This report is intended to provide you with important information about your drinking water and the efforts made to provide safe drinking water.

Este informe contiene información muy importante. Tradúscalo o pregúntele a alguien que lo entienda bien.

[Translated: This report contains very important information. Translate or ask someone who understands this very well.]

What is the source of my water?
The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and groundwater 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.

Our water comes from the following source(s):

<table>
<thead>
<tr>
<th>Source Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL # 14, WELL # 15, WELL # 16, WELL # 17, WELL # 6, WELL # 7, WELL # 8, WELL # 9, WELL #10, WELL #11, WELL # 1, WELL # 2, WELL # 3</td>
<td>GROUND WATER</td>
</tr>
</tbody>
</table>

How might I become actively involved?
If you would like to observe the decision-making process that affect drinking water quality or if you have any further questions about your drinking water report, please call us at 573-339-6320 to inquire about scheduled meetings or contact persons.

Do I need to take any special precautions?
Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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).

Terms and Abbreviations
Population: 39628. This is the equivalent residential population served including non-bill paying customers.
90th percentile: For Lead and Copper testing, 10% of test results are above this level and 90% are below this level.
AL: Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow.
HAAS: Haloacetic Acids (mono-, di- and tri-chloroacetic acid, and mono- and di-bromoacetic acid) as a group.
LRAA: Locational Running Annual Average, or the locational average of sample analytical results for samples taken during the previous four calendar quarters.
MCLG: Maximum Contaminant Level Goal, or 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.
MCL: Maximum Contaminant Level, or 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.
nd: not applicable.
ntu: Nephelometric Turbidity Unit, used to measure cloudiness in drinking water.
pb: parts per billion or micrograms per liter.
ppt: parts per million or milligrams per liter.
RRA: Running Annual Average, or the average of sample analytical results for samples taken during the previous four calendar quarters.
Range of Results: Shows the lowest and highest levels found during a testing period, if only one sample was taken, then this number equals the Highest Test Result or Highest Value.
SMCL: Secondary Maximum Contaminant Level, or the secondary standards that are non-enforceable guidelines for contaminants and may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply.
TT: Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water.
THM: Total Trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) as a group.
CAPE GIRARDEAU PWS
Public Water System ID Number: MO4010136
2019 Annual Water Quality Report
(Consumer Confidence Report)

Contaminants Report

CAPE GIRARDEAU PWS will provide a printed hard copy of the CCR upon request. To request a copy of this report to be mailed, please call us at 573-339-6320. The CCR can also be found on the internet at www.dnr.mo.gov/ccr/MO4010136.pdf.

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative. No data older than 5 years need be included. If more than one sample is collected during the monitoring period, the Range of Sampled Results will show the lowest and highest tested results. The Highest Test Result, Highest LRAA, or Highest Value must be below the maximum contaminant level (MCL) or the contaminant has exceeded the level of health based standards and a violation is issued to the water system.

Regulated Contaminants

<table>
<thead>
<tr>
<th>Regulated Contaminants</th>
<th>Collection Date</th>
<th>Highest Test Result</th>
<th>Range of Sampled Result(s) (low – high)</th>
<th>Unit</th>
<th>MCL</th>
<th>MCLG</th>
<th>Typical Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARIUM</td>
<td>2/8/2017</td>
<td>0.238</td>
<td>0.148 - 0.238</td>
<td>ppm</td>
<td>2</td>
<td>2</td>
<td>Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits</td>
</tr>
<tr>
<td>FLUORIDE</td>
<td>2/8/2017</td>
<td>0.46</td>
<td>0.19 - 0.46</td>
<td>ppm</td>
<td>4</td>
<td>4</td>
<td>Natural deposits; Water additive which promotes strong teeth</td>
</tr>
<tr>
<td>NITRATE-NITRITE</td>
<td>2/27/2019</td>
<td>0.12</td>
<td>0.045 - 0.12</td>
<td>ppm</td>
<td>10</td>
<td>10</td>
<td>Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits</td>
</tr>
</tbody>
</table>

