

Consumer Confidence Report (CCR) Certification for Wyoming Community Water Systems Serving Fewer than 10,000 Persons

Community Water System Name: Town of Sinclair

Public Water System Identification No: WY5600054 Year CCR Due: 2023

Important: In 1999, Governor Jim Geringer exercised his authority under the Safe Drinking Water Act to waive the direct mailing requirement for CCRs for small community water systems in Wyoming. Small community water systems can instead meet their annual reporting requirements under the CCR Rule by the methods of report distribution listed below.

Directions: Please mark the boxes in the section relevant to your drinking water system and fill in the associated blanks. Then sign the form in the last section.

Community Water Systems Serving Fewer than 10,000 Persons must complete all three (3) of the following actions:

1. Notified customers by direct mailing* that the CCR shall be printed in a local newspaper or made available on an internet web site.

Specify date and method of direct notice to customers:

and

2. Published the CCR as an insert in one or more local newspapers serving the area of service or published the CCR on an internet web site.

Specify newspaper and the date of publication, or specify the internet web site address:

and

3. Made paper copies of the CCR available to the public upon request.

Describe what information was provided to the customer so that he/she could request a paper copy of the CCR, if desired:

*Direct mailing can include mailing a paper notice or emailing a notice to your customers.

Community Water Systems Serving 500 Persons or Fewer must complete both of the following actions:

1. Provided direct notice* to each customer that the annual CCR is available.

Specify the date and method of direct notice to customers, and where the report was made available:

Added Note on Apr, May waterbill that the CCR's are available by request at Town Hall.

Posted reports at Sinclair Post Office, Sinclair Town Hall, Sinclair Rec Hall, and Sinclair Library bulletin boards to view. May 2018

and



2. Made paper copies of the CCR available to the public upon request or through an internet web site.

Describe what information was provided to the customer so that he/she could request a paper copy of the CCR, or specify the internet web site address:

Website: www.sinclairwyoming.com

*Direct notice can include mailing a paper notice to or emailing a notice to your customers.

The community water system named above hereby confirms that its Consumer Confidence Report (CCR) has been distributed to customers or that appropriate notices of availability have been given as specified on this form. Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to EPA Region 8.

CERTIFIED BY:

Name (please print): Chris Holderson

Title: Maintenance Supervisor Phone #: 307-321-7637

Signature: Chris Holderson

Today's Date: 4-3-24

Please sign and send your completed certification by mail, fax, or email for receipt no later than October 1st of each year for the CCR due that same year:

MAILING ADDRESS:

US Environmental Protection Agency, Region 8
 Drinking Water Program (8WP-SDA)
 Attn: CCR Rule Manager
 1595 Wynkoop St.
 Mailcode: 8WP-SDA
 Denver, CO 80202-1129

EMAIL:

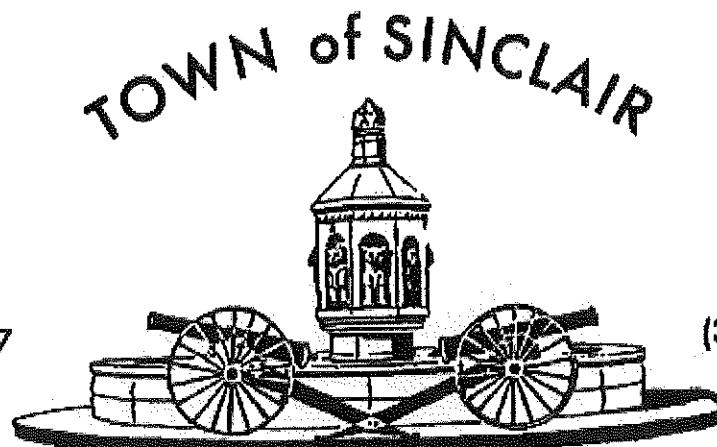
To: R8DWU@epa.gov
 Subject: CCR Certification

FAX:

1-(877) 876-9101
 Attn: CCR Certification

P.O. Box 247

(307) 324-3058



Sinclair, Wyoming 82334
"Founded in 1924"

Listed on the National Register of Historic Places #250

Annual Drinking Water Quality Report
TOWN OF SINCLAIR WATER SYSTEM
WY5600054
2023

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and the services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. We currently have three water sources. Our primary source is a collection of springs in the Sage Creek Basin approximately thirty miles south of the city. Our secondary sources are three wells into the Nugget Formation near Miller Hill, also south of the city, and the North Platte River.

If you have any questions about this report or concerning your water utility, please contact J. Chris Haldorson 307-324-3058, water plant Superintendent at 307-328-4564 or Stevie Osborn, water plant Supervisor at 307-328-4564. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled City Council meetings. They are held on the first and third Tuesday of the month at 7:30 PM in the City Council Chambers, City Hall, 521 Cedar Street, Rawlins, WY 82301.

The City of Rawlins routinely monitors constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2023. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

To ensure that tap water is safe to drink, EPA establishes regulations, which limit the number of certain contaminants in water provided by public water systems. The Food and Drug Administration establishes limits for contaminants found in bottled water.

TEST RESULTS TABLE

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

Not Applicable (NA) - Not required to test for this item every year.

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

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

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

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

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity more than 5 NTU is just noticeable to the average person.

Variances & Exemptions (V&E) - State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Action Level - the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

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

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

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

Maximum Residual Disinfectant Level (MRDL) -The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) -The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Those, which were undetected, are included in the table, but the MCL and MCLG boxes are left blank.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MO	Likely Source of Contamination
Microbiological Contaminants						
1. Total Coliform Bacteria	N	0	sat/unsat	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
2. Fecal coliform and <i>E. coli</i>	N	0	sat/unsat	0	a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive	Human and animal fecal waste
3. Turbidity			NTU	n/a	TT	
Radioactive Contaminants						
4. Beta/photon emitters	N	NA	mrem/yr	0	4	Decay of natural and man-made deposits
5. Alpha emitters	N	NA	pCi/l	0	1S	Erosion of natural deposits
5b. Gross Alpha Including Radium	N	NA	pCi/l	0	1S	Erosion of natural deposits
6. Combined radium	N		pCi/l	0	9	Erosion of natural deposits
7. Uranium ¹	N		ppb	0 ¹	10 ¹	Erosion of natural deposits

