



CENTERVILLE

city

2024 Water Quality Report

Join Us

If you want to learn more, please attend any of our regularly scheduled City Council meetings. They are held on the first and third Tuesday of each month at 7:00 pm at Centerville City Hall located at 250 North Main. Please check the City Council agenda prior to attending because our water system is not discussed at each meeting.

Contact Questions

Centerville Public Works
801-292-8232



This report shows our water quality and what it means to you, our customer.

Your Drinking Water

Centerville City is pleased to present you, our customer, with the most current Drinking Water Quality report. This report is designed to inform you about the quality of the water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water.

Centerville City provides its consumers with ground/surface water. These sources are listed as Church Well 210 E 200 S, 50E Cen St Lion Well, Ricks Creek Well, City Hall Well, Carrington Well, Church Well Main, Chase Lane Well, UTAH6013 Weber Basin WCD - South.

Source Protection

The Drinking Water Source Protection Plan for Centerville City is available for your review. It contains information about source protection zones, potential contamination sources and management strategies to protect our drinking water. Our sources have been determined to have a low level of susceptibility from potential contamination sources. We have also developed management strategies to further protect our sources from contamination. Please contact us if you have questions or concerns about our source protection plan.

Cross Connection

There are many connections to our water distribution system. When connections are properly installed and maintained, the concerns are very minimal. However, unapproved and improper piping changes or connections can adversely affect not only the availability, but also the quality of the water. A cross connection may let polluted water or even chemicals mingle into the water supply system when not properly protected. This not only compromises the water quality but can also affect your health. So, what can you do? Do not make or allow improper connections at your homes. Even that unprotected garden hose lying in the puddle next to the driveway is a cross connection. The unprotected lawn sprinkler system after you have fertilized or sprayed is also a cross connection. When the cross connection is allowed to exist at your home, it will affect you and your family first. If you'd like to learn more about helping to protect the quality of our water, call us for further information about ways you can help.

We at Centerville City work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life, and our children's future.

Table Definitions

In the following table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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

ND/Low - High - For water systems that have multiple sources of water, the Utah Division of Drinking Water has given water systems the option of listing the test results of the constituents in one table, instead of multiple tables. To accomplish this, the lowest and highest values detected in the multiple sources are recorded in the same space in the report table.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/l) - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

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 10 micrometers.

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.

Action Level (AL) - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which 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 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 MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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.

Date - Because of required sampling time frames i.e. yearly, 3 years, 4 years and 6 years, sampling dates may seem outdated.

Waivers (W) - Because some chemicals are not used or stored in areas around drinking water sources, some water systems have been given waivers that exempt them from having to take certain chemical samples, these waivers are also tied to Drinking Water Source Protection Plans.

Lead

Centerville City is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. Lead in drinking water is primarily from material and components associated with service lines and home plumbing. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. If 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. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced. If you are concerned about lead in your water, you may wish to have your water tested. Please contact Centerville City 801-292-8232. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>. Corrosion of pipes, plumbing fittings and fixtures may cause metals, including lead and copper, to enter drinking water. To assess corrosion of lead and copper, Centerville City conducts tap sampling for lead and copper at 30 selected sites every 3 years.

Centerville City has completed an initial lead service line inventory. This inventory includes information on the service line material that connects water mains to buildings/houses. These inventory reports are publicly available and can be accessed at <https://www.centervilleutah.gov/>.

If present, lead can cause serious health problems, especially for pregnant women and young children. Centerville City has conducted 30 lead samples during a 3 year period. Sampling results can be obtained by calling 801-292-8232 or emailing steven.hunt@centervilleutah.gov.

Centerville City routinely monitors contaminants in our drinking water in accordance with the Federal and Utah State laws. The following table shows the results of our monitoring for 2024. It is important to remember that all water sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health.