Disinfection Byproducts

<table>
<thead>
<tr>
<th>Disinfection Byproducts</th>
<th>Sample Point</th>
<th>Monitoring Period</th>
<th>Highest LRAA</th>
<th>Range of Sampled Result(s) (low – high)</th>
<th>Unit</th>
<th>MCL</th>
<th>MCLG</th>
<th>Typical Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTHM</td>
<td>DBPDUAL-01</td>
<td>2019</td>
<td>33</td>
<td>33.2 - 33.2</td>
<td>ppb</td>
<td>80</td>
<td>0</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
<tr>
<td>TTHM</td>
<td>DBPDUAL-02</td>
<td>2019</td>
<td>34</td>
<td>33.5 - 33.5</td>
<td>ppb</td>
<td>80</td>
<td>0</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
</tbody>
</table>

Lead and Copper

<table>
<thead>
<tr>
<th>Lead and Copper</th>
<th>Date</th>
<th>90th Percentile: 90% of your water utility levels were less than</th>
<th>Range of Sampled Results (low – high)</th>
<th>Unit</th>
<th>AL</th>
<th>Sites Over AL</th>
<th>Typical Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPPER</td>
<td>2016-2018</td>
<td>0.113</td>
<td>0.00332 - 0.172</td>
<td>ppm</td>
<td>1.3</td>
<td>0</td>
<td>Corrosion of household plumbing systems</td>
</tr>
<tr>
<td>LEAD</td>
<td>2016-2018</td>
<td>2.66</td>
<td>0 - 5.74</td>
<td>ppb</td>
<td>15</td>
<td>0</td>
<td>Corrosion of household plumbing systems</td>
</tr>
</tbody>
</table>

Violations and Health Effects Information

During the 2019 calendar year, we had the below noted violation(s) of drinking water regulations.

<table>
<thead>
<tr>
<th>Compliance Period</th>
<th>Analyte</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No Violations Occurred in the Calendar Year of 2019</td>
<td></td>
</tr>
</tbody>
</table>

Special Lead and Copper Notice:

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. CAPE GIRARDEAU PWS 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 may 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 (800-426-4791) or at http://water.epa.gov/drink/info/lead/index.cfm.

You can also find sample results for all contaminants from both past and present compliance monitoring online at the Missouri DNR Drinking Water Watch website http://dnr.mo.gov/DWW/indexSearchDNR.jsp. To find Lead and Copper results for your system, type your water system name in the box titled Water System Name and select Find Water Systems at the bottom of the page. The new screen will show you the water system name and number, select and click the Water System Number. At the top of the next page, under the Help column find, Other Chemical Results by Analyte, select and click on it. Scroll down alphabetically to Lead and click the blue Analyte Code (1030). The Lead and Copper locations will be displayed under the heading Sample Comments. Scroll to find your location and click on the Sample No. for the results. If your house was selected by the water system and you assisted in taking a Lead and Copper sample from your home but cannot find your location in the list, please contact CAPE GIRARDEAU PWS for your results.
Optional Monitoring (not required by EPA)

- **ALKALINITY, CACO3 STABILITY**: 2/8/2017, 218, 87.3 - 218 MG/L
- **CALCIUM**: 2/8/2017, 76.6, 27.5 - 76.6 MG/L
- **CHLORIDE**: 2/8/2017, 36, 27.1 - 36 MG/L
- **HARDNESS, CARBONATE**: 2/8/2017, 251, 115 - 251 MG/L
- **IRON**: 2/8/2017, 0.0104, 0 - 0.0104 MG/L
- **MAGNESIUM**: 2/8/2017, 14.6, 11.2 - 14.6 MG/L
- **PH**: 2/8/2017, 7.86, 7.36 - 7.86 PH
- **POTASSIUM**: 2/8/2017, 2.17, 1.65 - 2.17 MG/L
- **SODIUM**: 2/8/2017, 22.6, 19.5 - 22.6 MG/L
- **SULFATE**: 2/8/2017, 53.7, 46.9 - 53.7 MG/L
- **TDS**: 2/8/2017, 356, 210 - 356 MG/L
- **ZINC**: 2/8/2017, 0.0109, 0 - 0.0109 MG/L

Secondary standards are non-enforceable guidelines for contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply.