07	SP 2112482-1	mg/L				2021-09-08	0.6		
WELL 08	SP 2216421-1	mg/L				2022-10-12	1.1		
Well 09	SP 2418729-1	mg/L				2024-11-13	1.1		
WELL 09	SP 2116104-1	mg/L				2021-11-10	6.0		
Selenium		ug/L	50	50	30			6	ND - 11
Well 07	SP 2414768-1	ug/L				2024-09-11	ND		
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 08	SP 2216421-1	ug/L				2022-10-12	11		

Well 09	SP 2418729-1	ug/L				2024-11-13	11		
WELL 09	SP 2116104-1	ug/L				2021-11-10	6		
Gross Alpha		pCi/L	15	(0)				6.35	2.69 - 10.6
WELL 07	SP 1708964-1	pCi/L				2017-07-26	2.69		
WELL 08	SP 2216421-1	pCi/L				2022-10-12	10.8		
WELL 09	SP 2203737-1	pCi/L				2022-03-09	5.55		
Uranium		pCi/L	20	0.43				2.790	ND - 4.19
WELL 07	SP 1708964-1	pCi/L				2017-07-26	ND		
WELL 08	SP 2216421-1	pCi/L				2022-10-12	4.18		
WELL 09	SP 2203737-1	pCi/L				2022-03-09	4.19		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			62	41 - 86
Well 07	SP 2414768-1	mg/L				2024-09-11	47		
WELL 07	SP 2112482-1	mg/L				2021-09-08	41		
WELL 08	SP 2216421-1	mg/L				2022-10-12	71		
Well 09	SP 2418729-1	mg/L				2024-11-13	67		
WELL 09	SP 2116104-1	mg/L				2021-11-10	86		
Iron		ug/L		300	n/a			20	ND - 40
Well 07	SP 2414768-1	ug/L				2024-09-11	ND		
Well 09	SP 2418729-1	ug/L				2024-11-13	40		
Manganese		ug/L		50	n/a			15.3	ND - 40
Well 07	SP 2414768-1	ug/L				2024-09-11	1.9		
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 08	SP 2216421-1	ug/L				2022-10-12	20		
Well 09	SP 2418729-1	ug/L				2024-11-13	10		
WELL 09	SP 2400540-1	ug/L				2024-01-10	40		
WELL 09	SP 2400260-1	ug/L				2024-01-05	20		
Specific Conductance		umhos/cm		1600	n/a			600	539 - 721
Well 07	SP 2414768-1	umhos/cm				2024-09-11	548		
WELL 07	SP 2112482-1	umhos/cm				2021-09-08	539		
WELL 08	SP 2216421-1	umhos/cm				2022-10-12	604		
Well 09	SP 2418729-1	umhos/cm				2024-11-13	588		
WELL 09	SP 2116104-1	umhos/cm				2021-11-10	721		
Sulfate		mg/L		500	n/a			34.4	31.0 - 37.2
Well 07	SP 2414768-1	mg/L				2024-09-11	32.7		
WELL 07	SP 2112482-1	mg/L				2021-09-08	31.0		
WELL 08	SP 2216421-1	mg/L				2022-10-12	34.2		
Well 09	SP 2418729-1	mg/L				2024-11-13	37.2		
WELL 09	SP 2116104-1	mg/L				2021-11-10	37.0		
Total Dissolved Solids		mg/L		1000	n/a			354	330 - 390
Well 07	SP 2414768-1	mg/L				2024-09-11	330		
WELL 07	SP 2112482-1	mg/L				2021-09-08	360		
WELL 08	SP 2216421-1	mg/L				2022-10-12	340		
Well 09	SP 2418729-1	mg/L				2024-11-13	350		
WELL 09	SP 2116104-1	mg/L				2021-11-10	390		
Turbidity		NTU		5	n/a			0.13	ND - 0.30
Well 07	SP 2414768-1	NTU				2024-09-11	0.15		
WELL 07	SP 2112482-1	NTU				2021-09-08	ND		
WELL 08	SP 2216421-1	NTU				2022-10-12	0.2		
Well 09	SP 2418729-1	NTU				2024-11-13	0.30		
WELL 09	SP 2116104-1	NTU				2021-11-10	ND		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			1.1	0.2 - 2.3
Well 07	SP 2414768-1	mg/L				2024-09-11	2.1		