National Primary Drinking Water Regulations



Contaminant	MCL or TT (mg/L) ^a	Potential health effects from long-term exposure above the MCL	Common sources of contaminant in drinking water	Public Health Goal (mg/L) ^a
Acetamide	10	Nervous system or blood problems; increased risk of cancer	Addition to water during sewage/wastewater treatment	zero
Atrachlor	0.002	Eye, liver, kidney, or spleen problems; anemia; increased risk of cancer	Runoff from herbicide used on row crops	zero
Alpha/photon emitters	15 picocuries per liter (pCi/L)	Increased risk of cancer	Erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known as alpha radiation	zero
Antimony	0.006	Increase in blood cholesterol; decrease in blood sugar	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder	0.006
Arsenic	10 ppb	Skin damage or problems with circulatory systems, and may have increased risk of getting cancer	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes	0
Asbestos (fibers >10 micrometers)	7 million fibers per liter (MF/L)	Increased risk of developing benign intestinal polyps	Decay of asbestos cement in water mains; erosion of natural deposits	7 MF/L
Atrazine	0.003	Cardiovascular system or reproductive problems	Runoff from herbicide used on row crops	0.003
Barium	2	Increase in blood pressure	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	2
Benzene	0.005	Anemia; decrease in blood platelets; increased risk of cancer	Discharge from factories; leaching from gas storage tanks and landfills	zero
Benzo(a)pyrene (PAHs)	0.0002	Reproductive difficulties; increased risk of cancer	Leaching from linings of water storage tanks and distribution lines	zero
Beryllium	0.006	Intestinal lesions	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries	0.006
Beta photon emitters	4 millirems per year	Increased risk of cancer	Decay of natural and man-made deposits of certain minerals that are radioactive and may emit forms of radiation known as photons and beta radiation	zero
Bromate	0.001	Increased risk of cancer	Byproduct in drinking water disinfection	zero
Cadmium	0.005	Kidney damage	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints	0.005
Carbofuran	0.04	Problems with blood, nervous system, or reproductive system	Leaching of soil (insecticide used on rice and straws)	0.04

LEGEND



DISINFECTANT



DISINFECTION BYPRODUCT



INORGANIC CHEMICAL



MICROORGANISM

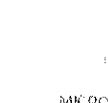


ORGANIC CHEMICAL



RADIONUCLIDES

Contaminant	MCL or TT (mg/L) ^a	Potential health effects from long-term exposure above the MCL	Common sources of contaminant in drinking water	Public Health Goal (mg/L) ^a
 Carbon tetrachloride	0.005	Liver problems; increased risk of cancer	Discharge from chemical plants and other industrial activities	zero
 Chloramines (as Cl ₂)	MRDL = 4.0	Eye/nose irritation; stomach discomfort; anemia	Water additive used to control microbes	MRDLG=4
 Chlordane	0.002	Liver or nervous system problems; increased risk of cancer	Residue of banned insecticide	zero
 Chlorine (as Cl ₂)	MRDL = 4.0	Eye/nose irritation; stomach discomfort	Water additive used to control microbes	MRDLG=4
 Chlorine dioxide (as ClO ₂)	MRDL=0.8	Anemia; infants, young children and fetuses of pregnant women; nervous system effects	Water additive used to control microbes	MRDLG=0.8
 Chlorite	1.6	Anemia; infants, young children, and fetuses of pregnant women; nervous system effects	Byproduct of drinking water disinfection	0.8
 Chlorobenzene	0.1	Liver or kidney problems	Discharge from chemical and agricultural facilities	0.1
 Chromium (total)	0.1	Allergic dermatitis	Discharge from steel and pulp mills; erosion of natural deposits	0.1
 Copper	TT : Action Level = 15	Short-term exposure: Gastrointestinal distress. Long-term exposure: liver or kidney damage. People with Wilson's Disease should consult their personal doctor if the amount of copper in their water exceeds the action level.	Corrosion of household plumbing; erosion of natural deposits	0.5
 Cryptosporidium	TT	Short-term exposure: Gastrointestinal illness (e.g., diarrhea, vomiting, cramps)	Human and animal fecal waste	zero
 Cyanide (as free cyanide)	1.7	Nerve damage or thyroid problems	Discharge from steel/metal smelting; discharge from plastic and petrochemical companies	0.2
 2,4-D	0.02	Kidney, liver or adrenal gland problems	Runoff from herbicide used on lawns and golf courses	0.07
 Dalapon	0.12	Minor kidney changes	Runoff from herbicide used on lawns and golf courses	0.2
 1,2-Dibromo-3-chloropropane (DBCP)	0.0002	Reproductive difficulties; increased risk of cancer	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards	zero
 o-Dichlorobenzene	0.25	Liver, kidney, or circulatory system disorders	Discharge from industrial chemical factories	0.6
 p-Dichlorobenzene	0.075	Anemia; liver, kidney, or spleen damage; changes in blood	Discharge from industrial chemical factories	0.075
 1,2-Dichloroethane	0.015	Increased risk of cancer	Discharge from industrial chemical factories	zero

LEGEND

National Primary Drinking Water Regulations

Final Rule - 40 CFR Part 141

Contaminant	MCL or TT (mg/L) ^a	Potential health effects from long-term ^b exposure above the MCL	Common sources of contaminant in drinking water	Public Health Goal (mg/L) ^c
 1,1-Dichloroethylene	0.002	Liver problems	Discharge from industrial chemical factories	0.002
 cis-1,2-Dichloroethylene	0.07	Liver problems	Discharge from industrial chemical factories	0.07
 trans-1,2-Dichloroethylene	0.01	Liver problems	Discharge from industrial chemical factories	0.1
 Dichloromethane	0.005	Liver problems; increased risk of cancer	Discharge from industrial chemical factories	zero
 2-Dichloropropane	0.005	Increased risk of cancer	Discharge from industrial chemical factories	zero
 Di(2-ethylhexyl) adipate	0.2	Weight loss; liver problems, or possible reproductive difficulties	Discharge from chemical factories	0.2
 Di(2-ethylhexyl) phthalate	0.0025	Reproductive difficulties; liver problems; increased risk of cancer	Discharge from industrial chemical factories	zero
 Dimoxab	0.0027	Reproductive difficulties	Runoff from herbicide use on beans and vegetables	0.0027
 Dimer (2,3,7,8-TCDD)	0.000000005	Reproductive difficulties; increased risk of cancer	Emissions from waste incinerators and other combustion; discharge from thermal factories	zero
 Diquat	0.02	Cataracts	Runoff from herbicide use	0.02
 Endothall	0.1	Stomach and intestinal problems	Runoff from herbicide use	0.1
 Endrin	0.002	Liver problems	Residue of banned insecticide	0.002
 Epichlorohydrin	0.5	Increased cancer risk; stomach problems	Discharge from industrial chemical factories; agriculture; oil spills; waste treatment chemical	0.012
 Ethylbenzene	0.7	Liver or kidney problems	Discharge from petroleum refineries	0.7
 Ethylene chloromethyl ether	0.00002	Problems with liver, stomach, reproductive system, or kidneys; increased risk of cancer	Discharge from chemical companies	zero
 Fecal coliform and E. coli	MCL ^d	Fecal coliform and E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes may cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems	Human and animal fecal wastes	zero

