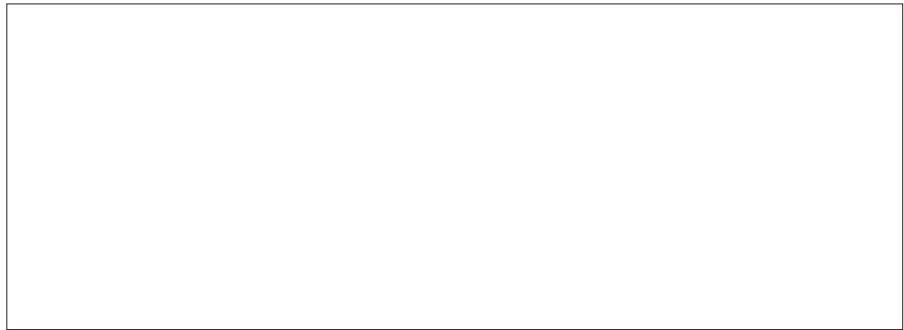
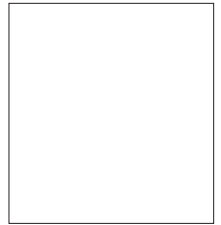


City of Yerington Nevada Public Works Department
14 E Goldfield Avenue Building B
Yerington, NV 89447



Yerington **Nevada**

14 E Goldfield Ave. 775-463-3511

2022 Drinking Water Consumer Confidence Report
Informe de confianza del consumidor de agua potable de 2022

City of Yerington Nevada 2022 Drinking Water Consumer Confidence Report

Agua potable Informe de Confianza del Consumidor



The City of Yerington is an equal opportunity provider. La Ciudad de Yerington es un proveedor de igualdad de oportunidades.

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. It is important that customers be aware of the efforts that are continually being made to improve their water systems. To learn more, please attend any of the regularly scheduled meetings. For more information please contact JAY FLAKUS at jayf@yerington.net or 775-463-3511. City Hall is located at 14 E Goldfield Ave. Your water comes from:

WELL 6: MOUNTAIN VIEW, Groundwater
WELL 5: MASON ROAD, Groundwater
WELL 2: BROADWAY WELL, Groundwater
WELL 7: CALIFORNIA WELL, Groundwater

Message from EPA:

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons, such as those with cancer undergoing chemotherapy, persons who have undergone organ transplants, those 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. EPA/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 (800-426-4791). 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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) included 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 before we treat it include:

Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

Inorganic contaminants, such as salts and metals, can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides may come from a variety of sources such as storm water run-off, agriculture, and residential users. Radioactive contaminants, can be naturally occurring or the result of mining activity.

Organic contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, may also come from gas stations, urban storm water run-off, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Our water system tested a minimum of 7 samples per month in accordance with the Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presences in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio.

Water Quality Data:

The tables following below list all of the drinking water contaminants that were detected during the 2021 calendar year. The presence of these contaminants does not necessarily indicate that the water poses a health risk. Unless noted, the data presented in this table is from testing done January 1- December 31, 2022. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. The bottom line is that the water that is provided to you is safe.

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Informe de calidad del agua de Yerington para 2022.
 ¡Queremos ayudarlo a comprender este informe! ¡Venga al Ayuntamiento o llame al 775-463-3511 y lo ayudaremos en español tan pronto como podamos!

MICROBIOLOGICAL	RESULT	MCL	MCLG	TYPICAL SOURCE
Coliform (TCF)	Negative (7 Tests/month)		0	Naturally present in the environment

DISINFECTION BY-PRODUCTS	MONITORING PERIOD	RAA	RANGE	UNIT	MCL	MCLG	TYPICAL SOURCE
Total Haloacetic Acids (HAA5)	2022	2	1.2 - 1.3	ppb	60	0	By-product of drinking water disinfection
THM	2022	17	11.6 - 19.2	ppb	80	0	By-product of drinking water chlorination

LEAD & COPPER	DATE	90th Percentile	UNIT	AL	Sites over AL	TYPICAL SOURCE
LEAD	09/29/2022	.033	mg/L	.015	1	Corrosion of household plumbing systems, Erosion of Natural
COPPER	09/29/2022	.45	mg/L	1.30	0	deposits; Leaching from wood preservatives.