TEST RESULTS							
Contaminant	Violation Y/N	Level Detected ND/Low-High	Unit Measurement	MCLG	MCL	Date Sampled	Likely Source of Contamination
Microbiological Contaminants							
Total Coliform Bacteria	N	1	N/A	0	Presence of coliform bacteria in 5% of monthly samples	2024	Naturally present in the environment
Fecal coliform and <i>E. coli</i>	N	0	N/A	0	If a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive	2024	Human and animal fecal waste
Turbidity for Ground Water	N	0-0.33	NTU	N/A	5	2020, 2024	Soil runoff
Turbidity for Surface Water	N	0-0.33	NTU	N/A	0.5 in at least 95% of the samples and must never exceed 5.0	2020, 2024	Soil Runoff (highest single measurement & the lowest monthly percentage of samples meeting the turbidity limits)
Inorganic Contaminants							
Barium	N	0.023-0.052	ppb	2000	2000	2020, 2024	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Carbon, Total Organic (TOC)	N	0.9-4	ppm	NA	TT	2024	Naturally present in the environment
Copper	N	a.0.237	ppm	1.3	AL=1.3	2023	Corrosion of household plumbing systems; erosion of natural deposits
a. 90% results b. # of sites that exceed the AL		b.0					
Lead	N	a.3	ppb	0	AL=15	2023	Corrosion of household plumbing systems, erosion of natural deposits
a. 90% results b. # of sites that exceed the AL		b.0					
Nitrate (as Nitrogen)	N	.411-3.622	ppm	10	10	2023, 2024	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium	N	0-0.8	ppb	50	50	2020, 2024	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	26.004-39.041	ppm	None set by EPA	None set by EPA	2020, 2024	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills.
Sulfate	N	20.496-36.791	ppm	1000	1000	2020, 2024	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills, runoff from cropland
If the sulfate level of a public water system is greater than 500 ppm, the supplier must satisfactorily demonstrate that: a) no better water is available, and b) the water shall not be available for human consumption from commercial establishments. In no case shall water having a level above 1000 ppm be used.							
TDS (Total Dissolved solids)	N	192-484	ppm	2000	2000	2020, 2024	Erosion of natural deposits
If TDS is greater than 1000 ppm the supplier shall demonstrate to the Utah Drinking Water Board that no better water is available. The Board shall not allow the use of an inferior source of water if a better source is available.							
Disinfection By-products							
THM [Total trihalomethanes]	N	0-97.91	ppb	0	80	2024	By-product of drinking water disinfection
Haloacetic Acids	N	0-38.4	ppb	0	60	2024	By-product of drinking water disinfection
Radioactive Contaminants							
Alpha emitters	N	0.881-14.8	pCi/l	0	15	2020, 2023, 2024	Erosion of natural deposits
Combined Radium	N	0.186-0.982	pCi/l	0	5	2023, 2024	Erosion of natural deposits
Gross alpha including radon and uranium	N	17.4-18.1	pCi/l	0	0	2024	Erosion of natural deposits
Radium 226	N	0.022-0.4	pCi/l	0	5	2020, 2023, 2024	Erosion of natural deposits
Radium 228	N	0-0.739	pCi/l	0	5	2020, 2023, 2024	Erosion of natural deposits
Uranium	N	20.7-25.7	Ppb	0	30	2024	Erosion of natural deposits

Microbial Contaminants

Water samples taken in July 2024 confirmed the presence of total coliform bacteria. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Total coliforms are common in the environment and are generally not harmful themselves. The presence of these bacteria can indicate that the water may have been contaminated with organisms that can cause disease. Some symptoms may include diarrhea, cramps, nausea, and possible jaundice, headaches and fatigue. When the monthly samples confirmed the presence of total coliform bacteria, we took steps to identify and correct the problem. Subsequent monthly sampling has confirmed the absence of total coliforms in the water system.

Potential Health Risks Related to Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least a small amount of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and the potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline at (800-426-4791). The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, 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: 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, which 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, which may come from a variety of sources such as agricultural, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. To ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people such as people with cancer undergoing chemotherapy, people 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 from their health care providers about drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Water Conservation

Centerville City closely monitors all the water it treats and is confident about the high quality of water delivered to your homes and businesses. We all must rethink how we use water and challenge ourselves to preserve this resource for years to come. Rethinking outdoor water use is by far the area with the most potential for savings. The state is asking the water users of Centerville City to reduce per capita water use another 20% from now until 2030, through education and conservation programs. This info comes from Weber Basin WCD Water Quality Report. With increasing growth and the nature of the regional climate, there is no question that we will encounter future drought in the coming years. Future drought cycles will have an even greater effect than in previous years due to increased population and higher demands by private and commercial water users. Applying principles of conservation and improving our water efficiency must become a way of life for everyone. Centerville City is making extended efforts in water conservation by improving existing infrastructure, adopting new technology, and hosting educational opportunities for the public. Conservation alone will not meet future water needs. Centerville City & Weber Basin District will continue to develop water supplies, build new infrastructure, and maintain the current infrastructure. However, future water projects are costly and usually geographically limited. The more each of us can do to be efficient with our current water supply will help delay and minimize the cost of future projects. If we each save a little, we all can save a lot! Achieving this goal will be extremely difficult and will take a significant effort from all water users within the City. This water conservation effort will be a major focus of the city moving forward by educating water users on proper irrigation practices and changing both attitudes and behaviors toward wiser water use. We are grateful to those who are already making efforts to improve efficiency and conserve this valuable resource.

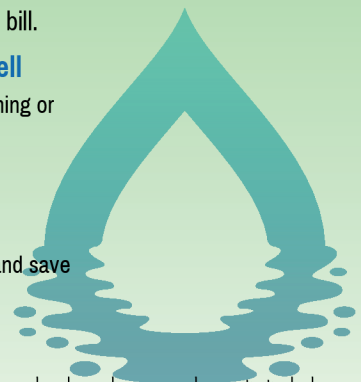
Water conservation measures are an important first step in protecting our water supply. Such measures not only save the supply of our source water, but you can also save money by reducing your water bill.

Conservation measures for inside your home

- Fix leaking faucets, pipes, toilets, etc.
- Replace old fixtures; install water-saving devices in faucets and appliances.
- Wash only full loads of laundry
- Do not use the toilet for trash disposal
- Take shorter showers
- Do not let the water run while shaving or brushing teeth
- Soak dishes before washing only run the dishwasher when full

You Can Conserve Outdoors as Well

- Water the lawn and garden in the early morning or evening
- Use mulch around plants and shrubs
- Repair leaks in faucets and hoses
- Use water-saving nozzles.
- Use water from a bucket to wash your car, and save the hose for rinsing



You can also learn about yard and conservation tips by visiting Weber Basin WCD's learning garden. The learning garden has classes and events to help make the most of your water and while enjoying your yard and garden throughout the year. For more information you can visit:

weberbasin.com/conservation/LearningGarden