

# 2021 Consumer Confidence Report

Water System Name: NORTH TRAILS MUTUAL WATER CO

Report Date: April 2022

*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, 2021.*

**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

**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.

**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, AL 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	2/year (2021)	1	no more than 1 positive monthly sample	0	Naturally present in the environment.
Fecal coliform and E. coli	1/year (2021)	1			Human and animal fecal waste.

**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)	(2019 - 2021)	79	53 - 106	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2019 - 2021)	105	32.3 - 203	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)	(2019 - 2021)	8	ND - 12	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes



Fluoride (mg/L)	(2019 - 2021)	3	0.3 - 4.5	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2021)	2.5	ND - 6.0	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2019 - 2021)	2.5	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)	(2019 - 2021)	ND	ND - 8	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 - 2019)	11	2.69 - 20.7	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2017 - 2019)	5.147	ND - 10.4	20	0.43	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)	(2019 - 2021)	62	41 - 86	500	n/a	Runoff/leaching from natural deposits; seawater influence
Manganese (ug/L)	(2019 - 2021)	27	ND - 80	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2019 - 2021)	3	ND - 8	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2019 - 2021)	617	539 - 721	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2019 - 2021)	34	31.0 - 37.0	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2019 - 2021)	357	320 - 390	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2019 - 2021)	ND	ND - 0.1	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	Typical Sources of Contaminant
Boron (mg/L)	(2019 - 2021)	1	0.2 - 2.3	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Manganese (ug/L)	(2021)	40	ND - 80	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)	(2019 - 2021)	28	8 - 55	n/a	n/a
Magnesium (mg/L)	(2019 - 2021)	9	3 - 16	n/a	n/a
pH (units)	(2019 - 2021)	7.96	7.53 - 8.36	n/a	n/a
Alkalinity (mg/L)	(2019 - 2021)	163	160 - 170	n/a	n/a
Aggressiveness Index	(2019 - 2021)	11.9	n/a	n/a	n/a
Langelier Index	(2019 - 2021)	0.04	0.02 - 0.06	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
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.

Fecal coliform and E. coli				<p>E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely-compromised immune systems.</p> <p>- We had an E. coli-positive repeat sample following a total coliform-positive sample.</p> <p>- We had a total coliform-positive repeat sample following an E. coli positive routine sample.</p> <p>- We failed to take all required repeat samples following an E. coli-positive routine sample.</p>
Arsenic				<p>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.</p>

**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.

## 2021 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 known 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](mailto:pnejadian@dhs.co.la.ca.us)

# North Trails Mutual Water Co.

## Analytical Results By FGL - 2021

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Total Coliform Bacteria</b>			0	5%	n/a			1	1 - 1
11735 Chisholm Ct.	SP 2111014-3					2021-08-11	<1.0		
33244 Pewter Rd.	SP 2111014-4					2021-08-11	<1.0		
33361 Pewter Rd	SP 2111014-5					2021-08-11	<1.0		
33423 Domino Hill Rd	SP 2109964-5					2021-07-22	<1.0		
33483 Domino Hill Road	SP 2111014-2					2021-08-11	<1.0		
33483 Domino Hill Road	SP 2109964-2					2021-07-22	<1.0		
33483 Domino Hill Road	SP 2109894-2					2021-07-21	<1.0		
33483 Domino Hill Road	SP 2109660-2					2021-07-16	1		
33495 Overland Trail	SP 2117567-1					2021-12-09	Absent		
33495 Overland Trail	SP 2116101-1					2021-11-10	Absent		
33495 Overland Trail	SP 2114444-1					2021-10-13	Absent		
33495 Overland Trail	SP 2112483-1					2021-09-08	Absent		
33495 Overland Trail	SP 2111014-1					2021-08-11	<1.0		
33495 Overland Trail	SP 2109964-1					2021-07-22	<1.0		
33495 Overland Trail	SP 2109894-1					2021-07-21	<1.0		
33495 Overland Trail	SP 2109660-1					2021-07-16	<1.0		
33495 Overland Trail	SP 2109445-1					2021-07-14	Present		
33495 Overland Trail	SP 2107656-1					2021-06-09	Absent		
33495 Overland Trail	SP 2106324-1					2021-05-12	Absent		
33495 Overland Trail	SP 2105012-1					2021-04-14	Absent		
33495 Overland Trail	SP 2103404-1					2021-03-10	Absent		
33495 Overland Trail	SP 2101896-1					2021-02-10	Absent		
33495 Overland Trail	SP 2100539-1					2021-01-13	Absent		
Tank	SP 2109964-3					2021-07-22	<1.0		
Tank	SP 2109894-3					2021-07-21	<1.0		
Tank	SP 2109660-3					2021-07-16	<1.0		
<b>Fecal coliform and E. coli</b>			0		n/a			0	1 - 1
11735 Chisholm Ct.	SP 2111014-3					2021-08-11	<1.0		
33244 Pewter Rd.	SP 2111014-4					2021-08-11	<1.0		
33361 Pewter Rd	SP 2111014-5					2021-08-11	<1.0		
33423 Domino Hill Rd	SP 2109964-5					2021-07-22	<1.0		
33483 Domino Hill Road	SP 2111014-2					2021-08-11	<1.0		
33483 Domino Hill Road	SP 2109964-2					2021-07-22	<1.0		
33483 Domino Hill Road	SP 2109894-2					2021-07-21	<1.0		
33483 Domino Hill Road	SP 2109660-2					2021-07-16	1		
33495 Overland Trail	SP 2117567-1					2021-12-09	Absent		
33495 Overland Trail	SP 2116101-1					2021-11-10	Absent		
33495 Overland Trail	SP 2114444-1					2021-10-13	Absent		
33495 Overland Trail	SP 2112483-1					2021-09-08	Absent		
33495 Overland Trail	SP 2111014-1					2021-08-11	<1.0		
33495 Overland Trail	SP 2109964-1					2021-07-22	<1.0		
33495 Overland Trail	SP 2109894-1					2021-07-21	<1.0		
33495 Overland Trail	SP 2109660-1					2021-07-16	<1.0		
33495 Overland Trail	SP 2109445-1					2021-07-14	Absent		
33495 Overland Trail	SP 2107656-1					2021-06-09	Absent		
33495 Overland Trail	SP 2106324-1					2021-05-12	Absent		
33495 Overland Trail	SP 2105012-1					2021-04-14	Absent		
33495 Overland Trail	SP 2103404-1					2021-03-10	Absent		
33495 Overland Trail	SP 2101896-1					2021-02-10	Absent		
33495 Overland Trail	SP 2100539-1					2021-01-13	Absent		
Tank	SP 2109964-3					2021-07-22	<1.0		
Tank	SP 2109894-3					2021-07-21	<1.0		



Tank	SP 2109660-3					2021-07-16	<1.0		
------	--------------	--	--	--	--	------------	------	--	--

