

CLEVELAND WATER WORKS
WSID 3110000
WATER QUALITY REPORT – 2016

We are proud to inform you that the **Cleveland Water Works** had no violations of the water quality parameters during **2015**. Included in this report is information about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. Your water department is committed to providing our community with clean, safe, and reliable drinking. For more information about your water or this report please call Tom Guy 706-865-2017.

Your water comes from The City of Cleveland's four wells located in the crystalline rock aquifer. These wells produce high quality water that is treated with chlorine for disinfection, soda ash for pH adjustment, phosphate for corrosion control, and fluoride for healthy teeth and bones. Your water is also blended with water produced from the Turner Creek Water treatment plant. This water comes from the Turner & Cathy Creek water shed. It is a surface water source. The Turner Creek Water Treatment Plant is a non-conventional water plant that uses micro-floc filtration

Your City Council meets the first and second Mondays of each month at 7.00 p.m. at the City Hall Annex. Your participation or comments are welcome at these meetings.

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 EPA's Safe Drinking Water Hotline (800) 426-4791.

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 lessen the risk of infection by *Cyptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800) 426-4791.

Copper information "Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water-containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor."

Lead Information If present, elevated lead levels can cause serious health problems, especially for pregnant woman and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Cleveland Water Works 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 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, test methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at (www.epa.gov/safewater/lead).

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 before we treat it 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 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 stormwater 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 stormwater 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 prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Your water system is an active participant in the community. Our employees are involved in many civic organizations and are pleased to offer information and speakers to the community on water protection, water treatment, as well as provide tours of our facilities.

The City of Cleveland continues to investigate new water sources to ensure adequate and safe reliable water in the future.

Lead and Copper Monitoring Results

<u>Parameter/units</u>	<u>Action Level</u>	<u>MCLG</u>	Cleveland Water works Results(highest Result)	<u># of sample sites found above the Action Level</u>	<u>Violation No/Yes</u>	<u>Sample Date</u>	<u>Typical Source of Contaminant</u>
Lead (ppm)	15	0	0.0025	0	No	Aug.2013	Corrosion of household plumbing
Copper (ppm)	1.3	1.3	0.140	0	No	Sept. 2013	Corrosion of household plumbing

Microbiological Monitoring Results

<u>Parameter/units</u> (present or absent in sample)	<u>MCL</u>	<u>MCLG</u>	Cleveland Water works Results	<u>Sample Date</u>	<u>Violation No/Yes</u>	<u>Typical Source of Contaminant</u>
Total Coliform Bacteria	1	0	0	2015	No	Naturally present in the environment

The City of Cleveland is committed to always providing safe and dependable water. We ask that all our customers help protect and preserve our water resources for our community today and for the future of our children.

Sincerely,

Tom Guy
Water /Wastewater Supervisor