

# City of Greenleaf

20523 N. Whittier Drive  
Greenleaf, Idaho 83626-9199  
208/454-0552 (office)  
208/454-7994 (fax)  
[cityhall@greenleaf-idaho.us](mailto:cityhall@greenleaf-idaho.us)  
<http://www.greenleaf-idaho.us/>

## City of Greenleaf, Idaho

Public Water System (PWS) #3140041

### Consumer Confidence Report (CCR) CY – 2022

#### **Is my water safe?**

The City of Greenleaf is 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.* The City is 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?**

The City of Greenleaf maintains four (4) wells at three (3) active well sites with deep wells. All well sites are within the city limits.

#### **Violations**

The city is unaware of any violations in CY-2022.

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

The Idaho Department of Environmental Quality has prepared Source Water Assessment Reports for the City of Greenleaf public water system (Idaho PWS #3140041) for all active wells on the system. These reports are available at <http://www2.deq.idaho.gov/water/swaOnline/Search> from the Idaho Department of Environmental Quality.

The City of Greenleaf also maintains a contingency plan for, and a vulnerability assessment of, the public water system.

### **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 Hot-line (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 storm-water 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 storm-water 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 storm-water 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?**

Those served by the City of Greenleaf public water system are encouraged to be involved with decisions that affect the water system. The City Council meets regularly on the first Tuesday of each month. For more information please contact Greenleaf City Hall, 20523 North Whittier Drive, Greenleaf, Idaho 83626, 208/454-0552 (phone), 208/454-7994 (fax), [cityhall@greenleaf-idaho.us](mailto:cityhall@greenleaf-idaho.us) (E-mail), visit the city website ([www.greenleaf-idaho.us](http://www.greenleaf-idaho.us)), or visit the city FaceBook Page.

### **Description of Water Treatment Process**

Water in the City system is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. *Disinfection is considered to be one of the major public health advances of the 20th century.*

### **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 shower-head. 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 <https://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. The City is 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 the City to discuss cross connection. If needed, the City will 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.

### **City Information**

For more information regarding the City of Greenleaf, please contact Greenleaf City Hall, 20523 Whittier Drive, Greenleaf, Idaho 83626, 208/454-0552 (phone), 208/454-7994 (fax), cityhall@greenleaf-idaho.us (E-mail), visit the city website ([www.greenleaf-idaho.us](http://www.greenleaf-idaho.us)) or visit the city FaceBook Page. Greenleaf City Hall is open workdays from 9:00 a.m. to 5:00 p.m. and remains open during the lunch hour.

### **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 private service lines and home plumbing.*** The City of Greenleaf, Idaho Public Water System (PWS) #3140041, is responsible for providing high quality drinking water, but cannot control the variety of materials used past the water meter in private service lines and 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 <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

### **Water Quality Data**

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. Please see Appendix 'A' for water quality reporting, including sampling history, violation history, and regulated contaminants information.

***All 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. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels.

The EPA and the State require that the City monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some test data, though representative, may be more than one year old.

**For more information please contact:**

Contact Name: Doug C. Amick, Public Services Director  
Address: 20523 Whittier Drive, Greenleaf, ID 83626  
Phone: 208/454-0552  
Fax: 208/454-7994  
E-Mail: [douglas.amick@greenleaf-idaho.us](mailto:douglas.amick@greenleaf-idaho.us)  
Website: [www.greenleaf-idaho.us](http://www.greenleaf-idaho.us)

## **City of Greenleaf**

20523 N. Whittier Drive  
Greenleaf, Idaho 83626-9199  
208/454-0552 (office)  
208/454-7994 (fax)  
cityhall@greenleaf-idaho.us  
<http://www.greenleaf-idaho.us/>

## **City of Greenleaf, Idaho**

Public Water System (PWS) #3140041

### **Consumer Confidence Report (CCR) CY – 2022**

### **Exhibit 'A'**

CY-2022 Violation History Report

CY-2022 Sampling History Report

40 CFR Part 141 Subpart O  
including Appendix A - Regulated Contaminants Table  
with Health Effects Language

### **Available from:**

**Greenleaf City Hall  
20523 Whittier Drive  
Greenleaf, ID 83626  
phone: 208/454-0552  
fax: 208/454-7994  
E-mail: [cityhall@greenleaf-idaho.us](mailto:cityhall@greenleaf-idaho.us)**

**or**

**Posted at <http://www.greenleaf-idaho.us>**

**Chemical And Radiological Violation History**

PWS Number: ID3140041  
PWS Name: GREENLEAF 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 (2022) calendar year.

---

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

---

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.

**Violation History Report**  
**Print Date: June 28, 2023**

---

**Coliform Violation History**  
**PWS Number: ID3140041**  
**PWS Name: GREENLEAF 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 coliform monitoring report shows no results**, then the system has no coliform violations for the last (2022) calendar year.

---

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

---

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: ID3140041

PWS Name: GREENLEAF 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 2022, 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 (2022) calendar year.

---

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

---

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: ID3140041  
PWS Name: GREENLEAF 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 (2022) calendar year.

---

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

---

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: ID3140041  
PWS Name: GREENLEAF 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.

---

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

---

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: ID3140041  
PWS Name: GREENLEAF 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 (2022) calendar year.**

---

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

---

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: ID3140041  
PWS Name: GREENLEAF 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 (2022) calendar year.

---

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

---

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.

**Sampling History Report**  
**Print Date: June 28, 2023**

**Chemical And Radiological Sampling History**

PWS Number: ID3140041  
PWS Name: GREENLEAF CITY OF  
Total Records: 625

**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 2021, but is not detected at Well X in 2022, then the system is not required to report nitrate for Well X in the 2022 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	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,1-TRICHLOROETHANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1,2-TRICHLOROETHANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,1-DICHLOROETHYLENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,1-DICHLOROETHYLENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2,4-TRICHLOROENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

1,2-DIBROMO-3-CHLOROPROPANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DIBROMO-3-CHLOROPROPANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,2-DICHLOROETHANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROETHANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	03/25/2022	BUTLER WELL	Y	0.000		0.000
1,2-DICHLOROPROPANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
1,2-DICHLOROPROPANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4,5-TP	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
2,4-D	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ANTIMONY, TOTAL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ANTIMONY, TOTAL	03/25/2022	BUTLER WELL	Y	0.000		0.000
ANTIMONY, TOTAL	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
ANTIMONY, TOTAL	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
ANTIMONY, TOTAL	08/30/2019	BUTLER WELL	Y	0.000		0.000
ARSENIC	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ARSENIC	12/23/2022	WELL#1-HARMONY OUSTSIDE	N	0.007	MG/L	6.700
ARSENIC	03/25/2022	BUTLER WELL	Y	0.000		0.000
ARSENIC	12/27/2019	WELL#1-HARMONY OUSTSIDE	N	0.006	MG/L	6.000
ARSENIC	09/26/2019	WELL#1-HARMONY OUSTSIDE	N	0.006	MG/L	5.800
ARSENIC	08/30/2019	BUTLER WELL	Y	0.000		0.000
ATRAZINE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ATRAZINE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
BARIUM	12/23/2022	WELL #4 HARMONY INSIDE	N	0.100	MG/L	0.100
BARIUM	03/25/2022	BUTLER WELL	Y	0.000		0.000
BARIUM	12/27/2019	WELL#1-HARMONY OUSTSIDE	N	0.170	MG/L	0.170
BARIUM	09/26/2019	WELL#1-HARMONY OUSTSIDE	N	0.180	MG/L	0.180
BARIUM	08/30/2019	BUTLER WELL	Y	0.000		0.000
BENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
BENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
BENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

BENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
BENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BENZO(A)PYRENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BERYLLIUM, TOTAL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BERYLLIUM, TOTAL	03/25/2022	BUTLER WELL	Y	0.000	0.000
BERYLLIUM, TOTAL	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
BERYLLIUM, TOTAL	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
BERYLLIUM, TOTAL	08/30/2019	BUTLER WELL	Y	0.000	0.000
BHC-GAMMA	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
BHC-GAMMA	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CADMIUM	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CADMIUM	03/25/2022	BUTLER WELL	Y	0.000	0.000
CADMIUM	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
CADMIUM	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
CADMIUM	08/30/2019	BUTLER WELL	Y	0.000	0.000
CARBOFURAN	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBOFURAN	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	03/25/2022	BUTLER WELL	Y	0.000	0.000
CARBON TETRACHLORIDE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CARBON TETRACHLORIDE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORDANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
CHLORO BENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
CHLORO BENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
CHLORO BENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000