LEGEND



DISINFECTION BYPRODUCTS



INORGANIC CHEMICALS



MICROORGANISMS



ORGANIC CHEMICALS



RADIATION

Contaminant	MCL or TT ^a (mg/L) ^b	Potential health effects from long-term ^c exposure above the MCL	Common sources of contaminant in drinking water	Public Health Goal (mg/L) ^d
 Fluoride	4.0	Bone disease (pain and tenderness of the bones); children may get mottled teeth	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories	4.0
 Giardia lamblia	TT ^e	Short-term exposure: Gastrointestinal illness (e.g., diarrhea, vomiting, cramps)	Human and animal fecal waste	zero
 Glyphosate	0.7	Kidney problems; reproductive difficulties	Runoff from herbicide use	0.7
 Haloacetic acids (HAA5)	0.060	Increased risk of cancer	Byproduct of drinking water disinfection	n/a ^f
 Heptachlor	0.00003	Liver damage; increased risk of cancer	Breakdown of banned pesticides	zero
 Heptachlor epoxide	0.0002	Liver damage; increased risk of cancer	Breakdown of heptachlor	zero
 Heterotrophic plate count (HPC)	TT ^g	HPC has no health effects; it is an analytic method used to measure the variety of bacteria that are common in water. The lower the concentration of bacteria in drinking water, the better maintained the water system is.	HPC: measures a range of bacteria that are naturally present in the environment	n/a
 Hexachlorobenzene	0.003	Liver or kidney problems; reproductive difficulties; increased risk of cancer	Discharge from metal refineries and agricultural chemical factories	zero
 Hexachlorocyclopentadiene	1.05	Kidney or stomach problems	Discharge from chemical factories	0.05
 Lead	TT ^h ; Action level=0.015	Infants and children: Delays in physical or mental development; children could show slight deficits in attention span and learning abilities. Adults: Kidney problems; high blood pressure	Corrosion of household plumbing systems; erosion of natural deposits	zero
 Legionella	TT ⁱ	Legionnaires' Disease: a type of pneumonia	Found naturally in water; multiplying in heating systems	zero
 Lindane	0.0002	Liver or kidney problems	Runoff/leaching from insecticide used on crops, lumber, and gardens	0.0002
 Mercury (inorganic)	0.001	Kidney damage	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and croplands	0.002
 Methoxychlor	0.09	Reproductive difficulties	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, and livestock	0.02
 Nitrate (measured vs Nitrogen)	16	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.	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits	16

LEGEND

Contaminant	MCL or TP ^a (mg/L)	Potential health effects from long-term ^b exposure above the MCL	Common sources of contaminant in drinking water	Public Health Goal (mg/L) ^c
Nitrite (measured as Nitrogen)		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.	Runoff from fertilizer use; leaching from septic tanks, sewage, erosion of natural deposits	
Oxamyl (Vydate)	0.2	Slight nervous system effects	Runoff/leaching from insecticide used on apples, potatoes, and tomatoes	0.2
Pentachlorophenol	0.700	Liver or kidney problems; increased cancer risk	Discharge from wood preservative facilities	zero
Picloram	0.5	Liver problems	Herbicide runoff	0.5
Polychlorinated diphenyls (PCBs)	0.0005	skin changes; thymus gland problems; immune deficiencies; reproductive or nervous system difficulties; increased risk of cancer	Runoff/leaching; discharge of past chemical	zero
Radium 226 and Radium 228 (combined)	5 pCi/L	Increased risk of cancer	Erosion of natural deposits	zero
Selenite	1.00	Hair or fingernail loss; numbness in fingers or toes; circulatory problems	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from coal	0.05
Simazine	0.004	Problems with blood	Herbicide runoff	0.002
Styrene	0.5	Liver, kidney, or circulatory system problems	Discharge from rubber and plastic factories; leaching from landfills	0.1
Tetrachloroethylene	0.005	Liver problems; increased risk of cancer	Discharge from factories and dry cleaners	zero
Thallium	0.002	Hair loss; changes in blood; kidney, intestine, or liver problems	Leaching from ore processing sites; discharge from electronics, glass and other factories	0.0005
Toluene	1	Nervous system, kidney, or liver problems	Discharge from petroleum factories	1
Total coliforms	500 per sample ^d	Coliforms are bacteria that indicate that other potentially harmful bacteria may be present. See fecal coliforms and E. coli.	Bacteria present in our environment	zero
Total Trihalomethanes (TTHMs)	0.080	Liver, kidney, or central nervous system problems; increased risk of cancer	Byproduct of drinking water disinfection	zero
Toxaphene	0.007	Kidney, liver, or thyroid problems; increased risk of cancer	Quoted discharge from toxaphene sites on cotton and hemp	zero
2,4,5-TP (Silvex)	0.05	Liver problems	Residue of banned herbicide	0.05
1,2,4-Trichlorobenzene	1.0 ^e	Changes in adrenal glands	Discharge from mobile干cleaning factories	0.07

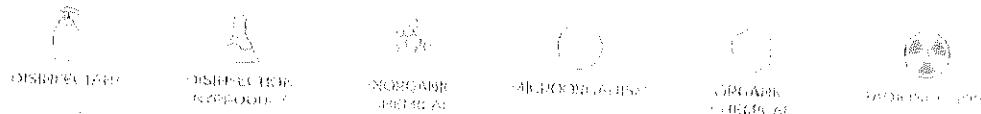
LEGEND

Federal Primary Drinking Water Regulations

DRINKING WATER CONTAMINANTS

Contaminant	MCL or TT ^a (mg/L) ^b	Potential health effects from long-term ^c exposure above the MCL	Common sources of contamination in drinking water	Public Health Goal (mg/L)
1,1,1-Trichloroethane	0.2	Liver, nervous system, or circulatory problems	Discharge from metal degreasing sites and other factories	0.2
1,1,2-Trichloroethane	0.005	Liver, kidney, or immune system problems	Discharge from industrial chemical factories	0.003
Trichloroethylene	0.005	Liver problems; increased risk of cancer	Discharge from metal degreasing sites and other factories	zero
Turbidity	1.0	Turbidity is a measure of the cloudiness of water. It is used to indicate water quality and filtration effectiveness (e.g., whether disease-causing organisms are present). Higher turbidity levels are often associated with higher levels of disease-causing microorganisms such as viruses, parasites, and some bacteria. These organisms can cause short-term symptoms such as nausea, cramps, diarrhea, and associated headaches.	Toddy cloud	n/a
Uranium	30 ug/L	Increased risk of cancer, kidney toxicity	Erosion of natural deposits	zero
Vinyl chloride	0.002	Increased risk of cancer	Leaching from PVC pipes; off-gage from plastic linings	zero
Viruses (enteric)	TT ^d	Short-term exposure: Gastrointestinal illness (e.g., diarrhea, vomiting, cramps)	Human and animal fecal waste	zero
Xylenes (total)	10	Nervous system damage	Discharge from petroleum factories; discharge from chemical factories	10

LEGEND



NOTES

Definitions

Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which no known or expected health risks occur. It is not a drinking water standard itself, but rather a public health goal. The MCLG is set as close to the MCLG as feasible using the best available treatment technology.

Maximum Residual Disinfectant Level Goal (MRDLG) is the level of a disinfectant in drinking water below which no known or expected health risks occur if achieved at least 99% of the time.

Maximum Treatment Technology (TT) is the best available treatment technology that can remove a contaminant from drinking water.

Non-enforceable contaminant detection limits are the minimum detectable concentrations for each contaminant.

Organic compounds are substances containing carbon.

Pathogens are disease-causing microorganisms that may contaminate drinking water. Pathogens include bacteria, viruses, and protozoa. Some pathogenic bacteria and viruses can cause intestinal diseases. Some protozoa can cause intestinal and lung diseases. Pathogens may enter drinking water through natural sources such as precipitation and flooding, or through human activities such as sewage disposal.