#### SAMPLING RESULTS FOR SODIUM AND HARDNESS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Sodium</b>		mg/L		none	none			79	53 - 106
WELL 07	SP 2112482-1	mg/L				2021-09-08	106		
WELL 08	SP 1907985-1	mg/L				2019-06-18	79		
WELL 09	SP 2116104-1	mg/L				2021-11-10	53		
<b>Hardness</b>		mg/L		none	none			104.7	32.3 - 203
WELL 07	SP 2112482-1	mg/L				2021-09-08	32.3		
WELL 08	SP 1907985-1	mg/L				2019-06-18	78.7		
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)
<b>Arsenic</b>		ug/L		10	0.004			8	ND - 12
WELL 07	SP 2117569-1	ug/L				2021-12-09	12		
WELL 07	SP 2112482-1	ug/L				2021-09-08	10		
WELL 07	SP 2107655-1	ug/L				2021-06-09	8		
WELL 07	SP 2103403-1	ug/L				2021-03-10	10		
WELL 08	SP 1907985-1	ug/L				2019-06-18	9		
WELL 09	SP 2116104-1	ug/L				2021-11-10	ND		
<b>Fluoride</b>		mg/L		2	1			3.0	0.3 - 4.5
WELL 07	SP 2117569-1	mg/L				2021-12-09	4.2		
WELL 07	SP 2112482-1	mg/L				2021-09-08	4.3		
WELL 07	SP 2107655-1	mg/L				2021-06-09	4.1		
WELL 07	SP 2103403-1	mg/L				2021-03-10	4.5		
WELL 08	SP 1907985-1	mg/L				2019-06-18	0.6		
WELL 09	SP 2116104-1	mg/L				2021-11-10	0.3		
<b>Nitrate as N</b>		mg/L		10	10			2.5	ND - 6.0
WELL 07	SP 2114445-1	mg/L				2021-10-13	0.5		
WELL 07	SP 2112482-1	mg/L				2021-09-08	0.6		
WELL 07	SP 2109673-1	mg/L				2021-07-16	0.6		
WELL 07	SP 2105011-1	mg/L				2021-04-14	0.6		
WELL 07	SP 2100541-1	mg/L				2021-01-13	0.5		
WELL 08	SP 2108080-1	mg/L				2021-06-16	ND		
WELL 09	SP 2116104-1	mg/L				2021-11-10	6.0		
WELL 09	SP 2114445-2	mg/L				2021-10-13	5.7		
WELL 09	SP 2109673-2	mg/L				2021-07-16	2.2		
WELL 09	SP 2105011-2	mg/L				2021-04-14	5.5		
WELL 09	SP 2100541-2	mg/L				2021-01-13	5.3		
<b>Nitrate + Nitrite as N</b>		mg/L		10	10			2.5	0.6 - 6.0
WELL 07	SP 2112482-1	mg/L				2021-09-08	0.6		
WELL 08	SP 1907985-1	mg/L				2019-06-18	0.8		
WELL 09	SP 2116104-1	mg/L				2021-11-10	6.0		
<b>Selenium</b>		ug/L	50	50	30			ND	ND - 8
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 08	SP 1907985-1	ug/L				2019-06-18	8		
WELL 09	SP 2116104-1	ug/L				2021-11-10	6		
<b>Gross Alpha</b>		pCi/L		15	(0)			11.40	2.69 - 20.7
WELL 07	SP 1708964-1	pCi/L				2017-07-26	2.69		
WELL 08	SP 1708964-2	pCi/L				2017-07-26	10.8		
WELL 09	SP 1903380-1	pCi/L				2019-03-13	20.7		
<b>Uranium</b>		pCi/L		20	0.43			5.147	ND - 10.4
WELL 07	SP 1708964-1	pCi/L				2017-07-26	ND		
WELL 08	SP 1708964-2	pCi/L				2017-07-26	5.04		
