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

Attention!
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):**
Our drinking water is supplied from another water system through a Consecutive Connection (CC). To find out more about our drinking water sources and additional chemical sampling results, please contact our office at the number provided below.

<table>
<thead>
<tr>
<th>Buyer Name</th>
<th>Seller Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAYETTE PWS</td>
<td>HOWARD COUNTY REGIONAL WATER COMM</td>
</tr>
</tbody>
</table>

**Source Water Assessment**
The Department of Natural Resources conducted a source water assessment to determine the susceptibility of our water source to potential contaminants. This process involved the establishment of source water area delineations for each well or surface water intake and then a contaminant inventory was performed within those delineated areas to assess potential threats to each source. Assessment maps and summary information sheets are available on the internet at [https://drinkingwater.missouri.edu](https://drinkingwater.missouri.edu). The Missouri Source Water Protection and Assessment maps and information sheets provide a foundation upon which a more comprehensive source water protection plan can be developed.

**Why are there contaminants in my water?**
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).

Contaminants that may be present in source water include:

A. **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
B. **Inorganic contaminants**, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.
C. **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
D. **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
E. **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, the Department of Natural Resources prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Department of Health regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

**Is our water system meeting other rules that govern our operations?**
The Missouri Department of Natural Resources regulates our water system and requires us to test our water on a regular basis to ensure its safety. Our system has been assigned the identification number MO2010271 for the purposes of tracking our test results. Last year, we tested for a variety of contaminants. The detectable results of these tests are on the following pages of this report. Any violations of state requirements or standards will be further explained later in this report.

**How might I become actively involved?**

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March 13, 2023
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>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>(HAA5)</td>
<td>DBPDUAL-01</td>
<td>2022</td>
<td>6</td>
<td>3.01 - 10.9</td>
<td>ppb</td>
<td>60</td>
<td>0</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
<tr>
<td>(HAA5)</td>
<td>DBPDUAL-02</td>
<td>2022</td>
<td>8</td>
<td>5.53 - 7.84</td>
<td>ppb</td>
<td>60</td>
<td>0</td>
<td>Byproduct of drinking water disinfection</td>
</tr>
<tr>
<td>TTHM</td>
<td>DBPDUAL-01</td>
<td>2022</td>
<td>59</td>
<td>47.5 - 71.2</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>2022</td>
<td>79</td>
<td>43.1 - 112</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>2019 - 2021</td>
<td>0.00763</td>
<td>0.00158 - 0.00957</td>
<td>ppm</td>
<td>1.3</td>
<td>0</td>
<td>Corrosion of household plumbing systems</td>
</tr>
<tr>
<td>LEAD</td>
<td>2019 - 2021</td>
<td>2.36</td>
<td>1.47 - 2.49</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 2022 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>7/1/2022 - 11/30/2022</td>
<td>CONSUMER CONFIDENCE RULE</td>
<td>CCR ADEQUACY/AVAILABILITY/CONTENT</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. FAYETTE 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 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 (800-426-4791) or at http://water.epa.gov/drink/info/lead/index.cfm.

All contaminant sample results from past and present compliance monitoring are available online at the Missouri DNR Drinking Water Watch website at www.dnr.mo.gov/DWW/. To see the Lead and Copper results, enter your water system’s name in the box titled Water System Name, then select Find Water Systems at the bottom of the page. On the next screen, click on the Water System Number. At the top of the next page, under the Help column, click on Other Chemical Results by Analyte. Scroll down to Lead and click the blue Analyte Code (1030). A Sample Collection Date range may need to be entered. 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 results. If you assisted the water system in taking a Lead and Copper sample but cannot find your location on the list, please contact FAYETTE PWS for your results.

### Reseller Contaminants

<table>
<thead>
<tr>
<th>Regulated Contaminants</th>
<th>Collection Date</th>
<th>Water System</th>
<th>Highest Sample 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>4/23/2020</td>
<td>HOWARD COUNTY REGIONAL WATER COMM</td>
<td>0.056</td>
<td>0.056</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>4/23/2020</td>
<td>HOWARD COUNTY REGIONAL WATER COMM</td>
<td>0.19</td>
<td>0.19</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>4/8/2022</td>
<td>HOWARD COUNTY REGIONAL WATER COMM</td>
<td>0.027</td>
<td>0.027</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>
FAYETTE PWS
Public Water System ID Number: MO2010271
2022 Annual Water Quality Report
(Consumer Confidence Report)

Disinfection Byproducts | Monitoring Period | Water System | Highest LRAA | Range of Sampled Result(s) (low – high) | Unit | MCL | MCLG | Typical Source
--- | --- | --- | --- | --- | --- | --- | --- | ---
(HAA5) | 2022 | HOWARD COUNTY REGIONAL WATER COMM | 5 | 2.62 - 6.23 | ppb | 60 | 0 | Byproduct of drinking water disinfection
TTHM | 2022 | HOWARD COUNTY REGIONAL WATER COMM | 48 | 13.3 - 56.3 | ppb | 80 | 0 | Byproduct of drinking water disinfection

Reseller Violations and Health Effects Information
During the 2022 calendar year, the water system(s) that we purchase water from had the below noted violation(s) of drinking water regulations.

There are no additional required health effects notices.

Optional Monitoring (not required by EPA)
Optional Contaminants

Reseller Secondary Contaminants | Collection Date | Water System Name | Highest Sampled Result | Range of Sampled Result(s) (low - high) | Unit | SMCL
--- | --- | --- | --- | --- | --- | ---
ALKALINITY, CACO3 STABILITY | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 140 | 140 | MG/L
CALCIUM | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 15 | 15 | MG/L
CHLORIDE | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 84.6 | 84.6 | MG/L
HARDNESS, CARBONATE | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 83.8 | 83.8 | MG/L
IRON | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 0.00896 | 0.00896 | MG/L
MAGNESIUM | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 11.3 | 11.3 | MG/L
PH | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 8.19 | 8.19 | PH
SODIUM | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 49.3 | 49.3 | MG/L
SULFATE | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 29 | 29 | MG/L
TDS | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 261 | 261 | MG/L
ZINC | 4/23/2020 | HOWARD COUNTY REGIONAL WATER COMM | 0.00194 | 0.00194 | MG/L

March 13, 2023