Radionuclides are radioactive elements that may contaminate drinking water. Radionuclides are usually present in small amounts in natural sources such as soil and rock. They may also be present in drinking water because of human activities such as mining and nuclear power generation.

Secondary standards are the levels of contaminants in drinking water that are not directly related to health effects but are important to prevent aesthetic problems such as taste, odor, color, and turbidity. Secondary standards do not apply to radionuclides.

State primary drinking water regulations are state laws that regulate drinking water quality. These laws may be more stringent than federal laws. States may have different names for their laws, such as "drinking water protection laws" or "public health laws."

Sympathetic organisms are species of plants, bacteria, and fungi that grow on or near other organisms.

Teratogen is a substance that causes birth defects in humans or animals.

Transuranic radionuclides are radioactive elements with atomic numbers greater than 92.

Unregulated contaminants are substances that have been identified by EPA as potential threats to public health.

Volatile organic compounds are organic compounds that easily become vapor.

Weight-of-evidence approach is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence assessment is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence method is a process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence review is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence synthesis is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence analysis is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

Weight-of-evidence assessment is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

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Weight-of-evidence synthesis is the process of assessing the scientific literature to determine whether there is a causal relationship between a contaminant and a health effect.

NATIONAL SECONDARY DRINKING WATER REGULATION

National Secondary Drinking Water Regulations are non-enforceable guidelines requiring control measures that may cause cosmetic effects (such as skin or tooth discoloration or taste/odor effects from taste/odor or color) in drinking water. EPA recommends secondary standards to water systems that choose to regulate systems to control. However, some states may choose to adopt more stringent secondary standards.

Contaminant	Secondary Maximum Contaminant Level
Aluminum	0.05 to 0.2 mg/l
Chloride	250 mg/l
Color	15 (color units)
Copper	1.0 mg/l
Corrosivity	Noncorrosive
Fluoride	2.0 mg/l
Foaming Agents	0.5 mg/l
Iron	0.3 mg/l
Manganese	0.05 mg/l
Odor	3 threshold odor number
pH	6.5-8.5
Silica	0.10 mg/l
Sulfate	250 mg/l
Total Dissolved Solids	500 mg/l
Zinc	5 mg/l

**FOR MORE INFORMATION ON EPA'S
SAFE DRINKING WATER**

visit: epa.gov/safewater



call: (800) 426-4791

ADDITIONAL INFORMATION

To order additional posters or other general water and drinking water publications, please contact the National Service Center for Environmental Quality at (800) 643-6192 or nlpubs@epa.gov.

我怎樣也想不出，這事到底和我有什麼關係？

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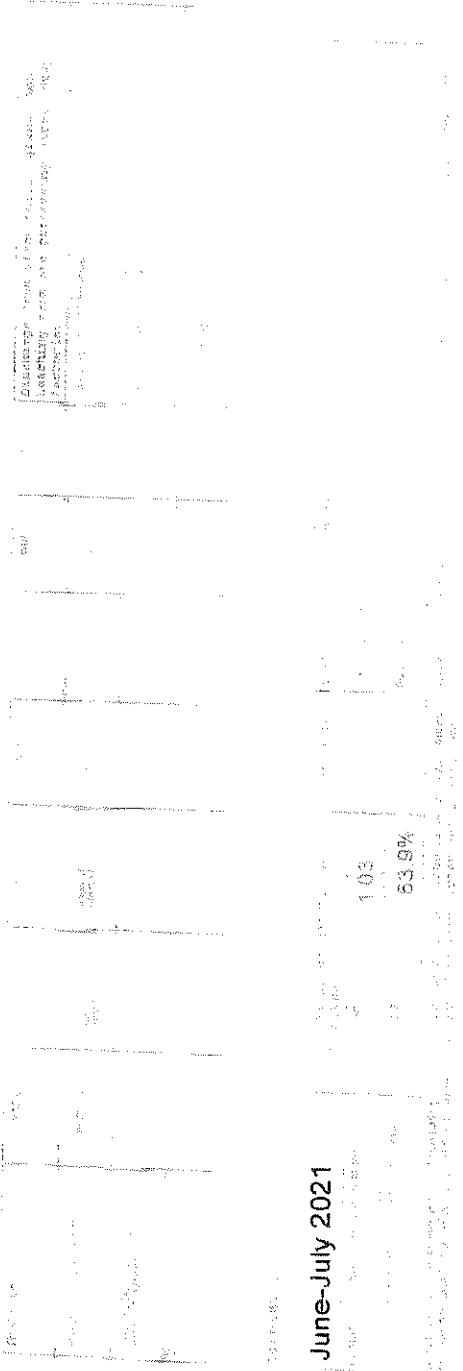
No	No	10-2023	10-2023
1	2	3	4

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June-July 2021

Category	Value	Percentage
Wetland	1.03	1.03%
Shrubland	1.12	1.12%
Forest	63.9%	63.9%
Grassland	34.75	34.75%

Wetland
Shrubland
Forest
Grassland



August 18th, 2022

2.7g
98.3%



Trust our People. Trust our Data.
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Casper, WY 307-235-7775 • Helena, MT 406-447-8711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23100621-001

Client Sample ID: Rawlins Golf Course

Report Date: 11/01/23

PWS #: WY6600045 **Name:** RAWLINS WATER SUPPLY, CITY OF

Collection Date: 10/17/23 09:06

Facility ID: DIST

Date Received: 10/17/23

Sampling Point/Location: S2-GOLF CRS / Rawlins Golf Course

Matrix: Drinking Water

Project ID: WY6600045

Federal ID#: WY00002

Collector's Name: Carly Brown **Contact Phone #:** (307) 328-4500

Compliance Sample: YES **Sample Type:** RT

FRDS Analyses	Result	Units	Qual	MCL/ QCL		Method	Analysis Date / By
				RL	QCL		
TRIHALOMETHANES							
2943 Bromodichloromethane	6.7	ug/L		0.50	E524.2	10/25/23 20:57 / eli-h	
2942 Bromoform	1.6	ug/L		0.50	E524.2	10/25/23 20:57 / eli-h	
2944 Chlorodibromomethane	5.5	ug/L		0.50	E524.2	10/25/23 20:57 / eli-h	
2941 Chloroform	11	ug/L		0.50	E524.2	10/25/23 20:57 / eli-h	
2850 Trihalomethanes, Total	25	ug/L		0.50	80	E524.2	10/25/23 20:57 / eli-h
Sum: 1,2-Dichloroethane-d4	112	%REC		70-130	E524.2	10/25/23 20:57 / eli-h	
Sum: p-Bromofluorobenzene	120	%REC		70-130	E524.2	10/25/23 20:57 / eli-h	
Sum: Toluene-d8	107	%REC		70-130	E524.2	10/25/23 20:57 / eli-h	
HALOACETIC ACIDS							
2454 Dibromoacetic acid	0.86	ug/L		0.25	E552.2	10/28/23 23:52 / eli-h	
2451 Dichloroacetic acid	1.2	ug/L		0.75	E552.2	10/28/23 23:52 / eli-h	
2453 Monobromoacetic acid	ND	ug/L		0.50	E552.2	10/28/23 23:52 / eli-h	
2450 Monochloroacetic acid	ND	ug/L		0.75	E552.2	10/28/23 23:52 / eli-h	
2452 Trichloroacetic acid	0.63	ug/L		0.50	E552.2	10/28/23 23:52 / eli-h	
2456 Total Regulated Haloacetic Acids	2.7	ug/L		0.25	80	E552.2	10/28/23 23:52 / eli-h
2466 Bromochloroacetic acid	1.2	ug/L		0.50	E552.2	10/28/23 23:52 / eli-h	
Sum: 2,3-Dibromopropionic acid	86.0	%REC		70-130	E552.2	10/28/23 23:52 / eli-h	

