

2024 ANNUAL DRINKING WATER QUALITY REPORT

Huefner Spring Water

PWSID # 6160039

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 Justin Schmader at (814) 227-4161.

SOURCE OF WATER:

Our source of water is a spring located in Huefner.

SOURCE WATER ASSESSMENT SUMMARY:

A *Source Water Assessment* of our source was completed by the PA Department of Environmental Protection (Pa. DEP). A summary report of the Assessment is available on the *Source Water Assessment & Protection web* page at (<http://www.dep.state.pa.us/dep/deputate/watermgt/wc/Subjects/SrceProt/SourceAssessment/default.htm>). Complete reports were distributed to municipalities, water suppliers, local planning agencies and PADEP offices. Copies of the complete report are available for review at the Pa. DEP Northwest Regional Office, Records Management Unit at (814) 332-6947.

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

Huefner Spring Water 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 - 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.

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)

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

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

DETECTED SAMPLE RESULTS

Chemical Contaminant	MCL in CCR units	MCLG	Highest Level Detected	Range of Detections	Units	Sample Date	Violation Y/N	Sources of Contamination
Barium	2	2	0.0862	N/A	(ppm)	4/3/24	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Cadmium	5	5	0.89	N/A	(ppb)	4/3/24	N	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; Runoff from waste batteries and paints
Nickel	N/A	N/A	0.0262	N/A	(ppm)	4/3/24	N	Leaching from metals in contact with drinking water, erosion in the production of steel alloys.
Nitrate	10	10	0.12	N/A	(ppm)	4/17/24	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Chlorine (Distribution)	MRDL=4	MRDLG=4	0.95 (April 2024)	0.50 – 0.95	(ppm)	2024	N	Water additive used to control microbes

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)	0.40	0.40	0.40 – 2.00	ppm	3/20/24	N	Water additive used to control microbes.

Lead and Copper								
Contaminant	Action Level (AL)	MCLG	90 th Percentile Value	Range of Tap Sampling Results	Units	# of Sites Above AL of Total Sites	Violation Y/N	Sources of Contamination
Lead (2024)	15	0	6.15	0.00-11.0	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (2024)	1.3	1.3	2.417	0.00-6.1	ppm	3 out of 11	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. Huefner Spring Water 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 Huefner Spring Water at 814-227-4161. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at www.epa.gov/safewater/lead.*

Huefner Spring Water 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 by contacting our office at (814) 227-4161.

Violation: We routinely monitor your water for the presence of drinking water contaminants. Testing results we received during the monitoring period of June 1, 2022 Thru September 30, 2022 showed that our system exceeds the Action Level for Copper. The Action Level for Copper is exceeded when the concentration of the contaminant in more than 10% of tap water samples is greater than 1.3 mg/L. Sample results for Copper were found at 1.514 mg/L in more than 10% of tap water samples.

A public water system that exceeds a Copper Action Level ("AL") is required to submit a corrosion control treatment feasibility study within 18 months of the end of the monitoring period in which the AL was exceeded and submit a permit application for corrosion control treatment within 30 months of the end of the monitoring period in which the AL was exceeded. Huefner Spring Water failed to submit a feasibility study and permit application by the respective deadlines. Public Notification was distributed to our customers on 5/5/25.

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, 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 prescribe 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).