**Sampling History Report**  
**Print Date: June 28, 2023**

CHROMIUM	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CHROMIUM	03/25/2022	BUTLER WELL	Y	0.000		0.000
CHROMIUM	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
CHROMIUM	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
CHROMIUM	08/30/2019	BUTLER WELL	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
CIS-1,2-DICHLOROETHYLENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	03/11/2022	WELL #4 HARMONY INSIDE		1.900	PCI/L	1.900
COMBINED RADIUM (-226 & -228)	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED RADIUM (-226 & -228)	08/30/2019	BUTLER WELL	Y	0.000		0.000
COMBINED URANIUM	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	03/25/2022	BUTLER WELL	Y	0.000		0.000
COMBINED URANIUM	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	09/23/2021	WELL #4 HARMONY INSIDE	N	1.000	UG/L	1.000
COMBINED URANIUM	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
COMBINED URANIUM	12/27/2019	WELL#1-HARMONY OUSTSIDE	N	2.000	UG/L	2.000
COMBINED URANIUM	09/26/2019	WELL#1-HARMONY OUSTSIDE	N	1.000	UG/L	1.000
COMBINED URANIUM	08/30/2019	BUTLER WELL	Y	0.000		0.000
DALAPON	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DALAPON	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) ADIPATE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DI(2-ETHYLHEXYL) PHTHALATE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
DICHLOROMETHANE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	03/25/2022	BUTLER WELL	Y	0.000		0.000
DICHLOROMETHANE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DICHLOROMETHANE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

DINOSEB	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DINOSEB	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
DIQUAT	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDOTHALL	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ENDRIN	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
ETHYLBENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
ETHYLBENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLBENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
ETHYLENE DIBROMIDE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
FLUORIDE	12/23/2022	WELL #4 HARMONY INSIDE	N	0.630	MFL	0.630
FLUORIDE	03/25/2022	BUTLER WELL	N	1.390	MG/L	1.390
FLUORIDE	12/27/2019	WELL#1-HARMONY OUSTSIDE	N	0.420	MG/L	0.420
FLUORIDE	09/26/2019	WELL#1-HARMONY OUSTSIDE	N	0.460	MG/L	0.460
FLUORIDE	08/30/2019	BUTLER WELL	N	1.260	MG/L	1.260
GLYPHOSATE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GLYPHOSATE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	03/25/2022	BUTLER WELL	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

GROSS ALPHA, INCL. RADON & U	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	12/27/2019	WELL#1-HARMONY OUSTSIDE	N	3.040	PCI/L	3.040
GROSS ALPHA, INCL. RADON & U	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
GROSS ALPHA, INCL. RADON & U	08/30/2019	BUTLER WELL	Y	0.000		0.000
HEPTACHLOR	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEPTACHLOR EPOXIDE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROBENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
HEXACHLOROCYCLOPENTADIENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
LASSO	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
MERCURY	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
MERCURY	03/25/2022	BUTLER WELL	Y	0.000		0.000
MERCURY	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
MERCURY	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
MERCURY	08/30/2019	BUTLER WELL	Y	0.000		0.000
METHOXYCHLOR	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
METHOXYCHLOR	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
NICKEL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
NICKEL	03/25/2022	BUTLER WELL	Y	0.000		0.000
NICKEL	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
NICKEL	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
NICKEL	08/30/2019	BUTLER WELL	Y	0.000		0.000
NITRATE	03/24/2023	BUTLER WELL	Y	0.000		0.000
NITRATE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
NITRATE	03/24/2023	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
NITRATE	03/24/2023	WELL#2-FRIENDS (BACK-UP)	Y	0.000		0.000
NITRATE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
NITRATE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

NITRATE	12/23/2022	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
NITRATE	03/25/2022	BUTLER WELL	Y	0.000	0.000
NITRATE	03/05/2021	BUTLER WELL	Y	0.000	0.000
NITRATE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
NITRATE	03/05/2021	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
NITRATE	03/05/2021	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
NITRATE	12/18/2020	WELL #4 HARMONY INSIDE	Y	0.000	0.000
NITRATE	12/18/2020	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
NITRATE	09/25/2020	BUTLER WELL	Y	0.000	0.000
NITRATE	09/25/2020	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
NITRATE	08/27/2019	BUTLER WELL	Y	0.000	0.000
NITRATE	08/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
NITRATE	08/27/2019	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
NITRATE	09/20/2018	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
NITRATE	09/20/2018	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
NITRATE	06/26/2018	BUTLER WELL	Y	0.000	0.000
NITRITE	02/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
NITRITE	08/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
NITRITE	08/27/2019	WELL#2-FRIENDS (BACK-UP)	Y	0.000	0.000
O-DICHLOROENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
O-DICHLOROENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
O-DICHLOROENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
O-DICHLOROENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
OXAMYL	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
P-DICHLOROENZENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
P-DICHLOROENZENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
P-DICHLOROENZENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PENTACHLOROPHENOL	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
PICLORAM	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
RADIUM-226	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

RADIUM-226	08/30/2019	BUTLER WELL	Y	0.000		0.000
RADIUM-228	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	03/11/2022	WELL #4 HARMONY INSIDE	N	1.900	PCI/L	1.900
RADIUM-228	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
RADIUM-228	08/30/2019	BUTLER WELL	Y	0.000		0.000
SELENIUM	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SELENIUM	03/25/2022	BUTLER WELL	Y	0.000		0.000
SELENIUM	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
SELENIUM	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
SELENIUM	08/30/2019	BUTLER WELL	Y	0.000		0.000
SIMAZINE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
SIMAZINE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
STYRENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
STYRENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
STYRENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
TETRACHLOROETHYLENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TETRACHLOROETHYLENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
THALLIUM, TOTAL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
THALLIUM, TOTAL	03/25/2022	BUTLER WELL	Y	0.000		0.000
THALLIUM, TOTAL	12/27/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
THALLIUM, TOTAL	09/26/2019	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
THALLIUM, TOTAL	08/30/2019	BUTLER WELL	Y	0.000		0.000
TOLUENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000		0.000
TOLUENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	03/25/2022	BUTLER WELL	Y	0.000		0.000
TOLUENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOLUENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOTAL POLYCHLORINATED BIPHENYLS (PCB)	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOXAPHENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOXAPHENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOXAPHENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOXAPHENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000
TOXAPHENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000		0.000

**Sampling History Report**  
**Print Date: June 28, 2023**

TOXAPHENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TOXAPHENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TOXAPHENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TOXAPHENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRANS-1,2-DICHLOROETHYLENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	03/25/2022	BUTLER WELL	Y	0.000	0.000
TRICHLOROETHYLENE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
TRICHLOROETHYLENE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
VINYL CHLORIDE	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	03/25/2022	BUTLER WELL	Y	0.000	0.000
VINYL CHLORIDE	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
VINYL CHLORIDE	03/05/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	03/24/2023	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	12/23/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	12/23/2022	WELL#1-HARMONY OUSTSIDE	Y	0.000	0.000
XYLENES, TOTAL	09/21/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	06/30/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	03/25/2022	BUTLER WELL	Y	0.000	0.000
XYLENES, TOTAL	03/11/2022	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	11/12/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	09/23/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	06/30/2021	WELL #4 HARMONY INSIDE	Y	0.000	0.000
XYLENES, TOTAL	03/05/2021	WELL #4 HARMONY INSIDE	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.

**Sampling History Report**  
**Print Date: June 28, 2023**

---

**Coliform Sampling History**  
**PWS Number: ID3140041**  
**PWS Name: GREENLEAF CITY OF**  
**Total Records: 21**

**Only report coliform results in the CCR if one or more samples tested positive during the 2022 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: 21**

Contaminant	Date Collected	P=Present A=Absent
COLIFORM (TCR)	12/08/2022	A
COLIFORM (TCR)	12/08/2022	A
COLIFORM (TCR)	12/08/2022	P
E. COLI	12/08/2022	A
COLIFORM (TCR)	12/06/2022	P
E. COLI	12/06/2022	A
COLIFORM (TCR)	11/03/2022	A
COLIFORM (TCR)	11/03/2022	A
COLIFORM (TCR)	11/03/2022	A
COLIFORM (TCR)	11/01/2022	P
E. COLI	11/01/2022	A
COLIFORM (TCR)	10/04/2022	A
COLIFORM (TCR)	09/13/2022	A
COLIFORM (TCR)	08/04/2022	A
COLIFORM (TCR)	07/06/2022	A
COLIFORM (TCR)	06/01/2022	A
COLIFORM (TCR)	05/03/2022	A
COLIFORM (TCR)	04/05/2022	A
COLIFORM (TCR)	03/04/2022	A
COLIFORM (TCR)	02/08/2022	A
COLIFORM (TCR)	01/04/2022	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: ID3140041  
PWS Name: GREENLEAF 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)

Contaminant	# Samples Collected	90th %ile Result	Units	Date Collected	CCR Units
LEAD SUMMARY	10	0.000	MG/L	09/21/2022	0.000
COPPER SUMMARY	10	0.150	MG/L	09/21/2022	0.150
LEAD SUMMARY	10	0.000	MG/L	09/26/2019	0.000
COPPER SUMMARY	10	0.080	MG/L	09/26/2019	0.080

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.