Report Definitions: RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Institution People Institution Data
Institution Address

Billing MI 486-252-6329 ~ Casper WY 307-235-8916
Customer WY 307-686-7175 ~ Remora MI 486-447-0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23100621-002

Client Sample ID: Highland Hills School

Report Date: 11/01/23

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 10/17/23 09:28

Facility ID: DIST

Date Received: 10/17/23

Sampling Point/Location: S2-HLAND SCH / Highland Hills Schoo

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
TRIHALOMETHANES							
2943 Bromodichloromethane	4.2	ug/L		0.50	E524.2	10/26/23 17:46 / eli-h	
2942 Bromoform	1.0	ug/L		0.50	E524.2	10/26/23 17:46 / eli-h	
2944 Chlorodibromomethane	3.7	ug/L		0.50	E524.2	10/26/23 17:46 / eli-h	
2941 Chloroform	3.8	ug/L		0.50	E524.2	10/26/23 17:46 / eli-h	
2950 Trihalomethanes, Total	13	ug/L		0.50	80	E524.2	10/26/23 17:46 / eli-h
Surr. 1,2-Dichloroethane-d4	110	%REC		70-130	E524.2	10/26/23 17:46 / eli-h	
Surr. p-Bromofluorobenzene	116	%REC		70-130	E524.2	10/26/23 17:46 / eli-h	
Surr. Toluene-d8	109	%REC		70-130	E524.2	10/26/23 17:46 / eli-h	
HALOACETIC ACIDS							
2454 Dibromoacetic acid	1.2	ug/L		0.25	E552.2	10/29/23 00:50 / eli-h	
2451 Dichloroacetic acid	2.6	ug/L		0.75	E552.2	10/29/23 00:50 / eli-h	
2463 Monobromoacetic acid	ND	ug/L		0.50	E552.2	10/29/23 00:50 / eli-h	
2450 Monochloroacetic acid	ND	ug/L		0.75	E552.2	10/29/23 00:50 / eli-h	
2452 Trichloroacetic acid	0.85	ug/L		0.50	E552.2	10/29/23 00:50 / eli-h	
2456 Total Regulated Haloacetic Acids	4.6	ug/L		0.25	80	E552.2	10/29/23 00:50 / eli-h
2455 Bromochloroacetic acid	1.8	ug/L		0.50	E552.2	10/29/23 00:50 / eli-h	
Surr. 2,3-Dibromopropionic acid	88.0	%REC		70-130	E552.2	10/29/23 00:50 / eli-h	

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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Cheyenne, WY 307-688-7175 • Denver, CO 408-442-8711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C24020432-001

Client Sample ID: 229 Sage Creek Road

Report Date: 03/01/24

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 02/14/24 08:52

Facility ID: SS01

Date Received: 02/14/24

Sampling Point/Location: SP01 / 229 Sage Creek Road

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Stevie Osborn

Contact Phone #: (307) 328-4505

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/ RL QCL		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
1016 Calcium	63.0	mg/L		0.5	E200.7		02/22/24 13:10 / eli-h
1031 Magnesium	4.5	mg/L		0.6	E200.7		02/22/24 13:10 / eli-h
1042 Potassium	3.6	mg/L		0.6	E200.7		02/22/24 13:10 / eli-h
1052 Sodium	3.3	mg/L		0.5	E200.7		02/22/24 13:10 / eli-h
NUTRIENTS							
1038 Nitrogen, Nitrate+Nitrite as N	0.17	mg/L		0.05	10	E353.2	02/20/24 13:20 / sli
INORGANIC COMPOUNDS, SDWA							
1025 Fluoride	0.7	mg/L		0.4	6	E300.0	02/17/24 08:53 / jsl
METALS, TOTAL							
1035 Mercury	ND	mg/L		0.0001	0.002	E245.1	02/26/24 13:06 / eli-h
INORGANIC COMPOUNDS							
1074 Antimony	ND	mg/L		0.001	0.006	E200.8	02/27/24 16:48 / eli-h
1005 Arsenic	0.006	mg/L		0.005	0.01	E200.8	02/27/24 16:48 / eli-h
1010 Barium	ND	mg/L		0.1	2	E200.8	02/27/24 16:48 / eli-h
1075 Beryllium	ND	mg/L		0.001	0.004	E200.8	02/27/24 16:48 / eli-h
1015 Cadmium	ND	mg/L		0.001	0.005	E200.8	02/27/24 16:48 / eli-h
1020 Chromium	ND	mg/L		0.001	0.005	E200.8	02/27/24 16:48 / eli-h
1036 Nickel	ND	mg/L		0.05	0.1	E200.8	02/27/24 16:48 / eli-h
1045 Selenium	0.009	mg/L		0.06		E200.8	02/27/24 16:48 / eli-h
1085 Thallium	ND	mg/L		0.001	0.05	E200.8	02/27/24 16:48 / eli-h
1024 Cyanide, Total	ND	mg/L		0.0005	0.002	E200.8	02/27/24 16:48 / eli-h
VOLATILE ORGANIC COMPOUNDS							
2990 Benzene	ND	ug/L		0.50	%	E524.2	02/21/24 18:48 / eli-h
2993 Bromobenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2430 Bromochloromethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2943 Bromodichloromethane	3.6	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2942 Bromoform	0.85	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2214 Bromomethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2422 n-Butylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2428 sec-Butylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2426 tert-Butylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h

Report RL - Analyte Reporting Limit
 Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C24020432-001

