

**2021 ANNUAL DRINKING WATER QUALITY REPORT**  
**PWSID #: 6610011      NAME: PLUMER WATER COMPANY**

Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda. (This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.)

**WATER SYSTEM INFORMATION:**

This report shows our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact our office at 814-676-2730. We want you to be informed about your water supply. If you want to learn more, please call 814-676-2730 or visit our office at 91 Brook Street, Reno, PA.

**SOURCE(S) OF WATER:**

Our water is purchased from Rouseville Borough, so their report is enclosed.

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).

**MONITORING YOUR WATER:**

We routinely monitor for contaminants in your drinking water according to federal and state laws. The following tables show the results of our monitoring for the period of January 1 to December 31, 2021. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data is from prior years in accordance with the Safe Drinking Water Act. The date has been noted on the sampling results table.

**DEFINITIONS:**

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

Maximum Contaminant Level (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.

Maximum Contaminant Level Goal (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.

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.

Minimum Residual Disinfectant Level (MinRDL) - The minimum level of residual disinfectant required at the entry point to the distribution system.

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.

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.

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

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

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

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

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

ppq = parts per quadrillion, or picograms per liter

ppt = parts per trillion, or nanograms per liter

**DETECTED SAMPLE RESULTS:**

<b>Chemical Contaminants</b>								
<b>Contami nant</b>	<b>MCL in CCR Units</b>	<b>MCLG</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>Units</b>	<b>Sample Date</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Chlorine	MRDL=4	MRDLG=4	1.84	0.70 – 1.84	ppm	12/2021	N	Water additive used to control microbes.
HAA5	60	n/a	<6.0	<6.0	ppb	9/13/2021	N	By-product of drinking water chlorination.
TTHM	80	n/a	3.59	3.59	ppb	9/13/2021	N	By-product of drinking water chlorination.

**DETECTED SAMPLE RESULTS (cont.):**

<b>Lead and Copper</b>							
<b>Contaminant</b>	<b>Action Level (AL)</b>	<b>MCLG</b>	<b>90<sup>th</sup> Percentile Value</b>	<b>Units</b>	<b># of Sites Above AL of Total Sites</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Lead	15	0	0.0	ppb	0	N	Corrosion of household plumbing.
Copper	1.3	1.3	0.851	ppm	0	N	Corrosion of household plumbing.

**OTHER VIOLATIONS:**

There were no violations observations returned for the 2021 year.

**EDUCATIONAL INFORMATION:**

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. Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria, which 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 run-off, 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.

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 and DEP prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA and DEP regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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).

**INFORMATION ABOUT LEAD:**

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

**OTHER INFORMATION:**

Plumer Water Company monitors on a monthly basis for total coliform in the distribution but had no positive samples during 2021.

**Under regulations established by our governing bodies, we are required to be able to contact you as a customer within certain timeframes in case of certain emergencies. In order to accomplish this we require working phone numbers for all customers. If your phone number(s) have changed since you became a customer and you have not notified us of this change, please contact our office at your earliest convenience and notify us of this change.**

**Rouseville Municipal Waterworks**  
**PWSID # 6610028**  
**2021 ANNUAL DRINKING WATER QUALITY REPORT**

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**WATER SYSTEM INFORMATION:**

This report shows our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact our customer service representatives at 814-677-3056, Monday through Friday between the hours of 7:00 AM and 3:30 PM. We want you to be informed about your water supply. If you want to learn more, please attend any of our Borough Council meetings. They are held the second Tuesday of each month at 6:00 PM at the Borough Building, 64 Main Street, Rouseville, PA 16344.

**SOURCES OF WATER:** Our sources of water are Spring #1, Wells #1, and Well #2 located on Route 227 East in the Village of Plumer and Well #5 located on Route 227 East behind the water treatment plant. All are classified as ground water sources.

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).

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**DETECTED SAMPLE RESULTS**

<b>Chemical Contaminants</b>								
<b>Contaminant</b>	<b>MCL</b>	<b>MCLG</b>	<b>Level Detected</b>	<b>Range of Detections</b>	<b>Units</b>	<b>Sample Date</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Chlorine (Distribution)	MRDL = 4	MRDLG = 4	1.32 (December)	0.32-1.32	ppm	2021	N	Water additive used to control microbes.
Haloacetic Acids (HAA)	60	N/A	6.02	N/A	ppb	8/10/21	N	By-product of drinking water disinfection
TTHMs (Total Trihalomethanes)	80	N/A	22.70	N/A	ppb	8/10/21	N	By-product of drinking water disinfection.
Barium	2	2	0.0226	N/A	ppm	12/14/21	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.

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Nickel	Not Regulated	0.10	0.002	N/A	ppb	12/11/18	N	Leaching from metals in contact with drinking water, erosion in the production of steel alloys.

<b>Entry Point Disinfectant Residual</b>							
<b>Contaminant</b>	<b>Minimum Disinfectant Residual</b>	<b>Lowest Level Detected</b>	<b>Range of Detections</b>	<b>Units</b>	<b>Lowest Sample Date</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Chlorine (2021)	0.40	0.42	0.42-3.40	ppm	7/25/21	N	Water additive used to control microbes.

<b>Lead and Copper</b>							
<b>Contaminant</b>	<b>Action Level (AL)</b>	<b>MCLG</b>	<b>90<sup>th</sup> Percentile Value</b>	<b>Units</b>	<b># of Sites Above AL of Total Sites</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Lead (2019)	15	0	0	ppb	0 out of 10	N	Corrosion of household plumbing; Erosion of natural deposits
Copper (2019)	1.3	1.3	0.560	ppm	0 out of 10	N	Corrosion of household plumbing; Erosion of natural deposits; Leaching from wood preservatives.

### **Information about Lead**

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**Violations:** In September, November, and December of 2021 we monitored for Distribution and Entry Point Chlorine but failed to report the results to the PA Department of Environmental Protection (PA DEP) by the required due date due to technical issues with the PA DEP reporting system resulting in monitoring/reporting violations. In 2021 we monitored for Combined Uranium, but our contracted laboratory failed to report the results to the PA Department of Environmental Protection (PA DEP) by the required due date resulting in a monitoring/reporting violation.

### **EDUCATIONAL INFORMATION:**

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