WELL 07	SP 2112482-1	mg/L				2021-09-08	2.3		
WELL 08	SP 2216421-1	mg/L				2022-10-12	0.4		
Well 09	SP 2418729-1	ug/L				2024-11-13	0.5		
WELL 09	SP 2116104-1	mg/L				2021-11-10	0.2		
Vanadium		ug/L		NS	n/a			4	2 - 6
Well 07	SP 2414768-1	ug/L				2024-09-11	2		
Well 09	SP 2418729-1	ug/L				2024-11-13	6		
Manganese		ug/L		NS	n/a			15.3	ND - 40
Well 07	SP 2414768-1	ug/L				2024-09-11	1.9		
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 08	SP 2216421-1	ug/L				2022-10-12	20		
Well 09	SP 2418729-1	ug/L				2024-11-13	10		
WELL 09	SP 2400540-1	ug/L				2024-01-10	40		
WELL 09	SP 2400280-1	ug/L				2024-01-05	20		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			25	8 - 55
Well 07	SP 2414768-1	mg/L				2024-09-11	10		
WELL 07	SP 2112482-1	mg/L				2021-09-08	8		
WELL 08	SP 2216421-1	mg/L				2022-10-12	26		
Well 09	SP 2418729-1	mg/L				2024-11-13	27		
WELL 09	SP 2116104-1	mg/L				2021-11-10	55		
Magnesium		mg/L			n/a			8	3 - 16
Well 07	SP 2414768-1	mg/L				2024-09-11	3		
WELL 07	SP 2112482-1	mg/L				2021-09-08	3		
WELL 08	SP 2216421-1	mg/L				2022-10-12	9		
Well 09	SP 2418729-1	mg/L				2024-11-13	10		
WELL 09	SP 2116104-1	mg/L				2021-11-10	16		
pH		units			n/a			8.09	7.53 - 8.7
Well 07	SP 2414768-1	units				2024-09-11	8.7		
WELL 07	SP 2112482-1	units				2021-09-08	8.36		
WELL 08	SP 2216421-1	units				2022-10-12	7.57		
Well 09	SP 2418729-1	units				2024-11-13	8.3		
WELL 09	SP 2116104-1	units				2021-11-10	7.53		
Alkalinity		mg/L			n/a			166	160 - 170
Well 07	SP 2414768-1	mg/L				2024-09-11	170		
WELL 07	SP 2112482-1	mg/L				2021-09-08	160		
WELL 08	SP 2216421-1	mg/L				2022-10-12	160		
Well 09	SP 2418729-1	mg/L				2024-11-13	170		
WELL 09	SP 2116104-1	mg/L				2021-11-10	170		
Aggressiveness Index					n/a			12.0	11.6 - 12.4
Well 07	SP 2414768-1					2024-09-11	12.3		
WELL 07	SP 2112482-1					2021-09-08	11.9		
WELL 08	SP 2216421-1					2022-10-12	11.6		
Well 09	SP 2418729-1					2024-11-13	12.4		
WELL 09	SP 2116104-1					2021-11-10	11.9		
Langelier Index					n/a			0.15	-0.3 - 0.5
Well 07	SP 2414768-1					2024-09-11	0.5		
WELL 07	SP 2112482-1					2021-09-08	0.02		
WELL 08	SP 2216421-1					2022-10-12	-0.3		
Well 09	SP 2418729-1					2024-11-13	0.5		
WELL 09	SP 2116104-1					2021-11-10	0.04		

North Trails Mutual Water Co.

