

2020 Consumer Confidence Report



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Operator

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We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and 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. Our water source is purchased from the City of Greensburg, which is treated surface water from the Flat Rock River, northwest of the City of Greensburg. Greensburg also uses a ground water source from six wells in the City of Greensburg.

We're very pleased to report that our drinking water is safe and meets Federal and State requirements. If you have any questions regarding this report or concerning your water utility, please contact Roger Kramer at 812.663.3119, by fax at 812.663.4122, or by e-mail at dcrw@etczone.com. We want our valued customers to be informed about their water utility. If you would like to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 5:30 PM at the water office, which is located 3455 N Old US Hwy 421, in Greensburg.

Decatur County Rural Water Corporation routinely monitors for 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, 2020 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.

All sources of drinking water are subject to potential contamination by constituents that are natural occurring or manmade. Those constituents can be micro, organic, or inorganic chemicals, or radioactive materials.

The sources of drinking water (both tap and bottled water) include river, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or throughout the ground, it dissolves naturally occurring minerals and, in some cases, radioactive can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic system, agricultural livestock operation and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm 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 agricultural, storm water runoff, and residential areas.
- Organic chemicals, 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 residential uses.
- Radioactive materials, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. **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.**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as individuals with cancer undergoing chemotherapy, those 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 individuals

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

- | <u>Decatur County Rural Water</u> | | <u>TEST RESULTS</u> | | | <u>PWSID 5216008</u> | |
|-----------------------------------|--------------|---------------------|------------------|-------|----------------------|--|
| Contaminant (units) | Range | Level Detected | Unit Measurement | MCL G | MCL | Likely Source of Contamination |
| <u>INORGANIC CONTAMINANTS</u> | | | | | | |
| Copper 90 TH % Value | | 0.110 | ppm | 1.3 | 1.3 (AL) | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing |
| Lead 90 th % Value | 6.6 | 1.7 | ppb | 15 | 15 (AL) | Corrosion of household plumbing; Erosion of natural deposits |
| <u>DISINFECTION BYPRODUCTS</u> | | | | | | |
| Total Haloacetic Acids (HAA5) | 27.5 to 55.6 | AVG 36.6 | ppb | None | 60 | By-product of drinking water chlorination |
| Total Trihalomethanes | 38.6 to 108 | AVG 75.9 | ppb | None | 80 | Naturally present in the environment |
| <u>Violations</u> | | | | | | |

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<u>Violations</u>						

PWSID 5216002

Unregulated Contaminants

13. Sodium	1 Test	12.5	ppm	None	None	Consumer Information
14. Water Hardness		320 =19 grains	gpg			Moderately Soft- Consumer Information
Gross Alpha excluding radon and uranium						
7-21-2020	0.69	Highest	pCi/L	0	15	Erosion of natural deposits
Violations						
Violation Type			Violation Explanation			
Missed annual sample of IOC, VOC and Nitrate 2020			Missed sample date of Jan1st through Dec. 31 st 2020. Samples collected Feb 4 th 2021 completing 2020 and 2021 sampling requirements.			
Total coliform MCL	1 positive sample		1 Positive sample followed by 3 negative samples upstream and down			