Client Sample ID: 229 Sage Creek Road

Report Date: 03/01/24

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 02/14/24 08:52

Facility ID: SS01

Date Received: 02/14/24

Sampling Point/Location: SP01 / 229 Sage Creek Road

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Stevie Osborn

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/QCL		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
2982 Carbon tetrachloride	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / ell-h
2980 1,2-Dichloroethane	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / ell-h
2989 Chlorobenzene	ND	ug/L		0.50	100	E524.2	02/21/24 18:48 / ell-h
2944 Chlorodibromomethane	3.2	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2216 Chloroethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2941 Chloroform	3.9	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2210 Chloromethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2965 2-Chlorotoluene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2966 4-Chlorotoluene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2408 Dibromomethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2968 1,2-Dichlorobenzene	ND	ug/L		0.50	800	E524.2	02/21/24 18:48 / ell-h
2967 1,3-Dichlorobenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2969 1,4-Dichlorobenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2212 Dichlorodifluoromethane	ND	ug/L		0.50	76	E524.2	02/21/24 18:48 / ell-h
2978 1,1-Dichloroethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2977 1,1-Dichloroethene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2360 cis-1,2-Dichloroethene	ND	ug/L		0.50	7	E524.2	02/21/24 18:48 / ell-h
2979 trans-1,2-Dichloroethene	ND	ug/L		0.50	70	E524.2	02/21/24 18:48 / ell-h
2983 1,2-Dichloropropene	ND	ug/L		0.50	100	E524.2	02/21/24 18:48 / ell-h
2412 1,3-Dichloropropene	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / ell-h
2416 2,2-Dichloropropene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2410 1,1-Dichloropropene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2413 cis-1,3-Dichloropropene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2224 trans-1,3-Dichloropropene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2992 Ethylbenzene	ND	ug/L		0.50	700	E524.2	02/21/24 18:48 / ell-h
2246 Hexachlorobutadiene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2994 Isopropylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2030 p-Isopropyltoluene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2261 Methyl tert-butyl ether (MTBE)	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2964 Methylene chloride	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / ell-h
2248 Naphthalene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2996 n-Propylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2995 Styrene	ND	ug/L		0.50	100	E524.2	02/21/24 18:48 / ell-h
2986 1,1,1,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2988 1,1,2,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / ell-h
2987 Tetrachloroethene	ND	ug/L		0.50	6	E524.2	02/21/24 18:48 / ell-h

Report RL - Analyte Reporting Limit
 Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C24020432-001

Client Sample ID: 229 Sage Creek Road

Report Date: 03/01/24

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 02/14/24 08:52

Facility ID: SS01

Date Received: 02/14/24

Sampling Point/Location: SP01 / 229 Sage Creek Road

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Stevie Osborn

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/ RL QCL		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
2991 Toluene	ND	ug/L		0.50	1000	E524.2	02/21/24 18:48 / eli-h
2420 1,2,3-Trichlorobenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2378 1,2,4-Trichlorobenzene	ND	ug/L		0.50	70	E524.2	02/21/24 18:48 / eli-h
2981 1,1,1-Trichloroethane	ND	ug/L		0.50	200	E524.2	02/21/24 18:48 / eli-h
2985 1,1,2-Trichloroethane	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / eli-h
2986 Trichloroethylene	ND	ug/L		0.50	5	E524.2	02/21/24 18:48 / eli-h
2218 Trichlorotrifluoroethylene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2414 1,2,3-Trichloropropane	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2418 1,2,4-Trimethylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2424 1,3,5-Trimethylbenzene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2976 Vinyl chloride	ND	ug/L		0.50	2	E524.2	02/21/24 18:48 / eli-h
2963 m+p-Xylenes	ND	ug/L		1.0		E524.2	02/21/24 18:48 / eli-h
2997 o-Xylene	ND	ug/L		0.50		E524.2	02/21/24 18:48 / eli-h
2950 Trihalomethanes, Total	12	ug/L		0.50	80	E524.2	02/21/24 18:48 / eli-h
2955 Xylenes, Total	ND	ug/L		0.50	10000	E524.2	02/21/24 18:48 / eli-h
Sur. p-Bromofluorobenzene	107	%REC		70-130		E524.2	02/21/24 18:48 / eli-h
Sum: 1,2-Dichloroethane-d4	104	%REC		70-130		E524.2	02/21/24 18:48 / eli-h
Sum: Tolene-d8	101	%REC		70-130		E524.2	02/21/24 18:48 / eli-h

Report Definitions: RL - Analyte Reporting Limit
 QCL - Quality Control Limit

MCL - Maximum Contaminant Level
 ND - Not detected at the Reporting Limit (RL)



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Energy E Laboratory

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Dallas, TX 866.886.7175 • Denver, CO 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23030186-001

Client Sample ID: IN05

Report Date: 03/14/23

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 03/07/23 09:05

Facility ID: IN05

Date Received: 03/07/23

Sampling Point/Location: RAWTOCA / IN05

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Cody Vanden Brink Contact Phone #: (307) 328-4500

Compliance Sample: YES Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
NON-METALS							
2920 Organic Carbon, Total (TOC)	0.6	mg/l		0.5		A5310 C	03/09/23 18:00 / mm

Report Definitions: RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



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LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23050851-001

Client Sample ID: IN05

Report Date: 06/05/23

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 05/23/23 08:30

Facility ID: IN05

Date Received: 05/23/23

Sampling Point/Location: RAWTOCA / IN05

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown Contact Phone #: (307) 328-4606

Compliance Sample: YES Sample Type: RT

PRDS Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
NON-METALS							
2920 Organic Carbon, Total (TOC)	3.7	mg/L		0.5		A5310 C	05/25/23 21:57 / mmn

Report RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



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307-237-8325 • Casper, WY 82601

307-471-3376 • Cheyenne, WY 82001

307-447-0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23080949-001

Client Sample ID: IN05

Report Date: 09/06/23

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 08/21/23 16:51

Facility ID: IN05

Date Received: 08/21/23

Sampling Point/Location: RAWTOCA / IN05

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Joe Langenderfer Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
NON-METALS							
2920 Organic Carbon, Total (TOC)	0.9	mg/l		0.5	A5310 C		08/22/23 16:53 / say

Report RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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Mobile: 307-686-7175 • Email: 406-442-0731

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C23100624-001

Client Sample ID: IN05

Report Date: 10/23/23

PWS #: WY5600045 Name: RAWLINS WATER SUPPLY, CITY OF

Collection Date: 10/17/23 08:33

Facility ID: IN05

Date Received: 10/17/23

Sampling Point/Location: RAWTOCA / IN05

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown

Contact Phone #: (307) 328-4800

Compliance Sample: YES

Sample Type: RI

ERDS Analyses	Result	Units	Qual	MCL		Method	Analysis Date / By
				RL	QCL		
NON-METALS							
2920 Organic Carbon, Total (TOC)	0.8	mg/l		0.5		A5310 C	10/18/23 21:19 / say

Report Definitions: RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C21110454-001