CCR Login Linkage - 2024

FGL Code	Lab ID	Date Sampled	Method	Description	Property
CA1907014_LCR	SP 2409544-5	2024-06-11	Metals, Total	11540 Durango Lane	NORTH TRAILS MUTUAL WATER COMPANY
	SP 2409544-3	2024-06-11	Metals, Total	11705 Laramie Wy.	NORTH TRAILS MUTUAL WATER COMPANY
	SP 2409544-1	2024-06-11	Metals, Total	11710 Chisholm Ct.	NORTH TRAILS MUTUAL WATER COMPANY
	SP 2409544-4	2024-06-11	Metals, Total	11720 Laramie Wy.	NORTH TRAILS MUTUAL WATER COMPANY
	SP 2409544-2	2024-06-11	Metals, Total	11735 Chisholm Ct.	NORTH TRAILS MUTUAL WATER COMPANY
33495 Overland	SP 2400538-1	2024-01-10	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2402193-1	2024-02-14	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2403646-1	2024-03-13	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2405393-1	2024-04-10	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2407223-1	2024-05-08	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2409542-1	2024-06-12	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2411200-1	2024-07-10	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2413152-1	2024-08-14	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2414767-1	2024-09-11	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2416596-1	2024-10-09	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2418746-1	2024-11-13	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2420328-1	2024-12-11	Coliform	33495 Overland Trail	Bacteriological Monitoring
WELL 07	SP 1708964-1	2017-07-26	Radio Chemistry	WELL 07	NORTH TRAILS MUTUAL WATER CO
	SP 2112482-1	2021-09-08	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2112482-1	2021-09-08	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2112482-1	2021-09-08	General Mineral	WELL 07	Water Quality - Well 7
	SP 2214746-1	2022-09-14		WELL 07	Water Quality - Well 7
	SP 2303417-1	2023-03-08	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2303417-1	2023-03-08	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2309981-1	2023-06-14	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2309981-1	2023-06-14	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2315544-1	2023-09-13	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2315544-1	2023-09-13	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2320480-1	2023-12-13	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2320480-1	2023-12-13	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2400541-1	2024-01-10	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2403648-1	2024-03-13	Metals, Total	Well 07	Water Quality - Well 7
	SP 2403648-1	2024-03-13	Wet Chemistry	Well 07	Water Quality - Well 7
	SP 2405396-1	2024-04-10	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2409541-1	2024-06-12	Metals, Total	Well 07	Water Quality - Well 7
	SP 2409541-1	2024-06-12	Wet Chemistry	Well 07	Water Quality - Well 7
	SP 2411202-1	2024-07-10	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2414768-1	2024-09-11	Wet Chemistry	Well 07	Water Quality - Well 7
	SP 2414768-1	2024-09-11	General Mineral	Well 07	Water Quality - Well 7
	SP 2414768-1	2024-09-11	Metals, Total	Well 07	Water Quality - Well 7
	SP 2416598-1	2024-10-09	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2420327-1	2024-12-11	Metals, Total	Well 07	Water Quality - Well 7
	SP 2420327-1	2024-12-11	Wet Chemistry	Well 07	Water Quality - Well 7
WELL 08	SP 1807934-1	2018-06-18		WELL 08	Water Quality - Well 8
	SP 2216421-1	2022-10-12	Radio Chemistry	WELL 08	Water Quality - Well 8
	SP 2216421-1	2022-10-12		WELL 08	Water Quality - Well 8
	SP 2216421-1	2022-10-12	General Mineral	WELL 08	Water Quality - Well 8
	SP 2216421-1	2022-10-12	Metals, Total	WELL 08	Water Quality - Well 8
	SP 2216421-1	2022-10-12	Wet Chemistry	WELL 08	Water Quality - Well 8
	SP 2400541-2	2024-01-10	Wet Chemistry	WELL 08	Nitrate Monitoring
WELL DISTRIBUT	SP 2405396-2	2024-04-10	Wet Chemistry	WELL 08	Nitrate Monitoring