**Sampling History Report**  
**Print Date: June 28, 2023**

**DBP Sampling History**  
**PWS Number: ID3140041**  
**PWS Name: GREENLEAF CITY OF**  
**Total Records: 84**

**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 2022 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)	09/29/2022	20523 N WHITTIER	N	0.001	MG/L	1.330
TOTAL HALOACETIC ACIDS (HAA5)	03/31/2021	20523 N WHITTIER	N	0.007	MG/L	7.430
TOTAL HALOACETIC ACIDS (HAA5)	09/25/2020	20523 N WHITTIER	N	0.006	MG/L	6.420
TOTAL HALOACETIC ACIDS (HAA5)	09/25/2020	21260 PECKHAM ROAD	N	0.001	MG/L	1.000
TOTAL HALOACETIC ACIDS (HAA5)	06/29/2020	21260 PECKHAM ROAD	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	06/29/2020	20523 N WHITTIER	N	0.005	MG/L	5.490
TOTAL HALOACETIC ACIDS (HAA5)	03/20/2020	20523 N WHITTIER	N	0.006	MG/L	6.030
TOTAL HALOACETIC ACIDS (HAA5)	03/20/2020	21260 PECKHAM ROAD	N	0.005	MG/L	4.950
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2019	21260 PECKHAM ROAD	N	0.007	MG/L	6.690
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2019	20523 N WHITTIER	N	0.001	MG/L	1.240
TOTAL HALOACETIC ACIDS (HAA5)	09/26/2019	20523 N WHITTIER	N	0.002	MG/L	1.540
TOTAL HALOACETIC ACIDS (HAA5)	09/26/2019	21260 PECKHAM ROAD	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	06/27/2019	21260 PECKHAM ROAD	N	0.002	MG/L	1.710
TOTAL HALOACETIC ACIDS (HAA5)	06/27/2019	20523 N WHITTIER	N	0.008	MG/L	8.070
TOTAL HALOACETIC ACIDS (HAA5)	03/29/2019	20523 N WHITTIER	N	0.010	MG/L	10.200
TOTAL HALOACETIC ACIDS (HAA5)	03/29/2019	21260 PECKHAM ROAD	N	0.003	MG/L	3.290
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2018	21260 PECKHAM ROAD	N	0.005	MG/L	5.100
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2018	20523 N WHITTIER	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/20/2018	20523 N WHITTIER	N	0.004	MG/L	3.710
TOTAL HALOACETIC ACIDS (HAA5)	09/20/2018	21260 PECKHAM ROAD	N	0.006	MG/L	6.040
TOTAL HALOACETIC ACIDS (HAA5)	06/26/2018	20523 N WHITTIER	N	0.004	MG/L	4.290
TOTAL HALOACETIC ACIDS (HAA5)	06/26/2018	21260 PECKHAM ROAD	N	0.002	MG/L	1.710
TOTAL HALOACETIC ACIDS (HAA5)	03/27/2018	21260 PECKHAM ROAD	N	0.003	MG/L	3.450
TOTAL HALOACETIC ACIDS (HAA5)	03/27/2018	20523 N WHITTIER	N	0.001	MG/L	1.210
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2017	20523 N WHITTIER	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	12/27/2017	21260 PECKHAM ROAD	N	0.002	MG/L	2.430
TOTAL HALOACETIC ACIDS (HAA5)	09/17/2017	21260 PECKHAM ROAD	N	0.002	MG/L	1.890
TOTAL HALOACETIC ACIDS (HAA5)	09/17/2017	20523 N WHITTIER	N	0.009	MG/L	9.480
TOTAL HALOACETIC ACIDS (HAA5)	06/30/2017	20523 N WHITTIER	N	0.013	MG/L	12.500
TOTAL HALOACETIC ACIDS (HAA5)	06/30/2017	21260 PECKHAM ROAD	N	0.008	MG/L	7.950
TOTAL HALOACETIC ACIDS (HAA5)	03/24/2017	21260 PECKHAM ROAD	N	0.019	MG/L	19.000
TOTAL HALOACETIC ACIDS (HAA5)	03/24/2017	20523 N WHITTIER	N	0.008	MG/L	8.110
TOTAL HALOACETIC ACIDS (HAA5)	09/29/2016	20523 N WHITTIER	N	0.007	MG/L	6.640
TOTAL HALOACETIC ACIDS (HAA5)	09/29/2016	21260 PECKHAM ROAD	N	0.011	MG/L	10.600
TOTAL HALOACETIC ACIDS (HAA5)	09/22/2015	21260 PECKHAM ROAD	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/22/2015	20523 N WHITTIER	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/22/2014	20523 N WHITTIER	N	0.017	MG/L	17.300
TOTAL HALOACETIC ACIDS (HAA5)	09/22/2014	21260 PECKHAM ROAD	N	0.013	MG/L	13.400

**Sampling History Report**  
**Print Date: June 28, 2023**

TOTAL HALOACETIC ACIDS (HAA5)	08/23/2013	GENERIC SAMPLING POI	N	0.021	MG/L	21.000
TOTAL HALOACETIC ACIDS (HAA5)	09/29/2010	GENERIC SAMPLING POI	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/27/2007	GENERIC SAMPLING POI	Y	0.000		0.000
TOTAL HALOACETIC ACIDS (HAA5)	09/29/2004	GENERIC SAMPLING POI	Y	0.000	MG/L	0.000
TTHM	09/29/2022	21260 PECKHAM ROAD	N	0.005	MG/L	4.980
TTHM	03/05/2021	21260 PECKHAM ROAD	N	0.029	MG/L	28.800
TTHM	09/25/2020	21260 PECKHAM ROAD	N	0.006	MG/L	5.990
TTHM	09/25/2020	20523 N WHITTIER	N	0.005	MG/L	4.750
TTHM	06/29/2020	20523 N WHITTIER	N	0.006	MG/L	5.640
TTHM	06/29/2020	21260 PECKHAM ROAD	N	0.009	MG/L	9.470
TTHM	03/20/2020	21260 PECKHAM ROAD	N	0.020	MG/L	19.600
TTHM	03/20/2020	20523 N WHITTIER	N	0.007	MG/L	6.963
TTHM	12/27/2019	20523 N WHITTIER	N	0.002	MG/L	1.930
TTHM	12/27/2019	21260 PECKHAM ROAD	N	0.019	MG/L	18.900
TTHM	09/26/2019	21260 PECKHAM ROAD	N	0.005	MG/L	4.660
TTHM	09/26/2019	20523 N WHITTIER	N	0.004	MG/L	4.460
TTHM	06/27/2019	20523 N WHITTIER	N	0.008	MG/L	8.070
TTHM	06/27/2019	21260 PECKHAM ROAD	N	0.009	MG/L	8.880
TTHM	03/29/2019	21260 PECKHAM ROAD	N	0.012	MG/L	11.900
TTHM	03/29/2019	20523 N WHITTIER	N	0.016	MG/L	15.900
TTHM	12/27/2018	20523 N WHITTIER	N	0.003	MG/L	3.050
TTHM	12/27/2018	21260 PECKHAM ROAD	N	0.021	MG/L	21.200
TTHM	09/20/2018	20523 N WHITTIER	N	0.001	MG/L	0.750
TTHM	09/20/2018	21260 PECKHAM ROAD	N	0.008	MG/L	7.600
TTHM	06/26/2018	21260 PECKHAM ROAD	N	0.008	MG/L	8.380
TTHM	06/26/2018	20523 N WHITTIER	N	0.001	MG/L	0.600
TTHM	03/27/2018	20523 N WHITTIER	N	0.002	MG/L	2.170
TTHM	03/27/2018	21260 PECKHAM ROAD	N	0.018	MG/L	17.600
TTHM	12/27/2017	21260 PECKHAM ROAD	N	0.011	MG/L	10.600
TTHM	12/27/2017	20523 N WHITTIER	N	0.003	MG/L	3.300
TTHM	09/17/2017	20523 N WHITTIER	N	0.014	MG/L	14.400
TTHM	09/17/2017	21260 PECKHAM ROAD	N	0.016	MG/L	15.900
TTHM	06/30/2017	21260 PECKHAM ROAD	N	0.026	MG/L	26.200
TTHM	06/30/2017	20523 N WHITTIER	N	0.026	MG/L	26.300
TTHM	03/24/2017	20523 N WHITTIER	N	0.015	MG/L	15.300
TTHM	03/24/2017	21260 PECKHAM ROAD	N	0.051	MG/L	51.100
TTHM	09/29/2016	21260 PECKHAM ROAD	N	0.079	MG/L	78.800
TTHM	09/29/2016	20523 N WHITTIER	N	0.027	MG/L	27.000
TTHM	09/22/2015	20523 N WHITTIER	N	0.010	MG/L	9.700
TTHM	09/22/2015	21260 PECKHAM ROAD	N	0.008	MG/L	8.100
TTHM	09/22/2014	21260 PECKHAM ROAD	N	0.055	MG/L	55.100
TTHM	09/22/2014	20523 N WHITTIER	N	0.040	MG/L	39.900
TTHM	08/23/2013	GENERIC SAMPLING POI	N	0.048	MG/L	47.700
TTHM	09/29/2010	GENERIC SAMPLING POI	Y	0.000		0.000
TTHM	09/27/2007	GENERIC SAMPLING POI	Y	0.000		0.000
TTHM	09/29/2004	GENERIC SAMPLING POI	N	0.003	MG/L	2.500