Client Sample ID: Swanson Ranch

Report Date: 11/30/21

PWS #: WY5600045 **Name:** RAWLINS WATER SUPPLY, CITY OF

Collection Date: 11/10/21 08:58

Facility ID: SS01

Date Received: 11/10/21

Sampling Point/Location: SP01 / Swanson Ranch

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
2051 Alachlor	ND	ug/L		0.10	2	E525.2	11/18/21 21:28 / eli-b
2356 Aldrin	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2388 Aroclor 1016	ND	ug/L		0.080		E525.2	11/18/21 21:28 / eli-b
2390 Aroclor 1221	ND	ug/L		2.0		E525.2	11/18/21 21:28 / eli-b
2392 Aroclor 1232	ND	ug/L		0.50		E525.2	11/18/21 21:28 / eli-b
2394 Aroclor 1242	ND	ug/L		0.30		E525.2	11/18/21 21:28 / eli-b
2396 Aroclor 1248	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2398 Aroclor 1254	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2400 Aroclor 1260	ND	ug/L		0.20		E525.2	11/18/21 21:28 / eli-b
2050 Atrazine	ND	ug/L		0.10	3	E525.2	11/18/21 21:28 / eli-b
2306 Benzo(a)pyrene	ND	ug/L		0.10	0.2	E525.2	11/18/21 21:28 / eli-b
2035 bis(2-ethylhexyl)Adipate	ND	ug/L		0.50	400	E525.2	11/18/21 21:28 / eli-b
2039 bis(2-ethylhexyl)Phthalate	ND	ug/L		0.60	6	E525.2	11/18/21 21:28 / eli-b
2076 Butachlor	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2959 Chlordane	ND	ug/L		1.0	2	E525.2	11/18/21 21:28 / eli-b
2070 Dieldrin	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2005 Endrin	ND	ug/L		0.10	2	E525.2	11/18/21 21:28 / eli-b
2010 gamma-BHC (Lindane)	ND	ug/L		0.10	0.2	E525.2	11/18/21 21:28 / eli-b
2065 Heptachlor	ND	ug/L		0.10	0.4	E525.2	11/18/21 21:28 / eli-b
2067 Heptachlor epoxide	ND	ug/L		0.10	0.2	E525.2	11/18/21 21:28 / eli-b
2274 Hexachlorobenzene	ND	ug/L		0.10	1	E525.2	11/18/21 21:28 / eli-b
2042 Hexachlorocyclopentadiene	ND	ug/L		0.10	50	E525.2	11/18/21 21:28 / eli-b
2015 Methoxychlor	ND	ug/L		0.10	40	E525.2	11/18/21 21:28 / eli-b
2045 Metolachlor	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2595 Metribuzin	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2077 Propachlor	ND	ug/L		0.10		E525.2	11/18/21 21:28 / eli-b
2037 Simazine	ND	ug/L		0.10	4	E525.2	11/18/21 21:28 / eli-b
2020 Toxaphene	ND	ug/L		2.0	3	E525.2	11/18/21 21:28 / eli-b
2383 PCBs, Total	ND	ug/L		0.50	0.5	E525.2	11/18/21 21:28 / eli-b
Surr: 1,3-Dimethyl-2-nitrobenzene	102	%REC			70-130	E525.2	11/18/21 21:28 / eli-b
Surr: Perylene-d12	106	%REC			70-130	E525.2	11/18/21 21:28 / eli-b
Surr: Pyrene-d10	110	%REC			70-130	E525.2	11/18/21 21:28 / eli-b
Surr: Triphenylphosphate	111	%REC			70-130	E525.2	11/18/21 21:28 / eli-b

- Note: The federal MCL for total PCB's is 0.5 ug/L as Decachlorobiphenyl (DCB). PCB screening at the reporting limits given for the individual Aroclors meets or exceeds federal and state requirements for "Total PCB" monitoring if Aroclors are not detected.

Report RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C21110454-001

Client Sample ID: Swanson Ranch

Report Date: 11/30/21

PWS #: WY5600045 **Name:** RAWLINS WATER SUPPLY, CITY OF

Collection Date: 11/10/21 08:58

Facility ID: SS01

Date Received: 11/10/21

Sampling Point/Location: SP01 / Swanson Ranch

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/ QCL		Method	Analysis Date / By
				RL	QCL		
SEMI-VOLATILE ORGANIC COMPOUNDS							
2033 Endothall Surr: 2,4-Dichlorophenylacetic acid	ND 91.0	ug/L %REC		8.0 70-130	100 E548.1	E548.1 E548.1	11/18/21 14:11 / eli-b 11/18/21 14:11 / eli-b
PESTICIDES, BY HPLC							
2047 Aldicarb 2044 Aldicarb sulfone 2043 Aldicarb sulfoxide 2021 Carbaryl 2066 3-Hydroxycarbofuran 2046 Carbofuran 2024 Methiocarb 2022 Methomyl 2036 Oxamyl Baygon Surr: BDMC	ND ND ND ND ND ND ND ND ND 115	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L %REC		1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 70-130	3 2 4 1.0 1.0 40 1.0 1.0 1.0 E531.1	E531.1 E531.1 E531.1 E531.1 E531.1 E531.1 E531.1 E531.1 E531.1 E531.1	11/12/21 19:43 / ij i 11/12/21 19:43 / ij i
VOCS BY MICROEXTRACTION-ECD							
2414 1,2,3-Trichloropropane 2931 1,2-Dibromo-3-chloropropane 2946 1,2-Dibromoethane Surr: 1,1,1,2-Tetrachloroethane	ND ND ND 81.0	ug/L ug/L ug/L %REC		0.050 0.020 0.010 70-130	0.2 0.2 0.05 E504.1	E504.1 E504.1 E504.1 E504.1	11/18/21 21:28 / eli-b 11/18/21 21:28 / eli-b 11/18/21 21:28 / eli-b 11/18/21 21:28 / eli-b
HERBICIDES, BY HPLC							
2034 Glyphosate	ND	ug/L		5.0	700	E547	11/12/21 13:40 / ij i
PESTICIDES							
2032 Diquat	ND	ug/L		0.40	20	E549.2	11/15/21 14:15 / ij i
HERBICIDES							
2110 2,4,5-TP (Silvex) 2105 2,4-D 2106 2,4-DB 2031 Dalapon 2440 Dicamba 2206 Dichlorprop 2041 Dinoseb	ND ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L ug/L		0.25 1.0 1.0 2.5 1.0 1.0	50 70 200 E515.4	E515.4 E515.4 E515.4 E515.4 E515.4 E515.4	11/19/21 03:15 / eli-b 11/19/21 03:15 / eli-b

Report RL - Analyte Reporting Limit
Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: City of Rawlins

Lab ID: C21110454-001

Client Sample ID: Swanson Ranch

Report Date: 11/30/21

PWS #: WY5600045 **Name:** RAWLINS WATER SUPPLY, CITY OF

Collection Date: 11/10/21 08:58

Facility ID: SS01

Date Received: 11/10/21

Sampling Point/Location: SP01 / Swanson Ranch

Matrix: Drinking Water

Project ID: WY5600045

Federal ID#: WY00002

Collector's Name: Carly Brown

Contact Phone #: (307) 328-4500

Compliance Sample: YES

Sample Type: RT

FRDS Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
HERBICIDES							
2326 Pentachlorophenol	ND	ug/L		0.10	1	E515.4	11/19/21 03:15 / ell-b
2040 Picloram	ND	ug/L		0.50	500	E515.4	11/19/21 03:15 / ell-b
Surr: 2,4-Dichlorophenoxyacetic acid	102	%REC		70-130		E515.4	11/19/21 03:15 / ell-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

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Rawlins City of > Data Query

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Client Sample ID	Lab Sample ID	Collection Date	Analyte Name	Result	Units	Qualifier	Report Limit	MCL	Method
Gonzales 1205 Daley	CS/460699-001	10/5/2021 5:27:00 AM	Total Asbestos	Open II	MD	MF1	0.18	E106	

Options

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Helena, MT Billings, MT Casper, WY Gillette, WY
 406-442-0711 406-252-6325 307-235-0515 307-686-7175

Monitoring Violations Annual Notice – Template 3-1A

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Monitoring Requirements Not Met for [Water System Name]

Our water system violated drinking water requirements over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we are doing (did) to correct these situations.

