

# Consumer Confidence Report Certification Form

(updated with electronic delivery methods)

*(suggested format)*

CWS Name: City of Cascade

PWSID No: ID4430012

The community water system named above hereby confirms that its consumer confidence report has been distributed to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the state/primacy agency.

Certified by:

Name: Stephen P. Yamamoto

Title: Public Works Superintendent

Phone #: 208.382.4278 Date: May 17, 2022

**Please check all items that apply.**

CCR was distributed by mail.

CCR was distributed by other direct delivery method. Specify direct delivery methods:

Mail – notification that CCR is available on website via a direct URL

Email – direct URL to CCR

Email – CCR sent as an attachment to the email

Email – CCR sent embedded in the email

Other: Utility Bill's message line delivered by customer's preferred method.

If the CCR was provided by a direct URL, please provide the direct URL Internet address:

www. https://cascadeid.us/city-government/public-works/

If the CCR was provided electronically, please describe how a customer requests paper CCR delivery:

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"Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods as recommended by the state/primacy agency:

posting the CCR on the Internet at [www.https://cascadeid.us/city-government/public-works/](https://cascadeid.us/city-government/public-works/)

mailing the CCR to postal patrons within the service area (attach a list of zip codes used)

advertising availability of the CCR in news media (attach copy of announcement)

publication of CCR in local newspaper (attach copy)

posting the CCR in public places (attach a list of locations)

delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers

delivery to community organizations (attach a list)

electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)

electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized) : **City of Cascade Facebook Page**

(for systems serving at least 100,000 persons) Posted CCR on a publicly-accessible Internet site at the address: [www.](http://www.)\_\_\_\_\_

Delivered CCR to other agencies as required by the state/primacy agency (attach a list)

# 2021 Consumer Confidence Report

## **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

## **Do I need to take special precautions?**

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. EPA/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 Water Drinking Hotline (800-426-4791).

## **Where does my water come from?**

Our water is groundwater and comes from Well #1, #2, and #3 located at the south end of Lake Cascade in Valley County.

## **Source water assessment and its availability**

We are pleased to report that our drinking water is safe and meets federal state requirements. The source water assessment, completed by the State of Idaho, Department of Environmental Quality is on file at Cascade City Hall.

## **Why are there contaminants in my 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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). 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: 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 agriculture, 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. In order 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.

### **How can I get involved?**

If you have any questions about this report or concerning our water utility, please contact Steve Yamamoto, Public Works Superintendent with the City of Cascade, P.O. Box 649, Cascade Idaho, 83611 or 208.382.4279. We want our valued customers to be informed about their water quality. If you want to learn more, please attend any of our regularly scheduled City Council meetings. They are held on the second and fourth Monday of each month at 6:00 pm at City Hall located at 105 South Main Street.

### **Water Conservation Tips**

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit [www.epa.gov/watersense](http://www.epa.gov/watersense) for more information.

## **Cross Connection Control Survey**

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/ Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

## **Source Water Protection Tips**

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

## **Additional Information for Lead**

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 service lines and home plumbing. City of Cascade 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/safewater/lead>.

Unit Descriptions	
Term	Definition
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. 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.
MRDL	MRDL: Maximum residual disinfectant level. 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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**

Contact Name: Steve Yamamoto  
 Address: 105 South Main Street, P.O. Box 649  
 Cascade, ID 83611  
 Phone: 2083824279

**Chemical And Radiological Sampling History**  
**PWS Number: ID4430012**  
**PWS Name: CASCADE CITY OF**  
**Total Records: 120**

**A PWS is only required to report the most recent detections of any contaminant at each representative sampling location.** For example, if nitrate is detected in a sample collected at Well X in 2020, but is not detected at Well X in 2021, then the system is not required to report nitrate for Well X in the 2021 CCR. **Note:** If a contaminant (e.g., nitrate) is listed with a "Y" (meaning "Yes") in the "non-detect" column, this means that sampling results showed a "non-detect" - that is to say, nitrate was not detected.