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: ID3140041  
PWS Name: GREENLEAF 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 RTCR Sampling History Report.**

Sampling History Report  
Print Date: June 28, 2023

Chlorine Maximum Residual Disinfectant Level Sampling History

PWS Number: ID3140041  
PWS Name: GREENLEAF 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 (2022) by your system, as well as the average of all residuals collected during 2022.

**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
1	0.4000	MG/L	01/01/2022	JAN2022
1	0.2000	MG/L	02/01/2022	FEB2022
1	0.2000	MG/L	03/01/2022	MAR2022
1	0.2000	MG/L	04/01/2022	APR2022
1	0.2000	MG/L	05/01/2022	MAY2022
1	0.2000	MG/L	06/01/2022	JUN2022
1	0.3000	MG/L	07/01/2022	JUL2022
1	0.1000	MG/L	08/01/2022	AUG2022
1	0.2000	MG/L	09/01/2022	SEP2022
1	0.2000	MG/L	10/01/2022	OCT2022
4	0.3000	MG/L	11/01/2022	NOV2022
4	0.2000	MG/L	12/01/2022	DEC2022

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.

---

This content is from the eCFR and is authoritative but unofficial.

---

**Title 40 – Protection of Environment**  
**Chapter I – Environmental Protection Agency**  
**Subchapter D – Water Programs**  
**Part 141 – National Primary Drinking Water Regulations**

**Authority:** 42 U.S.C. 300f, 300g-1, 300g-2, 300g-3, 300g-4, 300g-5, 300g-6, 300j-4, 300j-9, and 300j-11.  
**Source:** 40 FR 59570, Dec. 24, 1975, unless otherwise noted.

**Subpart O** Consumer Confidence Reports

- § 141.151 Purpose and applicability of this subpart.
- § 141.152 Effective dates.
- § 141.153 Content of the reports.
- § 141.154 Required additional health information.
- § 141.155 Report delivery and recordkeeping.

**Appendix A to Subpart O of Part 141**  
Regulated Contaminants

**Editorial Note:** Nomenclature changes to part 141 appear at 69 FR 18803, Apr. 9, 2004.

**Subpart O—Consumer Confidence Reports**

**Source:** 63 FR 44526, Aug. 19, 1998, unless otherwise noted.

**§ 141.151 Purpose and applicability of this subpart.**

- (a) This subpart establishes the minimum requirements for the content of annual reports that community water systems must deliver to their customers. These reports must contain information on the quality of the water delivered by the systems and characterize the risks (if any) from exposure to contaminants detected in the drinking water in an accurate and understandable manner.
- (b) Notwithstanding the provisions of § 141.3, this subpart applies only to community water systems.
- (c) For the purpose of this subpart, *customers* are defined as billing units or service connections to which water is delivered by a community water system.
- (d) For the purpose of this subpart, detected means: at or above the levels prescribed by § 141.23(a)(4) for inorganic contaminants, at or above the levels prescribed by § 141.24(f)(7) for the contaminants listed in § 141.61(a), at or above the levels prescribed by § 141.24(h)(18) for the contaminants listed in § 141.61(c), at or above the levels prescribed by § 141.131(b)(2)(iv) for the contaminants or contaminant groups listed in § 141.64, and at or above the levels prescribed by § 141.25(c) for radioactive contaminants.

- (e) A State that has primary enforcement responsibility may adopt by rule, after notice and comment, alternative requirements for the form and content of the reports. The alternative requirements must provide the same type and amount of information as required by §§ 141.153 and 141.154, and must be designed to achieve an equivalent level of public information and education as would be achieved under this subpart.
- (f) For purpose of §§ 141.154 and 141.155 of this subpart, the term “primacy agency” refers to the State or tribal government entity that has jurisdiction over, and primary enforcement responsibility for, public water systems, even if that government does not have interim or final primary enforcement responsibility for this rule. Where the State or tribe does not have primary enforcement responsibility for public water systems, the term “primacy agency” refers to the appropriate EPA regional office.

[63 FR 44526, Aug. 19, 1998, as amended at 71 FR 483, Jan. 4, 2006]

### § 141.152 Effective dates.

- (a) The regulations in this subpart shall take effect on September 18, 1998.
- (b) Each existing community water system must deliver its first report by October 19, 1999, its second report by July 1, 2000, and subsequent reports by July 1 annually thereafter. The first report must contain data collected during, or prior to, calendar year 1998 as prescribed in § 141.153(d)(3). Each report thereafter must contain data collected during, or prior to, the previous calendar year.
- (c) A new community water system must deliver its first report by July 1 of the year after its first full calendar year in operation and annually thereafter.
- (d) A community water system that sells water to another community water system must deliver the applicable information required in § 141.153 to the buyer system:
  - (1) No later than April 19, 1999, by April 1, 2000, and by April 1 annually thereafter or
  - (2) On a date mutually agreed upon by the seller and the purchaser, and specifically included in a contract between the parties.

### § 141.153 Content of the reports.

- (a) Each community water system must provide to its customers an annual report that contains the information specified in this section and § 141.154.
- (b) Information on the source of the water delivered:
  - (1) Each report must identify the source(s) of the water delivered by the community water system by providing information on:
    - (i) The type of the water: e.g., surface water, ground water; and
    - (ii) The commonly used name (if any) and location of the body (or bodies) of water.
  - (2) If a source water assessment has been completed, the report must notify consumers of the availability of this information and the means to obtain it. In addition, systems are encouraged to highlight in the report significant sources of contamination in the source water area if they have readily available information. Where a system has received a source water assessment from the primacy agency, the report must include a brief summary of the system's susceptibility to potential sources of contamination, using language provided by the primacy agency or written by the operator.

(c) **Definitions.**

- (1) Each report must include the following definitions:
  - (i) **Maximum Contaminant Level Goal or MCLG:** 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.
  - (ii) **Maximum Contaminant Level or MCL:** 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.
- (2) A report for a community water system operating under a variance or an exemption issued under § 1415 or 1416 of SDWA must include the following definition: *Variances and Exemptions:* State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
- (3) A report that contains data on contaminants that EPA regulates using any of the following terms must include the applicable definitions:
  - (i) **Treatment Technique:** A required process intended to reduce the level of a contaminant in drinking water.
  - (ii) **Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
  - (iii) **Maximum residual disinfectant level goal or 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.
  - (iv) **Maximum residual disinfectant level or 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.
- (4) A report that contains information regarding a Level 1 or Level 2 Assessment required under Subpart Y of this part must include the applicable definitions:
  - (i) **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.
  - (ii) **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.