WELL 09	SP 1903380-1	pCi/L				2019-03-13	10.4		



SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chloride</b>		mg/L		500	n/a			62	41 - 86
WELL 07	SP 2112482-1	mg/L				2021-09-08	41		
WELL 08	SP 1907985-1	mg/L				2019-06-18	58		
WELL 09	SP 2116104-1	mg/L				2021-11-10	86		
<b>Manganese</b>		ug/L		50	n/a			27	ND - 80
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 08	SP 1907985-1	ug/L				2019-06-18	ND		
WELL 09	SP 2116104-1	ug/L				2021-11-10	80		
<b>Odor Threshold at 60 °C</b>		TON		3	n/a			3	ND - 8
WELL 07	SP 2112482-1	TON				2021-09-08	ND		
WELL 08	SP 1907985-1	TON				2019-06-18	ND		
WELL 09	SP 2116104-1	TON				2021-11-10	8		
<b>Specific Conductance</b>		umhos/cm		1600	n/a			617	539 - 721
WELL 07	SP 2112482-1	umhos/cm				2021-09-08	539		
WELL 08	SP 1907985-1	umhos/cm				2019-06-18	592		
WELL 09	SP 2116104-1	umhos/cm				2021-11-10	721		
<b>Sulfate</b>		mg/L		500	n/a			34.0	31.0 - 37.0
WELL 07	SP 2112482-1	mg/L				2021-09-08	31.0		
WELL 08	SP 1907985-1	mg/L				2019-06-18	34.1		
WELL 09	SP 2116104-1	mg/L				2021-11-10	37.0		
<b>Total Dissolved Solids</b>		mg/L		1000	n/a			357	320 - 390
WELL 07	SP 2112482-1	mg/L				2021-09-08	360		
WELL 08	SP 1907985-1	mg/L				2019-06-18	320		
WELL 09	SP 2116104-1	mg/L				2021-11-10	390		
<b>Turbidity</b>		NTU		5	n/a			ND	ND - 0.1
WELL 07	SP 2112482-1	NTU				2021-09-08	ND		
WELL 08	SP 1907985-1	NTU				2019-06-18	0.1		
WELL 09	SP 2116104-1	NTU				2021-11-10	ND		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Boron</b>		mg/L		NS	n/a			1.0	0.2 - 2.3
WELL 07	SP 2112482-1	mg/L				2021-09-08	2.3		
WELL 08	SP 1907985-1	mg/L				2019-06-18	0.4		
WELL 09	SP 2116104-1	mg/L				2021-11-10	0.2		
<b>Manganese</b>		ug/L		NS	n/a			40	ND - 80
WELL 07	SP 2112482-1	ug/L				2021-09-08	ND		
WELL 09	SP 2116104-1	ug/L				2021-11-10	80		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Calcium</b>		mg/L			n/a			28	8 - 55
WELL 07	SP 2112482-1	mg/L				2021-09-08	8		
WELL 08	SP 1907985-1	mg/L				2019-06-18	20		
WELL 09	SP 2116104-1	mg/L				2021-11-10	55		
<b>Magnesium</b>		mg/L			n/a			9	3 - 16
WELL 07	SP 2112482-1	mg/L				2021-09-08	3		
WELL 08	SP 1907985-1	mg/L				2019-06-18	7		
WELL 09	SP 2116104-1	mg/L				2021-11-10	16		
<b>pH</b>		units			n/a			7.96	7.53 - 8.36
WELL 07	SP 2112482-1	units				2021-09-08	8.36		
WELL 08	SP 1907985-1	units				2019-06-18	8.0		
WELL 09	SP 2116104-1	units				2021-11-10	7.53		
<b>Alkalinity</b>		mg/L			n/a			163	160 - 170