**Required Language.** If a system reports a detection, the system must give the major sources of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the *"Major Sources in Drinking Water"* column and place it in your CCR. If the system exceeds the MCL (maximum contaminant level) value of a contaminant, the system must show the potential health effects of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the *"Health Effects Language"* column and place it in your CCR.

**Abbreviations used below:**

MG/L (mg/L) = milligrams per liter (mg/L = ppm in Appendix A)  
 UG/L (µg/L) = micrograms per liter (µg/L = ppb in Appendix A)  
 PIC/L (pCi/L) = picocuries per liter

Contaminant	Date Collected	Facility	Non Detect?	Detected Level	Units	CCR Units
1,1,1-TRICHLOROETHANE	11/14/2019	WELL #1	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	11/14/2019	WELL #3	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	11/14/2019	WELL #1	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	11/14/2019	WELL #3	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
1,1-DICHLOROETHYLENE	11/14/2019	WELL #1	Y	0.000		0.000
1,1-DICHLOROETHYLENE	11/14/2019	WELL #3	Y	0.000		0.000
1,1-DICHLOROETHYLENE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
1,2,4-TRICHLOROBENZENE	11/14/2019	WELL #1	Y	0.000		0.000
1,2,4-TRICHLOROBENZENE	11/14/2019	WELL #3	Y	0.000		0.000
1,2,4-TRICHLOROBENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
1,2-DICHLOROETHANE	11/14/2019	WELL #1	Y	0.000		0.000
1,2-DICHLOROETHANE	11/14/2019	WELL #3	Y	0.000		0.000
1,2-DICHLOROETHANE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
1,2-DICHLOROPROPANE	11/14/2019	WELL #1	Y	0.000		0.000
1,2-DICHLOROPROPANE	11/14/2019	WELL #3	Y	0.000		0.000
1,2-DICHLOROPROPANE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
ANTIMONY, TOTAL	11/14/2019	WELL #1	Y	0.000		0.000
ANTIMONY, TOTAL	11/14/2019	WELL #3	Y	0.000		0.000
ANTIMONY, TOTAL	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
ARSENIC	11/14/2019	WELL #1	Y	0.000		0.000
ARSENIC	11/14/2019	WELL #3	Y	0.000		0.000
ARSENIC	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
BARIUM	11/14/2019	WELL #1	N	0.070	MG/L	0.070
BARIUM	11/14/2019	WELL #3	N	0.070	MG/L	0.070
BARIUM	08/27/2019	WELL #2-PRIMARY	N	0.060	MG/L	0.060
BENZENE	11/14/2019	WELL #1	Y	0.000		0.000
BENZENE	11/14/2019	WELL #3	Y	0.000		0.000
BENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
BERYLLIUM, TOTAL	11/14/2019	WELL #1	Y	0.000		0.000
BERYLLIUM, TOTAL	11/14/2019	WELL #3	Y	0.000		0.000
BERYLLIUM, TOTAL	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
CADMIUM	11/14/2019	WELL #1	Y	0.000		0.000
CADMIUM	11/14/2019	WELL #3	Y	0.000		0.000
CADMIUM	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
CARBON TETRACHLORIDE	11/14/2019	WELL #1	Y	0.000		0.000
CARBON TETRACHLORIDE	11/14/2019	WELL #3	Y	0.000		0.000
CARBON TETRACHLORIDE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
CHLOROBENZENE	11/14/2019	WELL #1	Y	0.000		0.000
CHLOROBENZENE	11/14/2019	WELL #3	Y	0.000		0.000
CHLOROBENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000
CHROMIUM	11/14/2019	WELL #1	Y	0.000		0.000
CHROMIUM	11/14/2019	WELL #3	Y	0.000		0.000
CHROMIUM	08/27/2019	WELL #2-PRIMARY	Y	0.000		0.000