(d) **Information on detected contaminants.**

- (1) This sub-section specifies the requirements for information to be included in each report for contaminants subject to mandatory monitoring (except *Cryptosporidium*). It applies to:
  - (i) Contaminants subject to a MCL, action level, maximum residual disinfectant level, or treatment technique (regulated contaminants).
  - (ii) Contaminants for which monitoring is required by § 141.40 (unregulated contaminants); and



- (iii) Disinfection by-products or microbial contaminants for which monitoring is required by §§ 141.142 and 141.143, except as provided under paragraph (e)(1) of this section, and which are detected in the finished water.
- (2) The data relating to these contaminants must be displayed in one table or in several adjacent tables. Any additional monitoring results which a community water system chooses to include in its report must be displayed separately.
- (3) The data must be derived from data collected to comply with EPA and State monitoring and analytical requirements during calendar year 1998 for the first report and subsequent calendar years thereafter except that:
  - (i) Where a system is allowed to monitor for regulated contaminants less often than once a year, the table(s) must include the date and results of the most recent sampling and the report must include a brief statement indicating that the data presented in the report are from the most recent testing done in accordance with the regulations. No data older than 5 years need be included.
  - (ii) Results of monitoring in compliance with §§ 141.142 and 141.143 need only be included for 5 years from the date of last sample or until any of the detected contaminants becomes regulated and subject to routine monitoring requirements, whichever comes first.
- (4) For detected regulated contaminants (listed in appendix A to this subpart), the table(s) must contain:
  - (i) The MCL for that contaminant expressed as a number equal to or greater than 1.0 (as provided in appendix A to this subpart);
  - (ii) The MCLG for that contaminant expressed in the same units as the MCL;
  - (iii) If there is no MCL for a detected contaminant, the table must indicate that there is a treatment technique, or specify the action level, applicable to that contaminant, and the report must include the definitions for treatment technique and/or action level, as appropriate, specified in paragraph (c)(3) of this section;
  - (iv) For contaminants subject to an MCL, except turbidity, total coliform, fecal coliform and *E. coli*, the highest contaminant level used to determine compliance with an NPDWR and the range of detected levels, as follows:
    - (A) When compliance with the MCL is determined annually or less frequently: The highest detected level at any sampling point and the range of detected levels expressed in the same units as the MCL.
    - (B) When compliance with the MCL is determined by calculating a running annual average of all samples taken at a monitoring location: the highest average of any of the monitoring locations and the range of all monitoring locations expressed in the same units as the MCL. For the MCLs for TTHM and HAA5 in § 141.64(b)(2), systems must include the highest locational running annual average for TTHM and HAA5 and the range of individual sample results for all monitoring locations expressed in the same units as the MCL. If more than one location exceeds the TTHM or HAA5 MCL, the system must include the locational running annual averages for all locations that exceed the MCL.

- (C) When compliance with the MCL is determined on a system-wide basis by calculating a running annual average of all samples at all monitoring locations: the average and range of detection expressed in the same units as the MCL. The system is required to include individual sample results for the IDSE conducted under subpart U of this part when determining the range of TTHM and HAA5 results to be reported in the annual consumer confidence report for the calendar year that the IDSE samples were taken.

Note to paragraph (d)(4)(iv): When rounding of results to determine compliance with the MCL is allowed by the regulations, rounding should be done prior to multiplying the results by the factor listed in appendix A of this subpart.

- (v) For turbidity.
  - (A) When it is reported pursuant to § 141.13: The highest average monthly value.
  - (B) When it is reported pursuant to the requirements of § 141.71: the highest monthly value. The report should include an explanation of the reasons for measuring turbidity.
  - (C) When it is reported pursuant to § 141.73 or § 141.173 or § 141.551: the highest single measurement and the lowest monthly percentage of samples meeting the turbidity limits specified in § 141.73 or § 141.173, or § 141.551 for the filtration technology being used. The report should include an explanation of the reasons for measuring turbidity;
- (vi) For lead and copper: the 90th percentile concentration of the most recent round(s) of sampling, the number of sampling sites exceeding the action level, and the range of tap sampling results;
- (vii) For total coliform analytical results until March 31, 2016:
  - (A) The highest monthly number of positive samples for systems collecting fewer than 40 samples per month; or
  - (B) The highest monthly percentage of positive samples for systems collecting at least 40 samples per month;
- (viii) For fecal coliform and *E. coli* until March 31, 2016: The total number of positive samples;
- (ix) The likely source(s) of detected contaminants to the best of the operator's knowledge. Specific information regarding contaminants may be available in sanitary surveys and source water assessments, and should be used when available to the operator. If the operator lacks specific information on the likely source, the report must include one or more of the typical sources for that contaminant listed in appendix A to this subpart that is most applicable to the system;
- (x) For *E. coli* analytical results under subpart Y: The total number of positive samples;
- (xi) The report shall include a statement that a service line inventory (including inventories consisting only of a statement that there are no lead service lines) has been prepared and include instructions to access the service line inventory; and
- (xii) The report shall notify consumers that complete lead tap sampling data are available for review and shall include information on how to access the data.

- (5) If a community water system distributes water to its customers from multiple hydraulically independent distribution systems that are fed by different raw water sources, the table should contain a separate column for each service area and the report should identify each separate distribution system. Alternatively, systems could produce separate reports tailored to include data for each service area.
  - (6) The table(s) must clearly identify any data indicating violations of MCLs, MRDLs, or treatment techniques, and the report must contain a clear and readily understandable explanation of the violation including: the length of the violation, the potential adverse health effects, and actions taken by the system to address the violation. To describe the potential health effects, the system must use the relevant language of appendix A to this subpart.
  - (7) For detected unregulated contaminants for which monitoring is required (except *Cryptosporidium*), the table(s) must contain the average and range at which the contaminant was detected. The report may include a brief explanation of the reasons for monitoring for unregulated contaminants.
- (e) Information on *Cryptosporidium*, radon, and other contaminants:
- (1) If the system has performed any monitoring for *Cryptosporidium*, including monitoring performed to satisfy the requirements of § 141.143, which indicates that *Cryptosporidium* may be present in the source water or the finished water, the report must include:
    - (i) A summary of the results of the monitoring; and
    - (ii) An explanation of the significance of the results.
  - (2) If the system has performed any monitoring for radon which indicates that radon may be present in the finished water, the report must include:
    - (i) The results of the monitoring; and
    - (ii) An explanation of the significance of the results.
  - (3) If the system has performed additional monitoring which indicates the presence of other contaminants in the finished water, EPA strongly encourages systems to report any results which may indicate a health concern. To determine if results may indicate a health concern, EPA recommends that systems find out if EPA has proposed an NPDWR or issued a health advisory for that contaminant by calling the Safe Drinking Water Hotline (800-426-4791). EPA considers detects above a proposed MCL or health advisory level to indicate possible health concerns. For such contaminants, EPA recommends that the report include:
    - (i) The results of the monitoring; and
    - (ii) An explanation of the significance of the results noting the existence of a health advisory or a proposed regulation.
- (f) Compliance with NPDWR. In addition to the requirements of § 141.153(d)(6), the report must note any violation that occurred during the year covered by the report of a requirement listed below, and include a clear and readily understandable explanation of the violation, any potential adverse health effects, and the steps the system has taken to correct the violation.
- (1) Monitoring and reporting of compliance data;

- (2) Filtration and disinfection prescribed by subpart H of this part. For systems which have failed to install adequate filtration or disinfection equipment or processes, or have had a failure of such equipment or processes which constitutes a violation, the report must include the following language as part of the explanation of potential adverse health effects: Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.
  - (3) Lead and copper control requirements prescribed by subpart I of this part. For systems that fail to take one or more actions prescribed by §§ 141.80(d), 141.81, 141.82, 141.83 or 141.84, the report must include the applicable language of appendix A to this subpart for lead, copper, or both.
  - (4) Treatment techniques for Acrylamide and Epichlorohydrin prescribed by subpart K of this part. For systems that violate the requirements of subpart K of this part, the report must include the relevant language from appendix A to this subpart.
  - (5) Recordkeeping of compliance data.
  - (6) Special monitoring requirements prescribed by §§ 141.40 and 141.41; and
  - (7) Violation of the terms of a variance, an exemption, or an administrative or judicial order.
- (g) Variances and Exemptions. If a system is operating under the terms of a variance or an exemption issued under § 1415 or 1416 of SDWA, the report must contain:
- (1) An explanation of the reasons for the variance or exemption;
  - (2) The date on which the variance or exemption was issued;
  - (3) A brief status report on the steps the system is taking to install treatment, find alternative sources of water, or otherwise comply with the terms and schedules of the variance or exemption; and
  - (4) A notice of any opportunity for public input in the review, or renewal, of the variance or exemption.
- (h) Additional information:
- (1) The report must contain a brief explanation regarding contaminants which may reasonably be expected to be found in drinking water including bottled water. This explanation may include the language of paragraphs (h)(1) (i) through (iii) or systems may use their own comparable language. The report also must include the language of paragraph (h)(1)(iv) of this section.
    - (i) 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.
    - (ii) Contaminants that may be present in source water include:
      - (A) **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
      - (B) **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.
      - (C) **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

