Important Health Information

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).

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 City of Tulsa 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.

For Water Quality Questions or Concerns:

• Water Quality Assurance (918) 591-4378
• For taste and color concerns or line breaks: Water Emergency dispatcher at (918) 596-9488
• For Billing questions: Customer Service at (918) 596-9511

This report can be found on the internet: https://www.cityoftulsa.org/city-services/water/water-quality.aspx

Tulsa’s Annual Water Quality Report — 2015

Este Informe contiene información importante.
O puede llamar al Centro de Atención al Cliente al (918) 596-2100 para pedir una copia impresa.

Our city’s top priority is to provide clean, good-tasting water to its customers. Tulsa water is safe to drink and free of bacteria and harmful substances. City chemists and plant operators test the water when it enters the pipes at our source water lakes. They continue to monitor the water throughout treatment and distribution. When the water leaves the treatment plant and flows toward Tulsa’s homes and businesses, it not only meets, but surpasses all federal requirements for purity.

Rainwater flows downhill both over the land and under the ground to collect in streams and in our lakes. As water travels through our lakes, it dissolves minerals naturally found in rocks and soil. The water can also pick up harmful materials like pesticides, herbicides and bacteria left in and on the ground after human or animal activity.

Water flows from the source lakes through pipes to Tulsa’s two water treatment plants, where it is purified to meet drinking water and public health standards. City chemists and plant operators analyze over 5,000 samples each year to be sure the water supplied to homes and businesses is of the highest quality. This report is a summary of test results from samples taken during 2014.

The Environmental Protection Agency (EPA) limits how much of a harmful substance is in the public water supply after water treatment. The Food and Drug Administration (FDA) sets similar limits for bottled water.

The Oklahoma Department of Environmental Quality (ODEQ) has studied our source lakes. Their Source Water Assessment showed that human activities could pollute this water. For more information about this study or how the ODEQ works to protect source water, contact ODEQ at (405) 702-8100, or visit their website at www.deq.state.ok.us/wqdnw/sourcewater/index.html.

Which Plant Treats Your Drinking Water?

Water moves through more than 2,200 miles of underground water lines from Tulsa’s treatment plants to water faucets throughout the City of Tulsa. Usually, residents in the north and west portions of Tulsa receive water from the Mohawk plant. Those living in the south and east areas of Tulsa receive water from the A.B. Jewell plant. Both plants serve the central areas of the city. Because of daily changes in supply and demand, both plants can serve all areas of the city when necessary.
City of Tulsa 2014 Water Quality Data

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).

This table shows data for samples collected during 2014 (unless otherwise noted). Analyses made by professionals after water treatment showed that the levels of all contaminants found were much less than the levels that are cause for concern.

*Definitions:
**AL** = Action Level: the concentration of a contaminant which, if exceeded, triggers a treatment or other requirement which a water system must follow

**MCL** = Maximum Contaminant Level: 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.

**MCLG** = Maximum Contaminant Level Goal: the level of contaminant in drinking water below which there is no known or expected health risk

**MRDL** = Maximum Residual Disinfectant Level: the highest level of disinfectant allowed in drinking water

**NTU** = Nephelometric Turbidity Unit

**pCi/L** = picoCurie per liter of water

**s.u.** = Standard Units

**LRAA** = Level of Radiation Absorbed by the Body

**mrem/yr** = millirems per year

**MRDL** = Maximum Contaminant Level Goal

**Likely Source of Contaminants**

- Naturally present in the environment
- Naturally occurring, fertilizers, sewage treatment plants, leaching from septic tanks
- Corrosion of household plumbing systems, erosion of natural deposits
- Decay of natural and man-made mineral deposits
- Water additive to control microbes
- Naturally occurring, aluminum factories
- Naturally occurring, fertilizers, sewage treatment plants, leaching from septic tanks
- Naturally occurring, fertilizers, sewage treatment plants, leaching from septic tanks
- Naturally occurring, irrigation, fertilizers, sewage treatment plants, leaching from septic tanks
- Naturally occurring, urban stormwater runoff or discharge from sewage treatment plants

**ADDITIONAL MONITORING:**

Tulsa was required to participate in Unregulated Contaminant Monitoring (UCMR3) in 2014. Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. The following are those contaminants that were detected during UCMR3 monitoring.

<table>
<thead>
<tr>
<th>Unregulated Contaminants</th>
<th>Average (parts per billion)</th>
<th>Minimum (parts per billion)</th>
<th>Maximum (parts per billion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromochloromethane</td>
<td>0.020</td>
<td>0</td>
<td>0.092</td>
</tr>
<tr>
<td>Chlorate</td>
<td>79.3</td>
<td>0</td>
<td>244</td>
</tr>
<tr>
<td>Hexavalent Chromium</td>
<td>0.011</td>
<td>0</td>
<td>0.055</td>
</tr>
<tr>
<td>Molybdenum</td>
<td>0.14</td>
<td>0</td>
<td>1.1</td>
</tr>
<tr>
<td>Sulfate</td>
<td>157</td>
<td>44.8</td>
<td>362</td>
</tr>
<tr>
<td>Vanadium</td>
<td>0.67</td>
<td>0</td>
<td>1.2</td>
</tr>
</tbody>
</table>

**Data collected September 2010. Monitoring frequency is in compliance with regulation.**

**Data collected August 2013. Monitoring frequency is in compliance with regulation.**