REGULATED CONTAMINANTS	COLLECTION DATE	HIGHEST VALUE	RANGE	UNIT	MCL	MCLG	TYPICAL SOURCE
ARSENIC	02/08/2022	.0038	.0021 - .0038	mg/L	10 ppb	0	Erosion of natural deposits; Runoff from orchards; Runoff from electronics and glass storage waste.
BARIUM	11/09/2022	.11	.055 - .11	mg/L	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
FLUORIDE	11/09/2022	.50	ND - .50	mg/L	2	4	Natural deposits; Water additive that supports strong teeth. The City DOES NOT add Fluoride to the water.
NITRATE	10/27/2022	.23	ND - .23	mg/L	10	10	Natural deposits; Water additive that supports strong teeth. The City DOES NOT add Fluoride to the water.

RADIONUCLIDES	COLLECTION DATE	HIGHEST VALUE	RANGE	UNIT	MCL	MCLG	TYPICAL SOURCE
COMBINED URANIUM	12/27/2019	24	12 - 24	µg/L	30	0	Erosion of natural deposits.
GROSS ALPHA, INCLUDING RADOH & URANIUM	12/30/2019	14.1	14.1	pCi/L	80	0	Decay of natural and man-made deposits.

SECONDARY CONTAMINANTS	COLLECTION DATE	HIGHEST VALUE	RANGE	UNIT	SMCL	MCLG
CHLORIDE	12/07/2022	31	20-31	mg/L	400	
IRON	11/09/2022	.18	.18	mg/L	.6	
MAGNESTIUM	11/09/2022	21	9.1 - 21	mg/L	150	
MANGANESE	11/09/2022	.088	.021 - .088	mg/L	.1	
PH	11/09/2022	7.67	7.57 - 7.67	SU	8.5	
SODIUM	11/09/2022	38	26 - 38	mg/L	200	20
SULFATE	11/09/2022	120	59 - 120	mg/L	500	
TDS	11/09/2022	460	260 - 460	mg/L	1000	
ZINC	11/09/2022	.085	0 - .085	mg/L	5	

**Summary of Yerington
 Water Quality Information
 2022**

Contact jayf@yerington.net for copies of specific reports. They are available in PDF format at no charge.

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Terms & Abbreviations:

Maximum Contaminant Level Goal (MCLG): the “Goal” is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLG’s allow for a margin of safety.

Maximum Contaminant Level (MCL): the “Maximum Allowed” MCL is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG’s as feasible using the best available treatment technology.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT): a treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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. MRDLG’s do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Non-Detects (ND): laboratory analysis indicates that the constituent is not present.

Parts per Million (ppm) or milligrams per liter (mg/l)

Parts per Billion (ppb) or micrograms per liter (µg/l)

Picocuries per Liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.

Millirems per Year (mrem/yr): measure of radiation absorbed by the body.

Million Fibers per Liter (MFL): million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10micrometers.

Nephelometric Turbidity Unit (NTU): nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Health Information About Water Quality:

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful bacteria may be present. The City of Yerington Water System had one positive result for Total Coliform in June of 2021, and this was a warning of possible problems. We performed additional sampling in in the following months, and all samples have since shown no further evidence of this biological contaminant. Your water meets the EPA’s standard for Lead. If present at elevated levels, this contaminant 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. Your Water System 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 drinking 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/safewater/lead>.

2022 Violations:

In 2022, the City of Yerington had three violations:

- 1: 03/01/2022 Failure to Sample (DBPR STAGE 2)
- 2: 05/13/2023 Failure to Sample (NITRATE)
- 3: 07/21/2022 SMCL Exceeded (ODOR)

The three violations are included in this report over the following three pages in compliance with (NRS) 445A.945, NRS 445A.950 and/or NRS 445A.955

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IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
Monitoring Requirements Not Met

CITY OF YERINGTON public water system (PWS I.D. #NV0000255) did not test the contaminants listed in the table below as required by State and Federal laws. *Because CITY OF YERINGTON public water system did not monitor or failed to monitor completely during the period indicated below, CITY OF YERINGTON public water system did not know whether the contaminants were present in your drinking water, and we are unable to tell you whether your health was at risk during that time.*

Sampling for the contaminants will be initiated during CY 2023, and you will be notified of any violation of the standards.

