

# 2024 ANNUAL DRINKING WATER QUALITY REPORT

Coudersport Borough Authority PWSID # 6530009

*Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo ó hable con alguien que lo entienda bien.* (This report contains very important information about your drinking water. Translate it 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 Todd Brown at (814) 274-9776. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the 3rd Thursday of the month at 6:30 PM at the Coudersport Borough Maintenance Facility at 46 Damascus Road.

**SOURCE OF WATER:** We have two water treatment plants that are fed by 5 wells, three on the North side (entry point 101) and two on the East side (entry point 102) plus one spring located on the North side in the Catskill Formation.

## **SOURCE WATER ASSESSMENT SUMMARY:**

The Pennsylvania Department of Environmental Protection (DEP) has conducted assessments of potential contaminant threats to the raw water quality of all public drinking water sources as required by the 1996 Safe Drinking Water Act. This Source Water Assessment provides information to support local and state efforts to protect the raw water quality of Coudersport Borough Water Authority's drinking water source. The information pertains to the watershed that provides raw water to the Authority, which is then treated for drinking water use. The assessment pertains to "source water" rather than "tap" water. Five wells and one spring serve as sources of supply for the Coudersport Borough Water System. The water supply is distributed for residential, commercial, and industrial use. Complete reports were distributed to municipalities, water suppliers, local planning agencies and PADEP offices. Copies of the report are available at the PADEP Mansfield office, Records Management Unit at 600 Gateway Drive, Mansfield, PA 16933 (570)-662-0830.

**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:** Coudersport Borough Authority routinely monitors 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, 2024. The State allows us to monitor 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 AND ABBREVIATIONS:**

**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 expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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

**Mrem/year** = millirems per year (a measure of radiation absorbed by the body) **pCi/L** = picocuries per liter (a measure of radioactivity)

**ppt (ng/l)** = parts per trillion, or nanograms per liter

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

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

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

**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.

### ***DETECTED SAMPLE RESULTS***

Chemical Contaminant	MCL	MCLG	Highest Level Detected	Range of Detections	Units	Sample Date	Violation Y/N	Sources of Contamination
Barium	2	2	1.69	0 - 1.69	(ppm)	11/10/21	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chlorine (Distribution)	MRDL =4	MRDLG =4	1.36 (December)	0.60 – 1.36	(ppm)	2024	N	Water additive used to control microbes
Haloacetic Acids (HAA)	60	N/A	3.60	0.00-3.60	(ppb)	8/23/23	N	By-product of drinking water disinfection
Trihalomethanes (TTHM)	80	N/A	17.10	2.40-17.10	(ppb)	8/23/23	N	By-product of drinking water chlorination
Perfluorooctanesulfonic acid (PFOS)	18	14	2.28 (Average of 4 Samples)	1.90-2.60	(ppt)	2024	N	Discharge from manufacturing facilities and runoff from land use activities

#### ***Entry Point Disinfectant Residual***

Contaminant	Minimum Disinfectant Residual	Lowest Level Detected	Range of Detections	Units	Lowest Value Sample Date	Violation Y/N	Sources of Contamination
Chlorine (2024) Entry Point 101	0.40	0.54	0.54 – 2.02	ppm	12/26/24	N	Water additive used to control microbes.
Chlorine (2024) Entry Point 102	0.40	0.60	0.60 – 1.06	ppm	6/30/24	N	Water additive used to control microbes.

#### ***Lead and Copper 2022***

Contaminant	Action Level (AL)	MCLG	90 <sup>th</sup> Percentile Value	Range of Tap Sampling Results	Units	# of Sites Above AL of Total Sites	Violation Y/N	Sources of Contamination
Lead	15	0	1.65	0.522-5.97	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	1.3	1.3	0.237	0.00-0.366	ppm	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives

**Lead:** 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. Coudersport Borough Authority 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 Coudersport Borough at (814) 274-9776. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at. [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

Coudersport Borough Authority prepared a service line inventory that includes the type of material contained in each service line in our distribution system. This inventory can be accessed online by contacting our office at (814) 274-9776.

**Violations:** In 2024 we monitored for Entry Point and Distribution Chlorine in the months of April through December but failed to report the results to the PA Department of Environmental Protection by the required due dates resulting in monitoring/reporting violations.