**Sampling History Report**  
**Print Date: May 13, 2022**

CIS-1,2-DICHLOROETHYLENE	11/14/2019	WELL #1	Y	0.000	0.000
CIS-1,2-DICHLOROETHYLENE	11/14/2019	WELL #3	Y	0.000	0.000
CIS-1,2-DICHLOROETHYLENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
COMBINED URANIUM	11/14/2019	WELL #1	Y	0.000	0.000
COMBINED URANIUM	11/14/2019	WELL #3	Y	0.000	0.000
COMBINED URANIUM	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
DICHLOROMETHANE	11/14/2019	WELL #1	Y	0.000	0.000
DICHLOROMETHANE	11/14/2019	WELL #3	Y	0.000	0.000
DICHLOROMETHANE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
ETHYLBENZENE	11/14/2019	WELL #1	Y	0.000	0.000
ETHYLBENZENE	11/14/2019	WELL #3	Y	0.000	0.000
ETHYLBENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
FLUORIDE	11/14/2019	WELL #1	Y	0.000	0.000
FLUORIDE	11/14/2019	WELL #3	Y	0.000	0.000
FLUORIDE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
GROSS ALPHA, INCL. RADON & U	11/14/2019	WELL #1	Y	0.000	0.000
GROSS ALPHA, INCL. RADON & U	11/14/2019	WELL #3	Y	0.000	0.000
GROSS ALPHA, INCL. RADON & U	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
MERCURY	11/14/2019	WELL #1	Y	0.000	0.000
MERCURY	11/14/2019	WELL #3	Y	0.000	0.000
MERCURY	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
NICKEL	11/14/2019	WELL #1	Y	0.000	0.000
NICKEL	11/14/2019	WELL #3	Y	0.000	0.000
NICKEL	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	09/30/2021	WELL #1	Y	0.000	0.000
NITRATE	09/30/2021	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	09/30/2021	WELL #3	Y	0.000	0.000
NITRATE	12/08/2020	WELL #1	Y	0.000	0.000
NITRATE	12/08/2020	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	12/08/2020	WELL #3	Y	0.000	0.000
NITRATE	11/14/2019	WELL #1	Y	0.000	0.000
NITRATE	11/14/2019	WELL #3	Y	0.000	0.000
NITRATE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	12/28/2018	WELL #1	Y	0.000	0.000
NITRATE	09/28/2018	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	09/28/2018	WELL #3	Y	0.000	0.000
NITRATE	08/25/2017	WELL #1	Y	0.000	0.000
NITRATE	08/25/2017	WELL #2-PRIMARY	Y	0.000	0.000
NITRATE	08/25/2017	WELL #3	Y	0.000	0.000
NITRITE	11/14/2019	WELL #1	Y	0.000	0.000
NITRITE	11/14/2019	WELL #3	Y	0.000	0.000
NITRITE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
O-DICHLOROBENZENE	11/14/2019	WELL #1	Y	0.000	0.000
O-DICHLOROBENZENE	11/14/2019	WELL #3	Y	0.000	0.000
O-DICHLOROBENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
P-DICHLOROBENZENE	11/14/2019	WELL #1	Y	0.000	0.000
P-DICHLOROBENZENE	11/14/2019	WELL #3	Y	0.000	0.000
P-DICHLOROBENZENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
SELENIUM	11/14/2019	WELL #1	Y	0.000	0.000
SELENIUM	11/14/2019	WELL #3	Y	0.000	0.000
SELENIUM	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
STYRENE	11/14/2019	WELL #1	Y	0.000	0.000
STYRENE	11/14/2019	WELL #3	Y	0.000	0.000
STYRENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
TETRACHLOROETHYLENE	11/14/2019	WELL #1	Y	0.000	0.000
TETRACHLOROETHYLENE	11/14/2019	WELL #3	Y	0.000	0.000
TETRACHLOROETHYLENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
THALLIUM, TOTAL	11/14/2019	WELL #1	Y	0.000	0.000
THALLIUM, TOTAL	11/14/2019	WELL #3	Y	0.000	0.000
THALLIUM, TOTAL	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
TOLUENE	11/14/2019	WELL #1	Y	0.000	0.000
TOLUENE	11/14/2019	WELL #3	Y	0.000	0.000
TOLUENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	11/14/2019	WELL #1	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	11/14/2019	WELL #3	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
TRICHLOROETHYLENE	11/14/2019	WELL #1	Y	0.000	0.000
TRICHLOROETHYLENE	11/14/2019	WELL #3	Y	0.000	0.000
TRICHLOROETHYLENE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
VINYL CHLORIDE	11/14/2019	WELL #1	Y	0.000	0.000
VINYL CHLORIDE	11/14/2019	WELL #3	Y	0.000	0.000
VINYL CHLORIDE	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000
XYLENES, TOTAL	11/14/2019	WELL #1	Y	0.000	0.000
XYLENES, TOTAL	11/14/2019	WELL #3	Y	0.000	0.000
XYLENES, TOTAL	08/27/2019	WELL #2-PRIMARY	Y	0.000	0.000



Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Coliform Sampling History**  
PWS Number: ID4430012  
PWS Name: CASCADE CITY OF  
Total Records: 24

Only report coliform results in the CCR if one or more samples tested positive during the 2021 calendar year.

**Required Language.** If your water system's coliform history for the year included one or more samples present for coliform, you must give the major sources of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the *"Major Sources in Drinking Water"* column and place it in your CCR. If the system has exceeded the MCL (maximum contaminant level) value for coliforms, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the *"Health Effects Language"* column and place it in your CCR.

**Coliform Sampling History**  
Total Records: 24

Contaminant	Date Collected	P=Present A=Absent
COLIFORM (TCR)	12/10/2021	A
COLIFORM (TCR)	12/10/2021	A
COLIFORM (TCR)	11/01/2021	A
COLIFORM (TCR)	11/01/2021	A
COLIFORM (TCR)	10/04/2021	A
COLIFORM (TCR)	10/04/2021	A
COLIFORM (TCR)	09/09/2021	A
COLIFORM (TCR)	09/09/2021	A
COLIFORM (TCR)	08/10/2021	A
COLIFORM (TCR)	08/10/2021	A
COLIFORM (TCR)	07/09/2021	A
COLIFORM (TCR)	07/09/2021	A
COLIFORM (TCR)	06/02/2021	A
COLIFORM (TCR)	06/02/2021	A
COLIFORM (TCR)	05/03/2021	A
COLIFORM (TCR)	05/03/2021	A
COLIFORM (TCR)	04/05/2021	A
COLIFORM (TCR)	04/05/2021	A
COLIFORM (TCR)	03/02/2021	A
COLIFORM (TCR)	03/02/2021	A
COLIFORM (TCR)	02/03/2021	A
COLIFORM (TCR)	02/03/2021	A
COLIFORM (TCR)	01/06/2021	A
COLIFORM (TCR)	01/06/2021	A

Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Lead And Copper Sampling History**  
PWS Number: ID4430012  
PWS Name: CASCADE CITY OF  
Total Records: 4

**A public water system is only required to report the most recent 90% percentile detections for lead and copper within the past five years.** If a result is listed as zero, it should be assumed the result was actually a non-detect.

**Other lead and copper information to be included** in the CCR not listed on this page are the number of samples collected from the distribution system, and the highest level of lead or copper that was detected.

**Required Language.** If there are detections for lead and copper to report, the system must give the major sources of the contaminant. If a system reports a detection, the system must give the major sources of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the "*Major Sources in Drinking Water*" column and place it in your CCR. If the system exceeds the MCL (maximum contaminant level) value of a contaminant, the system must show the potential health effects of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the "*Health Effects Language*" column and place it in your CCR.

**Abbreviations used below:**

MG/L (mg/L) = milligrams per liter (mg/L = ppm in Appendix A)

UG/L (µg/L) = micrograms per liter (µg/L = ppb in Appendix A)

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Contaminant	# Samples Collected	90th %ile Result	Units	Date Collected	CCR Units
LEAD SUMMARY	10	0.009	MG/L	09/30/2021	9.000
COPPER SUMMARY	10	0.290	MG/L	09/30/2021	0.290
LEAD SUMMARY	10	0.009	MG/L	09/21/2018	9.000
COPPER SUMMARY	10	0.440	MG/L	09/21/2018	0.440

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**DBP Sampling History**  
**PWS Number: ID4430012**  
**PWS Name: CASCADE CITY OF**  
**Total Records: 32**

Sampling history is only listed for systems which are practicing chlorination on a full-time basis.