What does this mean to me?

This is not an emergency. You do not need to boil water or use an alternative source of water at this time.

The contaminants the public water system did not monitor are listed in the table below, with the period during which samples should have been taken, and the number of samples required for each contaminant.

VIOL TYPE	ID OR TAG NO.	SOURCE NAME	CONTAMINANT	MONITORING PERIOD	NUMBER OF SAMPLES REQUIRED	NUMBER OF SAMPLES TAKEN
27	DS01	DISTRIBUTION SYSTEM	DBPR STAGE 2	Year 2021 September	two	1

If you have any questions or comments regarding these violations, please call PWS contact: JAY FLAKUS at phone no. 775 463 3511.

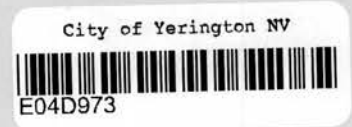
If other people, such as tenants, residents, patients, students, or employees, receive water from you, it is important that you provide this notice to them by posting in a conspicuous location or by direct hand or mail delivery.

VOC = volatile organic chemicals SOC = synthetic organic chemicals IOC = inorganic chemicals

What does the "VIOLATION TYPE CODE" mean?

Violation code 93 indicates that the violation is a State violation rather than a violation of the Federal or National Primary Drinking Water Standards. These are violations for failing to monitor for state secondary contaminants or failing to monitor primary drinking water contaminants during a State assigned monitoring year (one year during the standardized monitoring period/cycle). These violations must be reported to water users, but are not reported to the U.S. Environmental Protection Agency. If your water system serves a residential community, type 93 monitoring violations are not included in the annual Consumer Confidence Report.

Violation codes 03, 51, 52 and 27 are State and Federal violations and are reported to water users and the U.S. Environmental Protection Agency. Violations with these type codes must be included in the annual community Consumer Confidence Report.



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VIOL TYPE	ID OR TAG NO.	SOURCE NAME	CONTAMINANT	MONITORING PERIOD	NUMBER OF SAMPLES REQUIRED	NUMBER OF SAMPLES TAKEN
03	TP07	ARSENIC TREATMENT FACILITY	NITRATE	Year 2021	one	0
03	W05	MASON ROAD WELL	NITRATE	Year 2021	one	0
03	W07	NEW CALIFORNIA WELL (REPLACEMENT)	NITRATE	Year 2021	one	0

If you have any questions or comments regarding these violations, please call PWS contact: SAY FLAKUS at phone no. 775-463-3511.

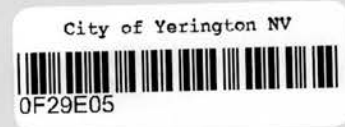
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IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER The City of Yerington

Has Levels of Odor Above the Secondary Drinking Water Standards

Our water system recently violated a secondary drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did and are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results we received on April 21, 2022 indicate that Odor was at or above the Secondary Maximum Contaminant Level (SMCL) of 3.0 Threshold Odor Number (TON). The detected concentration was 4.0 TON.

What should I do?

You do not need to use an alternative (e.g., bottled) water supply. Odor is an aesthetic concern. However, if you have specific health concerns, consult your doctor.

What does this mean?

Odor is an aesthetic concern. Odor levels above 3.0 TON can have a "rotten-egg", musty, or chemical smell.

What is being done?

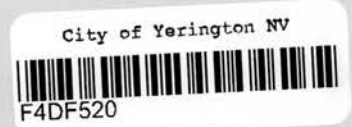
ADDITIONAL WATER FLUSHING.

Public Works Department
City of Yerington Nevada
14 E Goldfield Ave. Bldg B
Yerington, NV 89447

For more information, please contact [JAY FLAKUS] with the City of Yerington at (775) 463-3511.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the City of Yerington- State Water System ID#: NV0000255. Date distributed: 06/30/23.



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