In 2024 during the 2<sup>nd</sup> quarter, we were required to monitor for the Synthetic Organic Chemical Di(2-Ethylhexyl)Phthalate at Entry point 102 but failed to do so, resulting in a monitoring violation. The sample was taken on 3/19/25 with no detection. We also failed to monitor for Inorganic Chemicals (IOC'S), Gross Alpha emitters, Perfluorooctanoic acid (PFOA) (3rd quarter of 2024), and Perfluorooctanesulfonic acid (PFOS) (3rd quarter of 2024) at entry points 101 and 102, and Total Trihalomethanes and Haloacetic Acids (+ 3 days of August 26, 2024) in the distribution system. Public Notification regarding these violations is enclosed at the end of this report.

### **EDUCATIONAL INFORMATION:**

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 Coudersport Borough Water Authority 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>."

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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, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, 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, 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).

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER FAILURE TO MONITOR

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### Monitoring Requirements Not Met for Coudersport Borough Authority

Our water system violated several drinking water standards in 2024. Even though this was not an emergency, as our customers, you have a right to know what happened and what we 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. In 2024 during the 2<sup>nd</sup> quarter, we were required to monitor for the Synthetic Organic Chemical Di(2-Ethylhexyl)Phthalate at Entry point 102 but failed to do so, resulting in a monitoring violation. We also failed to monitor for Inorganic Chemicals (IOC'S), Gross Alpha emitters, Perfluorooctanoic acid (PFOA) (3rd quarter of 2024), and Perfluorooctanesulfonic acid (PFOS) (3rd quarter of 2024) at entry points 101 and 102, and Total Trihalomethanes and Haloacetic Acids ( $\pm$  3 days of August 26, 2024) in the distribution system and therefore cannot be sure of the quality of our 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 we did not properly test for during the last year, how often we are supposed to sample for Di(2-Ethylhexyl)Phthalate, Inorganic Chemicals (IOC'S), Perfluorooctanoic acid (PFOA), Perfluorooctanesulfonic acid (PFOS), Gross Alpha emitters, Total Trihalomethanes, and Haloacetic Acids, 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 all samples should have been taken	When samples were or will be taken
Di(2-Ethylhexyl)Phthalate	Annually in the 2 <sup>nd</sup> Quarter-Entry Point #102	0	2 <sup>nd</sup> Quarter of 2024	3/19/25 With No Detect
*IOC'S	Every 3 years	0	2024	May 2025
Perfluorooctanoic acid (PFOA)	Quarterly	0	3 <sup>rd</sup> Quarter of 2024	3 <sup>rd</sup> Quarter of 2025
Perfluorooctanesulfonic acid (PFOS)	Quarterly	0	3 <sup>rd</sup> Quarter of 2024	3 <sup>rd</sup> Quarter of 2025
Gross Alpha emitters	Every 9 Years	0	2024	May 2025
Total Trihalomethanes	Annual	0	$\pm$ 3 days of August 26, 2024	$\pm$ 3 days of August 26, 2025
Haloacetic Acids	Annual	0	$\pm$ 3 days of August 26, 2024	$\pm$ 3 days of August 26, 2025

\*IOC'S-Arsenic, Barium, Cadmium, Chromium, Cyanide (Free), Fluoride, Mercury, Nickel, Selenium, Antimony, Beryllium, and Thallium.

**What happened? What was done** In 2024 during the 2<sup>nd</sup> quarter, we were required to monitor for the Synthetic Organic Chemical Di(2-Ethylhexyl)Phthalate at Entry point 102 but failed to do so, resulting in a monitoring violation. We also failed to monitor for Inorganic Chemicals (IOC'S), Gross Alpha emitters, Perfluorooctanoic acid (PFOA) (3rd quarter of 2024), and Perfluorooctanesulfonic acid (PFOS) (3rd quarter of 2024) at entry points 101 and 102, and Total Trihalomethanes and Haloacetic Acids ( $\pm$  3 days of August 26, 2024) in the distribution system.

For more information, please contact Todd Brown at 814-274-9776

*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 from the Coudersport Borough Authority.

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