"We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During [compliance period] we [did not monitor or test' or 'did not complete all monitoring or testing'] for [contaminant(s)] and therefore cannot be sure of the quality of your drinking water during that time."

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for during the last year, how often we are supposed to sample for [this contaminant/these contaminants], how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When samples should have been taken	When samples were taken
TOCs, VOCs Nitrogen	Annually	0	December 2023	February 14, 2024

What is being done?

[Describe corrective action.] Notified EPA and obtained samples as soon as it was realized samples were not recorded.

For more information, please contact [name of contact] at [phone number] or [mailing address].

Bud Dimicki 307-328-4564

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

This notice is being sent to you by [water system name]. State Water System ID# WY5600045. Date distributed _____.

VOCs, also known as volatile organic compounds, are tested by collecting one sample and testing that sample for all the regulated VOCs. VOCs are commonly used in industrial and manufacturing processes. Regulated VOCs include benzene, carbon tetrachloride, chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, cis-dichloroethane, trans-dichloroethane, dichloromethane, 1,2-dichloropropane, ethylbenzene, styrene, tetrachloroethylene, 1,1,1-trichloroethane, trichloroethylene, toluene, 1,2,4-trichlorobenzene, 1,1-dichloroethylene, 1,1,2-trichloroethane, vinyl chloride, and xylene.

Monitoring and Reporting Violations

Our water system violated drinking water requirements over the past year. Even though these were not emergencies, as our customers you have a right to know what happened and what we are doing (did) to correct this situation.

We are required to monitor your drinking water for specific contaminants, on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During 2022 we did not monitor or test for VOC's and ROOC's, and therefore cannot be sure of the quality of your drinking water during that time.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminants we did not properly test for during the last year: how often we are supposed to sample for VOC's, how many samples were/are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples were taken.

Contaminant	Required sampling frequency	Number of samples taken	When samples should have been taken	When samples were taken
KOC / VOC	Annually	0		
Nitrates-Nitrites	Annually	0	December 2023	February 14, 2024

UCMRS Information for Annual CCRs

Final general language for community water system CCRs that have UCMRS detections:

As part of an on-going evaluation program, the EPA has required us to monitor for some contaminants in drinking water that are not currently regulated.

Under the Fifth Unregulated Contaminant Monitoring Rule (UCMRS), EPA is gathering information on the occurrence of 29 per- and polyfluoroalkyl substances (PFAS) and lithium in drinking water. UCMRS is intended to improve understanding about the presence and quantity of these substances in public drinking water systems, and EPA often does not have full knowledge of the health effects for these unregulated contaminants. The UCMRS data collected on PFAS and lithium from drinking water systems will help the EPA make determinations about future regulations and other actions to protect public health under the Safe Drinking Water Act. The process of developing regulatory standards is careful, deliberative, and data based. Monitoring for contaminants that are not regulated also helps federal, state, and other researchers prioritize studies for health effects information, identify data gaps, and determine the need for future studies to improve our understanding of the possible health risks associated with these contaminants in public drinking water. Information collected through the monitoring of these contaminants will help to ensure that future decisions on drinking water standards are based on sound science. For more information about UCMRS, visit <https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule>.

Final language following the table of quantitative lithium results in CCRs:

Lithium is a naturally occurring metal and may be found at higher concentrations in certain parts of the country, particularly in groundwater sources in arid locations in the Western U.S.

Lithium has been used in pharmaceuticals for a long time to treat certain medical conditions under the care of a physician. Despite the abundance of information on patients receiving lithium at therapeutic levels, there has historically been limited information available to evaluate health risks in people at the levels associated with typical drinking water consumption, which are thought to be much lower than patients prescribed lithium as a therapy. Getting a better understanding of how much environmental lithium the public may be exposed to is one of the reasons the EPA is choosing to monitor for the presence and levels of lithium in drinking water systems around the country.

At present, EPA cannot confidently estimate the risk for people with lithium exposures from drinking water between the UCMRS reporting limit of 9 µg/L (micrograms per liter) and a much higher concentration equivalent to a therapeutic dose. Therapeutic doses of lithium generally range from 600 to 1,200 mg/day (milligrams per day), which would be the equivalent of drinking water containing ≥ 240,000 µg/L lithium. The science on the potential for lithium's effects on human health, and at what levels including those which may be present in the environment, is still evolving.

For more information on lithium, visit <https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule#lithium>.

Review Data | SDWARS

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure µg/L	Status
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	200.7	lithium	20	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	11Cl-PF3OUdS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	4:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	6:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	8:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	9Cl-PF3ONS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	ADONA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	HFPO-DA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	NFDHA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFBS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFDA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFDoA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFEESA	< MRL	PWS/EPA Approved

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure	Status
										µg/L
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFHpA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFHpS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFHxA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFHxS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFMBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFMPA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFNA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFOA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFOS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFPeA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFPeS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE3	Babcock Laboratories, Inc.	108351P	9/28/23	533	PFUnA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	200.7	lithium	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	11Cl-PF3OUdS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	4:2 FTS	< MRL	PWS/EPA Approved

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure	Status
										µg/L
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	6:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	8:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	9CI-PF3ONS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	ADONA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	HFPO-DA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	NFDHA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFBS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFDA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFDoA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFEESA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFHpA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFHpS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFHxA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFHxS	< MRL	PWS/EPA Approved

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure	
									µg/L	Status
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFMBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFMPA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFNA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFOA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFOS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFPeA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFPeS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	533	PFUnA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	537.1	NEtFOSAA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	537.1	NMeFOSAA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	537.1	PFTA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE2	Weck Laboratories, Inc.	105364P	6/20/23	537.1	PFTDA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	200.7	lithium	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	11Cl-PF3OUdS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	4:2 FTS	< MRL	PWS/EPA Approved

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure	
									µg/L	Status
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	6:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	8:2 FTS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	9CI-PF3ONS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	ADONA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	HFPO-DA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	NFDHA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFBS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFDA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFDoA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFEESA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFHpA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFHpS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFHxA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFHxS	< MRL	PWS/EPA Approved

PWS ID	Facility	Sample Point	Sampling Event	Lab	Sample ID	Collection Date	Method	Analyte	Result Measure	Status
										µg/L
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFMBA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFMPA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFNA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFOA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFOS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFPeA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFPeS	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	533	PFUnA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	537.1	NEtFOSAA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	537.1	NMeFOSAA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	537.1	PFTA	< MRL	PWS/EPA Approved
WY5600045	SS01	SP01	SE1	Weck Laboratories, Inc.	102710P	3/21/23	537.1	PFTrDA	< MRL	PWS/EPA Approved

As you can see by the table, our system had slightly high turbidity violations in June and July 2021 and August 18th 2022 because of the excessive water we had to use from the reservoirs and the water line project tie in at our springs. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water IS SAFE at these levels.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring, or manmade. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All 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 the water poses a health risk. For more information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Total Coliform: Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

Nitrates: As a precaution we always notify physicians and health care providers in this area if there is ever a higher-than-normal level of nitrates in the water supply.

Lead: Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Rawlins is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

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.

Thank you for allowing us to continue providing your family with clean, quality water this year. To maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.

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, people who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

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