- (D) **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.
  - (E) **Radioactive contaminants**, which can be naturally-occurring or be the result of oil and gas production and mining activities.
- (iii) In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.
  - (iv) 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 Safe Drinking Water Hotline (800-426-4791).
- (2) The report must include the telephone number of the owner, operator, or designee of the community water system as a source of additional information concerning the report.
  - (3) In communities with a large proportion of non-English speaking residents, as determined by the Primacy Agency, the report must contain information in the appropriate language(s) regarding the importance of the report or contain a telephone number or address where such residents may contact the system to obtain a translated copy of the report or assistance in the appropriate language.
  - (4) The report must include information (e.g., time and place of regularly scheduled board meetings) about opportunities for public participation in decisions that may affect the quality of the water.
  - (5) The systems may include such additional information as they deem necessary for public education consistent with, and not detracting from, the purpose of the report.
  - (6) **Systems required to comply with subpart S.**
    - (i) Any ground water system that receives notice from the State of a significant deficiency or notice from a laboratory of a fecal indicator-positive ground water source sample that is not invalidated by the State under § 141.402(d) must inform its customers of any significant deficiency that is uncorrected at the time of the next report or of any fecal indicator-positive ground water source sample in the next report. The system must continue to inform the public annually until the State determines that particular significant deficiency is corrected or the fecal contamination in the ground water source is addressed under § 141.403(a). Each report must include the following elements.
      - (A) The nature of the particular significant deficiency or the source of the fecal contamination (if the source is known) and the date the significant deficiency was identified by the State or the dates of the fecal indicator-positive ground water source samples;
      - (B) If the fecal contamination in the ground water source has been addressed under § 141.403(a) and the date of such action;

- (C) For each significant deficiency or fecal contamination in the ground water source that has not been addressed under § 141.403(a), the State-approved plan and schedule for correction, including interim measures, progress to date, and any interim measures completed; and
  - (D) If the system receives notice of a fecal indicator-positive ground water source sample that is not invalidated by the State under § 141.402(d), the potential health effects using the health effects language of Appendix A of subpart O.
- (ii) If directed by the State, a system with significant deficiencies that have been corrected before the next report is issued must inform its customers of the significant deficiency, how the deficiency was corrected, and the date of correction under paragraph (h)(6)(i) of this section.
- (7) *Systems required to comply with subpart Y.*
- (i) Any system required to comply with the Level 1 assessment requirement or a Level 2 assessment requirement that is not due to an *E. coli* MCL violation must include in the report the text found in paragraph (h)(7)(i)(A) and paragraphs (h)(7)(i)(B) and (C) of this section as appropriate, filling in the blanks accordingly and the text found in paragraphs (h)(7)(i)(D)(1) and (2) of this section if appropriate.
    - (A) 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) 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.
    - (C) 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.
    - (D) 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:
      - (1) During the past year we failed to conduct all of the required assessment(s).
      - (2) During the past year we failed to correct all identified defects that were found during the assessment.

- (ii) Any system required to conduct a Level 2 assessment due to an *E. coli* MCL violation must include in the report the text found in paragraphs (h)(7)(ii)(A) and (B) of this section, filling in the blanks accordingly and the text found in paragraphs (h)(7)(ii)(C)(1) and (2) of this section, if appropriate.
  - (A) *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) 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.
  - (C) 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:
    - (1) We failed to conduct the required assessment.
    - (2) We failed to correct all sanitary defects that were identified during the assessment that we conducted.
- (iii) If a system detects *E. coli* and has violated the *E. coli* MCL, in addition to completing the table as required in paragraph (d)(4) of this section, the system must include one or more of the following statements to describe any noncompliance, as applicable:
  - (A) We had an *E. coli*-positive repeat sample following a total coliform-positive routine sample.
  - (B) We had a total coliform-positive repeat sample following an *E. coli*-positive routine sample.
  - (C) We failed to take all required repeat samples following an *E. coli*-positive routine sample.
  - (D) We failed to test for *E. coli* when any repeat sample tests positive for total coliform.
- (iv) If a system detects *E. coli* and has not violated the *E. coli* MCL, in addition to completing the table as required in paragraph (d)(4) of this section, the system may include a statement that explains that although they have detected *E. coli*, they are not in violation of the *E. coli* MCL.

[63 FR 44526, Aug. 19, 1998, as amended at 63 FR 69516, Dec. 16, 1998; 64 FR 34733, June 29, 1999; 65 FR 26022, May 4, 2000; 67 FR 1836, Jan. 14, 2002; 71 FR 483, Jan. 4, 2006; 71 FR 65651, Nov. 8, 2006; 78 FR 10348, Feb. 13, 2013; 86 FR 4309, Jan. 15, 2021]

#### § 141.154 Required additional health information.

- (a) All reports must prominently display the following language: 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/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).

- (b) Ending in the report due by July 1, 2001, a system which detects arsenic at levels above 0.025 mg/L, but below the 0.05 mg/L, and beginning in the report due by July 1, 2002, a system that detects arsenic above 0.005 mg/L and up to and including 0.010 mg/L:
  - (1) Must include in its report a short informational statement about arsenic, using language such as: While your drinking water meets EPA's standard for arsenic, it does contain low 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.
  - (2) May write its own educational statement, but only in consultation with the Primacy Agency.
- (c) A system which detects nitrate at levels above 5 mg/l, but below the MCL:
  - (1) Must include a short informational statement about the impacts of nitrate on children using language such as: Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.
  - (2) May write its own educational statement, but only in consultation with the Primacy Agency.
- (d) Every report must include the following lead-specific information:
  - (1) A short informational statement about lead in drinking water and its effects on children. The statement must include the following information:

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. [NAME OF UTILITY] is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. 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. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact [NAME OF UTILITY and CONTACT INFORMATION]. 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>.
  - (2) A system may write its own educational statement, but only in consultation with the State.
- (e) Community water systems that detect TTHM above 0.080 mg/l, but below the MCL in § 141.12, as an annual average, monitored and calculated under the provisions of § 141.30, must include health effects language for TTHMs prescribed by appendix A.



- (f) Beginning in the report due by July 1, 2002, and ending January 22, 2006, a community water system that detects arsenic above 0.010 mg/L and up to and including 0.05 mg/L must include the arsenic health effects language prescribed by appendix A to subpart O of this part.

[63 FR 44526, Aug. 19, 1998, as amended at 63 FR 69475, Dec. 16, 1998; 64 FR 34733, June 29, 1999; 65 FR 26023, May 4, 2000; 66 FR 7064, Jan. 22, 2001; 68 FR 14506, Mar. 25, 2003; 72 FR 57820, Oct. 10, 2007; 86 FR 4309, Jan. 15, 2021]

### § 141.155 Report delivery and recordkeeping.

- (a) Except as provided in paragraph (g) of this section, each community water system must mail or otherwise directly deliver one copy of the report to each customer.
- (b) The system must make a good faith effort to reach consumers who do not get water bills, using means recommended by the primacy agency. EPA expects that an adequate good faith effort will be tailored to the consumers who are served by the system but are not bill-paying customers, such as renters or workers. A good faith effort to reach consumers would include a mix of methods appropriate to the particular system such as: Posting the reports on the Internet; mailing to postal patrons in metropolitan areas; advertising the availability of the report in the news media; publication in a local newspaper; posting in public places such as cafeterias or lunch rooms of public buildings; delivery of multiple copies for distribution by single-biller customers such as apartment buildings or large private employers; delivery to community organizations.
- (c) No later than the date the system is required to distribute the report to its customers, each community water system must mail a copy of the report to the primacy agency, followed within 3 months by a certification that the report has been distributed to customers, and that the information is correct and consistent with the compliance monitoring data previously submitted to the primacy agency.
- (d) No later than the date the system is required to distribute the report to its customers, each community water system must deliver the report to any other agency or clearinghouse identified by the primacy agency.
- (e) Each community water system must make its reports available to the public upon request.
- (f) Each community water system serving 100,000 or more persons must post its current year's report to a publicly-accessible site on the Internet.
- (g) The Governor of a State or his designee, or the Tribal Leader where the tribe has met the eligibility requirements contained in § 142.72 for the purposes of waiving the mailing requirement, can waive the requirement of paragraph (a) of this section for community water systems serving fewer than 10,000 persons. In consultation with the tribal government, the Regional Administrator may waive the requirement of § 141.155(a) in areas in Indian country where no tribe has been deemed eligible.
  - (1) Such systems must:
    - (i) Publish the reports in one or more local newspapers serving the area in which the system is located;
    - (ii) Inform the customers that the reports will not be mailed, either in the newspapers in which the reports are published or by other means approved by the State; and
    - (iii) Make the reports available to the public upon request.

