

# 2017 Annual Water Quality Report

## City of Woodward

PWS ID# OK2007701

We are once again pleased to present this year's Annual Water Quality Report. This report is designed to inform our clients of all water testing results between January 1 and December 31, 2017. Our constant goal is to provide a safe and dependable supply of drinking water that meets all state and federal standards. We continually strive to improve water treatment methods and protect our water resources. We are committed to insuring the quality of your drinking water.

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Our source water is groundwater drawn from two well fields. The North well field, located five miles north of town, produces from the North Canadian River Aquifer and has 26 wells. The Southwest well field, located five miles southwest of town, produces from the Ogallala Aquifer and has 39 wells. There are a total of 65 wells that supply Woodward with drinking water. Woodward is required to test for bacteriological and other contaminants that may be present in the drinking water. All measured values were within the required levels. There were no reported violations.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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).

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. The sources of drinking water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up contaminants resulting from animals or human activity: Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that 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 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, 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.

### Abbreviations:

ppm	parts per million, or milligrams per Liter (mg/L)
ppb	parts per billion, or micrograms per Liter ( $\mu\text{g}/\text{L}$ )
pCi/L	picocuries per Liter ( a measure of radioactivity)
Mrem/ yr	Millirems per year ( a measure of radioactivity)
MCLG	Maximum Contaminant Level Goal. The level of contaminant in drinking water below which there is no known or expected risks to health.
MCL	MCLGs allow for a margin of safety.
NA	Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water.
	not applicable

### For More Information

For any questions relating to your drinking water please contact Rick Dryden, Water Superintendent, at (580) 256-2280. More information about contaminants and potential health effects can be obtained by calling the Safe Drinking Water Hotline (800-426-4791). We want our valued customers to be informed about their water. We provide our Annual Water Quality Report on our website at <http://www.cityofwoodward.com/City Government / Reports>.

## 2017 Monitoring Results for Woodward

All test results are for the year 2017 unless otherwise noted