

City of Twin Falls

Consumer Confidence Report 2021

The City of Twin Falls routinely monitors for contaminants in your drinking water in accordance with federal and state regulations. At low levels, these substances are generally not harmful in our drinking water. The following table reflects your drinking water quality for the period of January 1, 2021 through December 31, 2021.



Potential Contaminants

Inorganic contaminants: salts and metals, naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or agriculture.

Pesticides and herbicides: may come from agriculture, urban storm water runoff, and residential uses.

Microbial contaminants: viruses and bacteria, which may come from sewage treatment plants, septic systems, wildlife, and agricultural livestock operations

Organic chemical contaminants: by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants: naturally-occurring or the result of oil and gas production and mining activities.

Drinking Water Regulations

AL (Action Level): The concentration of a contaminant which, when exceeded, triggers treatment or other requirements.

MCL (Maximum Contaminant Level): The highest level of a contaminant allowed in drinking water.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health.

CONTAMINANT TABLE

Constituent	Violation (Y/N)	MCLG/ MRDLG	MCL/ MRDL	Lowest Level Detected	Highest Level Detected	Year Tested	Typical Sources of Contamination
INORGANIC CONTAMINANTS							
Arsenic (ppb)	N	0	10	1.47	8.68	2021	Erosion of natural deposits; Runoff from orchards, glass and electronics production wastes
Copper (ppm)	N	1.3	1.3 (AL)	NA	0.22	2019	Corrosion of household plumbing; Erosion of natural deposits
Lead (ppb)	N	0	15 (AL)	NA	1	2019	Corrosion of household plumbing; Erosion of natural deposits
Nitrate (ppm)	N	10	10	2.16	2.44	2021	Runoff from fertilizer; Leaching from septic tanks, sewage; Erosion of natural deposits
RADIOACTIVE CONTAMINANTS							
Alpha Emitters (pCi/L)	N	0	15	0.6	4.4	2019	Erosion of natural deposits
Radium 226/228 (pCi/L)	N	0	5	0	1.4	2019	Erosion of natural deposits
Uranium (ug/L)	N	0	30	2.7	5.7	2019	Erosion of natural deposits
DISINFECTANT & DISINFECTION BY-PRODUCTS							
Chlorine (ppm)	N	4	4	0.30	0.50	2021	Water additive to control microbes
HAA5 (ppb)	N	NA	60	4.85	6.14	2021	By-product of drinking water chlorination
TTHMs (ppb)	N	NA	80	26.6	29.2	2021	By-product of drinking water disinfection

Units of Measurement

Parts per billion (ppb): corresponds to one minute in 2,000 years

Parts per million (ppm): corresponds to one penny in \$10,000

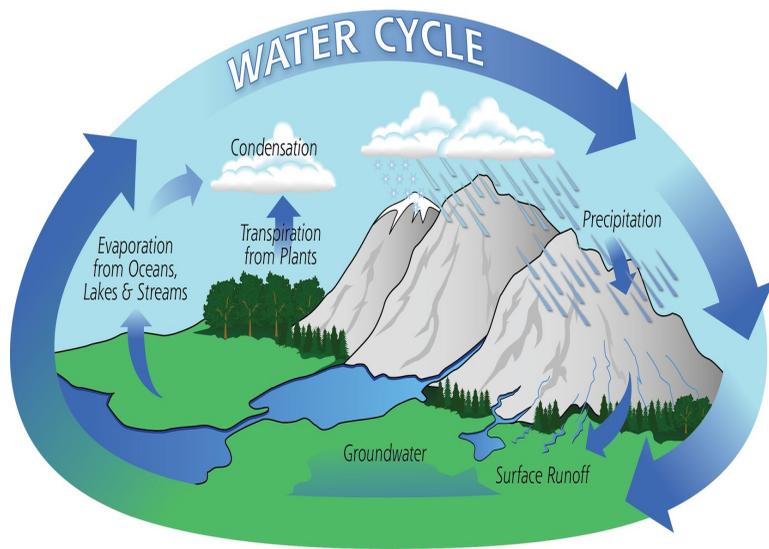
Picocuries per Liter (pCi/L): measures radioactivity per liter of water

Micrograms per Liter (ug/L): measures a substance per liter of water

Some people may be more vulnerable to contaminants in drinking water than the general population. These individuals can include:

- persons undergoing chemotherapy
- persons who have undergone organ transplants
- people with HIV/AIDS or other immune disorders
- Elderly individuals
- infants and young children

These individuals should consider seeking advice from a health care professional.



Where does my drinking water come from?
 The City of Twin Falls supplies drinking water from eight groundwater wells: *Blue Lakes Wells #1, #2, #3, #4; and South Wells #1, #2, #3, #4.*

After collection, your drinking water is treated by *disinfection*. Disinfection involves the use chlorine and other disinfectant to kill potentially harmful bacteria and microorganisms that may be present in the water.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels 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. 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.

Notice: Arsenic in Drinking Water
 While your drinking water meets EPA's standard for arsenic, it does contain levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA 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.



More information about contaminants and potential health effects can be obtained by calling EPA's Safe Drinking Water Hotline at 1-800-426-4791 or the website, www.epa.gov/safewater/hotline/

Notice: Lead in Home Plumbing
 Elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. You can minimize the potential for lead exposure by flushing your tap for up to 2 minutes before using water. You may wish to have your water tested if you have any concerns regarding your home plumbing.



Additional Testing for PFOAs and PFOS
 Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic (PFOS) acid are part of a group of man-made chemicals that were used until 2000 in manufacturing of many industrial and consumer products. While it is not required federally, we partnered with DEQ to do some initial testing of our wells for these contaminants. Below are the results from this testing.

PFBA was detected in in South Well #1, #2, #3 and #4. PFBS was detected in South Well #1 and #2. The Airport Well included detection of PFOA and PFOS at a combined 15.64 parts per trillion, well below the health advisory level of 70 ppt. Additional information, including health effects, treatment and frequently asked questions can be found on the DEQ website at <https://www.deq.idaho.gov/water-quality/drinkingwater/pfas-in-idaho/>



**Reduce Your Water Bill!
 Conserving Water in Your Home**

- ⇒ Take short showers - a 5 minute shower uses 4 to 5 gallons of water versus 50 gallons for a bath.
- ⇒ Shut off water while brushing your teeth and shaving and save up to 500 gallons a month.
- ⇒ Use a water-efficient showerhead to save you up to 750 gallons a month.
- ⇒ Run your clothes washer and dishwasher only when they are full to save up to 1,000 gallons a month.
- ⇒ Fixing or replacing leaky toilets and faucets can save up to 1,000 gallons a month.
- ⇒ Adjust sprinklers so only your lawn is watered. Apply water during the cooler parts of the day to reduce evaporation.

For additional information, contact:
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