- (2) Systems serving 500 or fewer persons may forego the requirements of paragraphs (g)(1)(i) and (ii) of this section if they provide notice at least once per year to their customers by mail, door-to-door delivery or by posting in an appropriate location that the report is available upon request.
- (h) Any system subject to this subpart must retain copies of its Consumer Confidence Report for no less than 3 years.

[63 FR 44526, Aug. 19, 1998, as amended at 65 FR 26023, May 4, 2000]

**Appendix A to Subpart O of Part 141—Regulated Contaminants**

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
Microbiological contaminants:						
Total Coliform Bacteria †	MCL (systems that collect ≥40 samples/month) 5% of monthly samples are positive; (systems that collect <40 samples/month) 1 positive monthly sample		MCL (systems that collect ≥40 samples/month) 5% of monthly samples are positive; (systems that collect <40 samples/month) 1 positive monthly sample.	0	Naturally present in the environment	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.
Total Coliform Bacteria ‡	TT		TT	N/A	Naturally present in the environment	Use language found in § 141.153(h)(7)(i)(A)
Fecal coliform and <i>E. coli</i> †	0		0	0	Human and animal fecal waste	Fecal coliforms and <i>E. coli</i> are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea,

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
<i>E. coli</i> ‡	Routine and repeat samples are total coliform-positive and either is <i>E. coli</i> -positive or system fails to take repeat samples following <i>E. coli</i> -positive routine sample or system fails to analyze total coliform-positive repeat sample for <i>E. coli</i>		Routine and repeat samples are total coliform-positive and either is <i>E. coli</i> -positive or system fails to take repeat samples following <i>E. coli</i> -positive routine sample or system fails to analyze total coliform-positive repeat sample for <i>E. coli</i>	0	Human and animal fecal waste	<i>E. coli</i> 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.
Fecal Indicators (enterococci or coliphage)	TT		TT	N/A	Human and animal fecal waste	Fecal indicators are microbes whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term health effects, such as diarrhea, cramps, nausea,

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
Total organic carbon (ppm)	TT		TT	N/A	Naturally present in the environment	Total organic carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection by products. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs). Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.
Turbidity (NTU)	TT		TT	N/A	Soil runoff	Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.
Radioactive contaminants:						

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
Beta/photon emitters (mrem/yr)	4 mrem/yr	-	4	0	Decay of natural and man-made deposits	Certain minerals are radioactive and may emit forms of radiation known as photons and beta radiation. Some people who drink water containing beta particle and photon radioactivity in excess of the MCL over many years may have an increased risk of getting cancer.
Alpha emitters (pCi/L)	15 pCi/L	-	15	0	Erosion of natural deposits	Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.
Combined radium (pCi/L)	5 pCi/L	-	5	0	Erosion of natural deposits	Some people who drink water containing radium-226 or -228 in excess of the MCL over many years may have an increased risk of getting cancer.
Uranium (pCi/L)	30 µg/L	-	30	0	Erosion of natural deposits	Some people who drink water containing uranium in excess of the MCL over many years may have an increased risk of getting cancer and kidney toxicity.
Inorganic contaminants:						
Antimony (ppb)	.006	1000	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder	Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar.
Arsenic (ppb)	<sup>1</sup> 0.010	1000	<sup>1</sup> 10.	<sup>1</sup> 0	Erosion of	Some people who drink

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes	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.
Asbestos (MFL)	7 MFL		7	7	Decay of asbestos cement water mains; Erosion of natural deposits	Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps.
Barium (ppm)	2		2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.
Beryllium (ppb)	.004	1000	4	4	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries	Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions
Bromate (ppb)	.010	1000	10	0	By-product of drinking water disinfection	Some people who drink water of containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.
Cadmium (ppb)	.005	1000	5	5	Corrosion of galvanized pipes; Erosion	Some people who drink water containing cadmium in excess of the MCL over

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					of natural deposits; Discharge from metal refineries; Runoff from waste batteries and paints	many years could experience kidney damage.
Chloramines (ppm)	MRDL = 4		MRDL = 4	MRDLG = 4	Water additive used to control microbes	Some people who use water containing chloramines well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chloramines well in excess of the MRDL could experience stomach discomfort or anemia.
Chlorine (ppm)	MRDL = 4		MRDL = 4	MRDLG = 4	Water additive used to control microbes	Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.
Chlorine dioxide (ppb)	MRDL = .8	1000	MRDL = 800	MRDLG = 800	Water additive used to control micorbes	Some infants and young children who drink water chlorine dioxide in excess of the MRDL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MRDL. Some people may experience anemia.
Chlorite (ppm)	1		1	0.8	By-product of	Some infants and young

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					drinking water disinfection	children who drink water containing chlorite in excess of the MCL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorite in excess of the MCL. Some people may experience anemia.
Chromium (ppb)	.1	1000	100	100	Discharge from steel and pulp mills; Erosion of natural deposits	Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.
Copper (ppm)	AL = 1.3		AL = 1.3	1.3	Corrosion of household plumbing systems; Erosion of natural deposits	Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor.
Cyanide (ppb)	.2	1000	200	200	Discharge from steel/metal factories; Discharge from plastic and fertilizer factories	Some people who drink water containing cyanide well in excess of the MCL over many years could experience nerve damage or problems with their thyroid.
Fluoride (ppm)	4		4	4	Erosion of natural deposits; Water	Some people who drink water containing fluoride in excess of the MCL over



Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums.
Lead	AL = .015	1000	AL = 15	0	Corrosion of household plumbing systems, Erosion of natural deposits.	Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.
Mercury [inorganic] (ppb)	.002	1000	2	2	Erosion of natural deposits; Discharge from refineries and factories; Runoff from	Some people who drink water containing inorganic mercury well in excess of the MCL over many years could experience kidney damage.

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					landfills; Runoff from cropland	
Nitrate (ppm)	10		10	10	Runoff from fertilizer use; Leaching from septic tanks, sew age; Erosion of natural deposits	Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome.
Nitrite (ppm)	1		1	1	Runoff from fertilizer use; Leaching from septic tanks, sew age; Erosion of natural deposits	Infants below the age of six months who drink water containing nitrite in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome.
Selenium (ppb)	.05	1000	50	50	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines	Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in fingers or toes, or problems with their circulation.
Thallium (ppb)	.002	1000	2	0.5	Leaching from ore-processing sites; Discharge from electronics, glass, and drug factories	Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver.
Synthetic organic contaminants including pesticides and herbicides:						

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
2,4-D (ppb)	.07	1000	70	70	Runoff from herbicide used on row crops	Some people who drink water containing the weed killer 2,4-D well in excess of the MCL over many years could experience problems with their kidneys, liver, or adrenal glands.
2,4,5-TP [Silvex](ppb)	.05	1000	50	50	Residue of banned herbicide	Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems.
Acrylamide	TT		TT	0	Added to water during sewage/ wastewater treatment	Some people who drink water containing high levels of acrylamide over a long period of time could have problems with their nervous system or blood, and may have an increased risk of getting cancer.
Alachlor (ppb)	.002	1000	2	0	Runoff from herbicide used on row crops	Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, or experience anemia, and may have an increased risk of getting cancer.
Atrazine (ppb)	.003	1000	3	3	Runoff from herbicide used on row crops	Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties.
Benzo(a)pyrene [PAH] (nanograms/l)	.0002	1,000,000	200	0	Leaching from linings of water storage tanks and distribution	Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					lines	reproductive difficulties and may have an increased risk of getting cancer.
Carbofuran (ppb)	.04	1000	40	40	Leaching of soil fumigant used on rice and alfalfa	Some people who drink water containing carbofuran in excess of the MCL over many years could experience problems with their blood, or nervous or reproductive systems.
Chlordane (ppb)	.002	1000	2	0	Residue of banned termiticide	Some people who drink water containing chlordane in excess of the MCL over many years could experience problems with their liver or nervous system, and may have an increased risk of getting cancer.
Dalapon (ppb)	.2	1000	200	200	Runoff from herbicide used on rights of way	Some people who drink water containing dalapon well in excess of the MCL over many years could experience minor kidney changes.
Di(2-ethylhexyl) adipate (ppb)	.4	1000	400	400	Discharge from chemical factories	Some people who drink water containing di(2-ethylhexyl) adipate well in excess of the MCL over many years could experience toxic effects such as weight loss, liver enlargement or possible reproductive difficulties.
Di(2-ethylhexyl) phthalate (ppb)	.006	1000	6	0	Discharge from rubber and chemical factories	Some people who drink water containing di(2-ethylhexyl) phthalate well in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						cancer.
Dibromochloropropane (ppt)	.0002	1,000,000	200	0	Runoff/ leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards	Some people who drink water containing DBCP in excess of the MCL over many years could experience reproductive problems and may have an increased risk of getting cancer.
Dinoseb (ppb)	.007	1000	7	7	Runoff from herbicide used on soybeans and vegetables	Some people who drink water containing dinoseb well in excess of the MCL over many years could experience reproductive difficulties.
Diquat (ppb)	.02	1000	20	20	Runoff from herbicide use	Some people who drink water containing diquat in excess of the MCL over many years could get cataracts.
Dioxin [2,3,7,8-TCDD] (ppq)	.00000003	1,000,000,000	30	0	Emissions from waste incineration and other combustion; Discharge from chemical factories	Some people who drink water containing dioxin in excess of the MCL over many years could experience reproductive difficulties and may have an increased risk of getting cancer.
Endothall (ppb)	.1	1000	100	100	Runoff from herbicide use	Some people who drink water containing endothall in excess of the MCL over many years could experience problems with their stomach or intestines.
Endrin (ppb)	.002	1000	2	2	Residue of banned insecticide	Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.
Epichlorohydrin	TT		TT	0	Discharge from industrial chemical factories; An	Some people who drink water containing high levels of epichlorohydrin over a long period of time