WELL 07	SP 2112482-1	mg/L				2021-09-08	160		
WELL 08	SP 1907985-1	mg/L				2019-06-18	160		
WELL 09	SP 2116104-1	mg/L				2021-11-10	170		
<b>Aggressiveness Index</b>					n/a			11.9	11.9 - 11.9
WELL 07	SP 2112482-1					2021-09-08	11.9		
WELL 08	SP 1907985-1					2019-06-18	11.9		
WELL 09	SP 2116104-1					2021-11-10	11.9		
<b>Langelier Index</b>					n/a			0.04	0.02 - 0.06
WELL 07	SP 2112482-1					2021-09-08	0.02		
WELL 08	SP 1907985-1					2019-06-18	0.06		
WELL 09	SP 2116104-1					2021-11-10	0.04		



# North Trails Mutual Water Co.

## CCR Login Linkage - 2021

FGL Code	Lab ID	Date Sampled	Method	Description	Property
CuPb-ss05	SP 2108081-5	2021-06-16	Metals, Total	11540 Durango Ln.	Cu & Pb Monitoring
	SP 2117571-5	2021-12-07	Metals, Total	11540 Durango Ln.	Cu & Pb Monitoring
CuPb-ss03	SP 2108081-3	2021-06-16	Metals, Total	11705 Laramie Wy.	Cu & Pb Monitoring
	SP 2117571-3	2021-12-07	Metals, Total	11705 Laramie Wy.	Cu & Pb Monitoring
CuPb-ss01	SP 2108081-1	2021-06-16	Metals, Total	11710 Chisholm Ct.	Cu & Pb Monitoring
	SP 2117571-1	2021-12-07	Metals, Total	11710 Chisholm Ct.	Cu & Pb Monitoring
CuPb-ss04	SP 2108081-4	2021-06-16	Metals, Total	11720 Laramie Wy.	Cu & Pb Monitoring
	SP 2117571-4	2021-12-07	Metals, Total	11720 Laramie Wy.	Cu & Pb Monitoring
CuPb-ss02	SP 2108081-2	2021-06-16	Metals, Total	11735 Chisholm Ct.	Cu & Pb Monitoring
	SP 2111014-3	2021-08-11	Coliform	11735 Chisholm Ct.	Bacti Monitoring
	SP 2117571-2	2021-12-07	Metals, Total	11735 Chisholm Ct.	Cu & Pb Monitoring
Bacti-Rout-ss02	SP 2111014-4	2021-08-11	Coliform	33244 Pewter Rd.	Bacti Monitoring
33361 Pewter Rd	SP 2111014-5	2021-08-11	Coliform	33361 Pewter Rd	Bacti Monitoring
33423 Domino Hi	SP 2109964-5	2021-07-22	Coliform	33423 Domino Hill Rd	Bacteriological Monitoring
Bacti-Rout-ss05	SP 2109660-2	2021-07-16	Coliform	33483 Domino Hill Road	Bacteriological Monitoring
	SP 2109894-2	2021-07-21	Coliform	33483 Domino Hill Road	Set 1
	SP 2109964-2	2021-07-22	Coliform	33483 Domino Hill Road	Bacteriological Monitoring
	SP 2111014-2	2021-08-11	Coliform	33483 Domino Hill Road	Bacti Monitoring
Bacti-Rout-ss04	SP 2100539-1	2021-01-13	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2101896-1	2021-02-10	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2103404-1	2021-03-10	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2105012-1	2021-04-14	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2106324-1	2021-05-12	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2107656-1	2021-06-09	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2109445-1	2021-07-14	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2109660-1	2021-07-16	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2109894-1	2021-07-21	Coliform	33495 Overland Trail	Set 1
	SP 2109964-1	2021-07-22	Coliform	33495 Overland Trail	Bacteriological Monitoring
	SP 2111014-1	2021-08-11	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2112483-1	2021-09-08	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2114444-1	2021-10-13	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2116101-1	2021-11-10	Coliform	33495 Overland Trail	Bacti Monitoring
	SP 2117567-1	2021-12-09	Coliform	33495 Overland Trail	Bacti Monitoring
Tank	SP 2109660-3	2021-07-16	Coliform	Tank	Bacteriological Monitoring
NO3-ss02	SP 2109894-3	2021-07-21	Coliform	Tank	Set 1
Tank	SP 2109964-3	2021-07-22	Coliform	Tank	Monthly Nitrate Monitoring
WELL 07	SP 1708964-1	2017-07-26	Radio Chemistry	WELL 07	NORTH TRAILS MUTUAL WATER CO
	SP 2100541-1	2021-01-13	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2103403-1	2021-03-10	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2103403-1	2021-03-10	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2105011-1	2021-04-14	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2107655-1	2021-06-09	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2107655-1	2021-06-09	Metals, Total	WELL 07	Water Quality - Well 7
	SP 2109673-1	2021-07-16	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2112482-1	2021-09-08	General Mineral	WELL 07	Water Quality - Well 7
	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 2114445-1	2021-10-13	Wet Chemistry	WELL 07	Nitrate Monitoring
	SP 2117569-1	2021-12-09	Wet Chemistry	WELL 07	Water Quality - Well 7
	SP 2117569-1	2021-12-09	Metals, Total	WELL 07	Water Quality - Well 7
WELL 08	SP 1708964-2	2017-07-26	Radio Chemistry	WELL 08	NORTH TRAILS MUTUAL WATER CO
	SP 1807934-1	2018-06-18		WELL 08	Water Quality - Well 8
	SP 1907985-1	2019-06-18	Wet Chemistry	WELL 08	Water Quality - Well 8
	SP 1907985-1	2019-06-18	General Mineral	WELL 08	Water Quality - Well 8
	SP 1907985-1	2019-06-18	Metals, Total	WELL 08	Water Quality - Well 8

	SP 2108080-1	2021-06-16	Wet Chemistry	WELL 08	Water Quality - Well 8
WELL 09	SP 1903380-1	2019-03-13	Radio Chemistry	WELL 09	Radio Monitoring
	SP 1903380-1	2019-03-13	Metals, Total	WELL 09	Radio Monitoring
	SP 2100541-2	2021-01-13	Wet Chemistry	WELL 09	Nitrate Monitoring
	SP 2105011-2	2021-04-14	Wet Chemistry	WELL 09	Nitrate Monitoring
	SP 2109673-2	2021-07-16	Wet Chemistry	WELL 09	Nitrate Monitoring
	SP 2114445-2	2021-10-13	Wet Chemistry	WELL 09	Nitrate Monitoring
	SP 2116104-1	2021-11-10	Metals, Total	WELL 09	Water Quality - Well 9
	SP 2116104-1	2021-11-10	Wet Chemistry	WELL 09	Water Quality - Well 9
	SP 2116104-1	2021-11-10	General Mineral	WELL 09	Water Quality - Well 9