Public water systems that are required to collect one sample for disinfection byproducts once every year, or every three years, are only required to report the most recent detections for disinfection byproducts. If the most recent sampling was a non-detect for the contaminants, then it is not necessary to report any disinfection byproduct sampling. **Note:** If a contaminant is listed with a "Y" (meaning "Yes") in the "non-detect" column, this means that sampling results showed a "non-detect" - that is to say, the contaminant was not detected.

If a public water system collects more than one sample per year, the system must report the average of Total Trihalomethanes and Haloacetic Acids Group 5 over the 2021 calendar year. The highest level detected, and the range for each contaminant must also be reported.

**Required Language.** If a system reports a detection, the system must give the major sources of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the "Major Sources in Drinking Water" column and place it in your CCR. If the system has exceeded the MCL (maximum contaminant level) value of a contaminant, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the "Health Effects Language" column and place it in your CCR.

Contaminant	Date Collected	Sampling Location	Non Detect?	Detected Level	Units	CCR Units
TOTAL HALOACETIC ACIDS (HAA5)	08/19/2021	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/19/2021	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/04/2020	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/04/2020	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	07/09/2019	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	07/09/2019	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	07/24/2018	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	07/24/2018	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/21/2017	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/25/2017	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/24/2016	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	08/24/2016	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/01/2015	1465 SOUTH MAIN	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/01/2015	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/08/2014	120 BOGIE	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/08/2014	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	08/19/2021	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	08/19/2021	120 BOGIE	Y	0.000		0.000
TTHM	08/04/2020	120 BOGIE	Y	0.000		0.000
TTHM	08/04/2020	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	07/09/2019	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	07/09/2019	120 BOGIE	Y	0.000		0.000
TTHM	07/24/2018	120 BOGIE	Y	0.000		0.000
TTHM	07/24/2018	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	09/21/2017	1465 SOUTH MAIN	N	0.001	MG/L	0.500
TTHM	08/25/2017	120 BOGIE	Y	0.000		0.000
TTHM	08/24/2016	120 BOGIE	Y	0.000		0.000
TTHM	08/24/2016	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	09/01/2015	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	09/01/2015	120 BOGIE	Y	0.000		0.000
TTHM	09/08/2014	1465 SOUTH MAIN	Y	0.000		0.000
TTHM	09/08/2014	120 BOGIE	Y	0.000		0.000

Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**RTCR Sampling History**  
**PWS Number: ID4430012**  
**PWS Name: CASCADE CITY OF**  
**Total Records: 0**

**Only report if your water system was required to comply with one or more Revised Total Coliform Rule (RTCR) Level 1 and/or Level 2 Assessments during the 2017 calendar year.**

**Required Language:** If your water system was required to conduct an RTCR Level 1 or Level 2 Assessment (numbers I-III below), the associated information must be reported in the CCR in accordance with IDAPA 58.01.08.151.

- I. If your water system was required to conduct a Level 1 or 2 assessment **not** due to an *E. coli* MCL violation, go to section I below.
- II. If your water system was required to conduct a Level 2 assessment **due** to an *E. coli* MCL violation, go to section II below.
- III. If your water system detected *E. coli* and **did not** violate the *E. coli* MCL, go to section III below.

**I. If your water system was required to conduct a Level 1 or 2 assessment not due to an *E. coli* MCL violation**, you must include in the report adverse health affect information and additional information regarding the number of assessments required, the number of assessments completed, the number of corrective actions required and the number of corrective actions completed.