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					impurity of some water treatment chemicals	could experience stomach problems, and may have an increased risk of getting cancer.
Ethylene dibromide (ppt)	.00005	1,000,000	50	0	Discharge from petroleum refineries	Some people who drink water containing ethylene dibromide in excess of the MCL over many years could experience problems with their liver, stomach, reproductive system, or kidneys, and may have an increased risk of getting cancer.
Glyphosate (ppb)	.7	1000	700	700	Runoff from herbicide use	Some people who drink water containing glyphosate in excess of the MCL over many years could experience problems with their kidneys or reproductive difficulties.
Heptachlor (ppt)	.0004	1,000,000	400	0	Residue of banned pesticide	Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer.
Heptachlor epoxide (ppt)	.0002	1,000,000	200	0	Breakdown of heptachlor	Some people who drink water containing heptachlor epoxide in excess of the MCL over many years could experience liver damage, and may have an increased risk of getting cancer.
Hexachlorobenzene (ppb)	.001	1000	1	0	Discharge from metal refineries and agricultural chemical factories	Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.
Hexachlorocyclopentadiene (ppb)	.05	1000	50	50	Discharge from chemical factories	Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their kidneys or stomach.
Lindane (ppt)	.0002	1,000,000	200	200	Runoff/ leaching from insecticide used on cattle, lumber, gardens	Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver.
Methoxychlor (ppb)	.04	1000	40	40	Runoff/ leaching from insecticide used on fruits, vegetables, alfalfa, livestock	Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties.
Oxamyl [Vydate] (ppb)	.2	1000	200	200	Runoff/ leaching from insecticide used on apples, potatoes and tomatoes	Some people who drink water containing oxamyl in excess of the MCL over many years could experience slight nervous system effects.
PCBs [Polychlorinated biphenyls] (ppt)	.0005	1,000,000	500	0	Runoff from landfills; Discharge of waste chemicals	Some people who drink water containing PCBs in excess of the MCL over many years could experience changes in their skin, problems with their thymus gland, immune deficiencies, or reproductive or nervous system difficulties, and may have an increased risk

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						of getting cancer.
Pentachlorophenol (ppb)	.001	1000	1	0	Discharge from wood preserving factories	Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer.
Picloram (ppb)	.5	1000	500	500	Herbicide runoff	Some people who drink water containing picloram in excess of the MCL over many years could experience problems with their liver.
Simazine (ppb)	.004	1000	4	4	Herbicide runoff	Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood.
Toxaphene (ppb)	.003	1000	3	0	Runoff/ leaching from insecticide used on cotton and cattle	Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their kidneys, liver, or thyroid, and may have an increased risk of getting cancer.
Volatile organic contaminants:						
Benzene (ppb)	.005	1000	5	0	Discharge from factories; Leaching from gas storage tanks and landfills	Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets, and may have an increased risk of getting cancer.
Carbon tetrachloride (ppb)	.005	1000	5	0	Discharge from chemical plants and	Some people who drink water containing carbon tetrachloride in excess of



Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					other industrial activities	the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.
Chlorobenzene (ppb)	.1	1000	100	100	Discharge from chemical and agricultural chemical factories	Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys.
o-Dichlorobenzene (ppb)	.6	1000	600	600	Discharge from industrial chemical factories	Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems.
p-Dichlorobenzene (ppb)	.075	1000	75	75	Discharge from industrial chemical factories	Some people who drink water containing p-dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood.
1,2-Dichloroethane (ppb)	.005	1000	5	0	Discharge from industrial chemical factories	Some people who drink water containing 1,2-dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer.
1,1-Dichloroethylene (ppb)	.007	1000	7	7	Discharge from industrial chemical factories	Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.
cis-1,2-Dichloroethylene (ppb)	.07	1000	70	70	Discharge from industrial	Some people who drink water containing

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					chemical factories	cis-1,2-dichloroethylene in excess of the MCL over many years could experience problems with their liver.
trans-1,2-Dichloroethylene (ppb)	.1	1000	100	100	Discharge from industrial chemical factories	Some people who drink water containing trans-1,2-dichloroethylene well in excess of the MCL over many years could experience problems with their liver.
Dichloromethane (ppb)	.005	1000	5	0	Discharge from pharmaceutical and chemical factories	Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.
1,2-Dichloropropane (ppb)	.005	1000	5	0	Discharge from industrial chemical factories	Some people who drink water containing 1,2-dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer.
Ethylbenzene (ppb)	.7	1000	700	700	Discharge from petroleum refineries	Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.
Haloacetic Acids (HAA) (ppb)	.060	1000	60	N/A	By-product of drinking water disinfection	Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.
Styrene (ppb)	.1	1000	100	100	Discharge from rubber and	Some people who drink water containing styrene

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
					plastic factories; Leaching from landfills	well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system.
Tetrachloroethylene (ppb)	.005	1000	5	0	Discharge from factories and dry cleaners	Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer.
1,2,4-Trichlorobenzene (ppb)	.07	1000	70	70	Discharge from textile-finishing factories	Some people who drink water containing 1,2,4-trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands.
1,1,1-Trichloroethane (ppb)	.2	1000	200	200	Discharge from metal degreasing sites and other factories	Some people who drink water containing 1,1,1-trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system.
1,1,2-Trichloroethane (ppb)	.005	1000	5	3	Discharge from industrial chemical factories	Some people who drink water containing 1,1,2-trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems.
Trichloroethylene (ppb)	.005	1000	5	0	Discharge from metal degreasing sites and other factories	Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased

Contaminant (units)	Traditional MCL in mg/L	To convert for CCR, multiply by	MCL in CCR units	MCLG	Major sources in drinking water	Health effects language
						risk of getting cancer.
TTHMs [Total trihalomethanes] (ppb)	0.10/.080	1000	100/80	N/A	By-product of drinking water disinfection	Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.
Toluene (ppm)	1		1	1	Discharge from petroleum factories	Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver.
Vinyl Chloride (ppb)	.002	1000	2	0	Leaching from PVC piping; Discharge from plastics factories	Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer.
Xylenes (ppm)	10		10	10	Discharge from petroleum factories; Discharge from chemical factories	Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system.

† Until March 31, 2016.

‡ Beginning April 1, 2016.

<sup>1</sup> These arsenic values are effective January 23, 2006. Until then, the MCL is 0.05 mg/L and there is no MCLG.

Key:

AL = Action Level

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

MFL = million fibers per liter

MRDL = Maximum Residual Disinfectant Level

MRDLG = Maximum Residual Disinfectant Level Goal

mrem/year = millirems per year (a measure of radiation absorbed by the body)

N/A = Not Applicable

NTU = Nephelometric Turbidity Units (a measure of water clarity)

pCi/l = picocuries per liter (a measure of radioactivity)

ppm = parts per million, or milligrams per liter (mg/l)

ppb = parts per billion, or micrograms per liter (µg/l)

ppt = parts per trillion, or nanograms per liter

ppq = parts per quadrillion, or picograms per liter

TT = Treatment Technique

*[65 FR 26024, May 4, 2000, as amended at 65 FR 76749, Dec. 7, 2000; 66 FR 7064, Jan. 22, 2001; 67 FR 70855, Nov. 27, 2002; 67 FR 73011, Dec. 9, 2002; 68 FR 14506, Mar. 25, 2003; 71 FR 65652, Nov. 8, 2006; 78 FR 10349, Feb. 13, 2013; 86 FR 4309, Jan. 15, 2021]*