**(A) Adverse Health Effects Required Text:** 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.

**(B) Additional Information Required:**

- a. During the past year we were required to conduct [INSERT NUMBER OF LEVEL 1 ASSESSMENTS] Level 1 assessment(s). [INSERT NUMBER OF LEVEL 1 ASSESSMENTS] Level 1 assessment(s) were completed. In addition, we were required to take [INSERT NUMBER OF CORRECTIVE ACTIONS] corrective actions and we completed [INSERT NUMBER OF CORRECTIVE ACTIONS] of these actions.
- b. During the past year [INSERT NUMBER OF LEVEL 2 ASSESSMENTS] Level 2 assessments were required to be completed for our water system. [INSERT NUMBER OF LEVEL 2 ASSESSMENTS] Level 2 assessments were completed. In addition, we were required to take [INSERT NUMBER OF CORRECTIVE ACTIONS] corrective actions and we completed [INSERT NUMBER OF CORRECTIVE ACTIONS] of these actions.
- c. Any system that has failed to complete all the required assessments or correct all identified sanitary defects, is in violation of the treatment technique requirement and must also include one or both of the following statements, as appropriate:
  - i. During the past year we failed to conduct all of the required assessment(s).
  - ii. During the past year we failed to correct all identified defects that were found during the assessment.

**II. If your water system was required to conduct a Level 2 assessment due to an *E. coli* MCL violation**, you must include in the report adverse health affect information and additional information regarding the number of assessments required, the number of assessments completed, the number of corrective actions required and the number of corrective actions completed.

**(A) Adverse Health Effects Required Text:** *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. We found *E. coli* bacteria, 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.

**(B) Additional Information Required:**

a. We were required to complete a Level 2 assessment because we found *E. coli* in our water system. In addition, we were required to take [INSERT NUMBER OF CORRECTIVE ACTIONS] corrective actions and we completed [INSERT NUMBER OF CORRECTIVE ACTIONS] of these actions.

b. Any system that has failed to complete the required assessment or correct all identified sanitary defects, is in violation of the treatment technique requirement and must also include one or both of the following statements, as appropriate:

i. We failed to conduct the required assessment.

ii. We failed to correct all sanitary defects that were identified during the assessment that we conducted.

c. Any system that violated the *E. coli* MCL, the system must include, in addition to the required adverse health effects text [see II.(A) above], one or more of the following statements to describe any noncompliance, as applicable:

i. We had an *E. coli*-positive repeat sample following a total coliform-positive routine sample.

ii. We had a total coliform-positive repeat sample following an *E. coli*-positive routine sample.

iii. We failed to take all required repeat samples following an *E. coli*-positive routine sample.

iv. We failed to test for *E. coli* when any repeat sample tests positive for total coliform.

**III. If your water system detected *E. coli* and did not violate the *E. coli* MCL**, the system may include, in addition to the required adverse health effects text [See II.(A) above], a statement that explains that although *E. coli* water detected, your system was not in violation of the *E. coli* MCL.

**No results were found for the RTRC Sampling History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Chlorine Maximum Residual Disinfectant Level Sampling History**  
PWS Number: ID4430012  
PWS Name: CASCADE CITY OF  
Total Records: 12

Sampling history is only listed for systems which are practicing chlorination on a full-time basis.

Please include in your CCR the highest chlorine residual level detected during the previous calendar year (2021) by your system, as well as the average of all residuals collected during 2021.

**Required Language.** If the system exceeds the chlorine MCL (maximum contaminant level) value, the system must show the potential health effects of the contaminant. To report this information, go to **Appendix A of the CCR template**, find the contaminant, and copy the information from the *"Health Effects Language"* column and place it in your CCR.

Samples Collected	Chlorine Residual	Units	Begin Date	Monitoring Period
2	0.1000	MG/L	01/01/2021	JAN2021
2	0.1000	MG/L	02/01/2021	FEB2021
2	0.2000	MG/L	03/01/2021	MAR2021
2	0.1000	MG/L	04/01/2021	APR2021
2	0.2000	MG/L	05/01/2021	MAY2021
2	0.1000	MG/L	06/01/2021	JUN2021
2	0.0100	MG/L	07/01/2021	JUL2021
2	0.1000	MG/L	08/01/2021	AUG2021
2	0.1000	MG/L	09/01/2021	SEP2021
2	0.2000	MG/L	10/01/2021	OCT2021
2	0.2000	MG/L	11/01/2021	NOV2021
2	0.1000	MG/L	12/01/2021	DEC2021

Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Chemical And Radiological Violation History**

PWS Number: ID4430012

PWS Name: CASCADE CITY OF

Total Records: 0

**Monitoring violations** are violations that occurred because a system failed to complete a required contaminant sampling (which means the system failed to "monitor" or sample for a contaminant).

**MCL (maximum contaminant level) violations** are violations that occurred because the level of the completed sampling was higher than allowed, or higher than the MCL (maximum contaminant level).

**If the chemical monitoring report shows no results**, then the system has no chemical violations for the last (2021) calendar year.

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**No results were found for the Chemical And Radiological Violation History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.



**Coliform Violation History**  
**PWS Number: ID4430012**  
**PWS Name: CASCADE CITY OF**  
**Total Records: 1**

**Monitoring violations** are violations that occurred because a system failed to complete a required contaminant sampling (which means the system failed to "monitor" or sample for a contaminant).

**MCL (maximum contaminant level) violations** are violations that occurred because the level of the completed sampling was higher than allowed, or higher than the MCL (maximum contaminant level).

**If the coliform monitoring report shows no results**, then the system has no coliform violations for the last (2021) calendar year.

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Contaminant	Violation Type	Begin Date	End Date
GROUNDWATER RULE	FAILURE TO CONSULT, GWR	05/29/2021	06/09/2021

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Lead And Copper Violation History**

PWS Number: ID4430012

PWS Name: CASCADE CITY OF

Total Records: 0

If your system has a violation listed below, it means that your system was required to sample for lead and copper during calendar year 2021, but failed to do so during the appropriate time period. These violations must be reported in the CCR as a failure to monitor.

If the lead and copper monitoring violations report shows no results (Total Records: 0), then the system has no lead and copper monitoring violations for the last (2021) calendar year.

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No results were found for the Lead And Copper Violation History Report.

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**DBP Violation History**  
**PWS Number: ID4430012**  
**PWS Name: CASCADE CITY OF**  
**Total Records: 0**

**This report only applies to systems practicing chlorination and/or filtration.**

**Monitoring violations** are violations that occurred because a system failed to complete a required contaminant sampling (which means the system failed to "monitor" or sample for a contaminant).

**MCL (maximum contaminant level) violations** are violations that occurred because the level of the completed sampling was higher than allowed, or higher than the MCL (maximum contaminant level).

**If the DBP monitoring violations report shows no results**, then the system has no disinfection byproduct violations for the last (2021) calendar year.

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**No results were found for the DBP Violation History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**SWTR and MRDL Violation History**  
PWS Number: ID4430012  
PWS Name: CASCADE CITY OF  
Total Records: 0

**This report only applies to systems practicing chlorination and/or filtration.**

**Violations listed are either treatment techniques or failure to monitor violations.** Violation Type "TT" designates a treatment technique violation; violation type "MON" designates a monitoring violation.

**If no records are displayed,** the system did not accrue any applicable violations during the previous calendar year.

**For your information - definitions of abbreviations found in the "Requirements" column:**

**EPRD:** "entry point residual disinfection" level either not met or not reported.

**DSRD:** "distribution system residual disinfection" level either not met or not reported.

**95PT:** "95 percentile" (95%) turbidity level either exceeded or not reported.

**MAXT:** "maximum turbidity" level either exceeded or not reported.

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**No results were found for the SWTR and MRDL Violation History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Sanitary Survey Significant Deficiency Violation History**

PWS Number: ID4430012

PWS Name: CASCADE CITY OF

Total Records: 0

**This report identifies violations generated from unaddressed significant deficiencies and failing to consult with the state to produce a compliance schedule.**

**If the Sanitary Survey Significant Deficiency violations report shows no results, then the system has no significant deficiency violations for the last (2021) calendar year.**

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**No results were found for the Sanitary Survey Significant Deficiency Violation History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.

**Public Notification Violation History**  
PWS Number: ID4430012  
PWS Name: CASCADE CITY OF  
Total Records: 0

**This report identifies violations generated from failing to deliver public notification to the public in accordance with the public notification schedule.**

**If the Public Notification violation history report shows no results,** then the system has no public notification violations for the last (2021) calendar year.

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**No results were found for the Public Notification Violation History Report.**

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Note: Please notify your regional DEQ office if you find discrepancies in your sampling or violation histories. DEQ will correct the errors in the agency's database.