ARVADA'S RAW WATER SOURCE

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This information about drinking water includes basic information about the City's drinking water program and the sources of the City's drinking water. This information is based on the best information available to the City. It is the City's policy to provide you with information regarding the quality of our drinking water, including information about sources of contamination, potential health effects, and other factors that may affect the quality of the water. The information is intended to be used by you as a guide in making decisions about your water usage. The City cannot guarantee that the water will be free of all contaminants. However, the City is committed to providing you with the highest quality drinking water possible. The City is committed to providing you with the highest quality drinking water possible.
In order to ensure that the water supply is safe to drink, the City of Arvada is required to submit an Annual Water Quality Report to the State Department of Public Health and Environment. This report is based on State Public Health rules regulations and incorporates all of the current standard methods for analyzing water. Public health, safety, and the environment are always considered in the selection of tests. The City does its best to ensure that residents will not be exposed to any contaminants in their water supply.

The City of Arvada is committed to providing you with the highest quality water at the lowest possible cost, protecting public health to the utmost of our ability. We rely on Arvada’s water system operated without any type of violation, variance, or exemption concerning drinking water quality. We always strive to provide our customers with a high quality product at the lowest possible cost, protecting public health to the utmost of our ability.

PUBLIC NOTIFICATION

A public notification is a Federal requirement for public water systems via direct mail or in the water bill notification. If you do not receive a notification, you may be at risk for an exceedance of a contaminant that the EPA considers to be a public health concern. The City of Arvada, however, is committed to providing high-quality drinking water, which is monitored and reported regularly.

CROSS-CONNECTION CONTROL AND BACKFLOW PREVENTION

The City requires backflow prevention assemblies to be installed at specific locations in the system. The assemblies must be inspected and tested annually by a certified technician. To prevent backflow in plumbing systems, City regulations require backflow prevention assemblies to be installed at specific locations in the system. The assemblies must be inspected and tested annually by a certified technician.

WHAT ARE WATERSHEDS?

A watershed is a parcel of land that drains into a river or stream. Watersheds are important because they help determine the quality of the water that flows downstream. The quality of the water that flows downstream can be affected by pollution, erosion, and other human activities. In order to protect the quality of our drinking water, the City of Arvada is committed to protecting our watersheds.

Potential sources of contamination in our source water include EPA sites, permitted wastewater discharge sites, storage tank and mine sites, as well as various types of land use sites.

WHAT ABOUT WATER CONSERVATION?

We can all contribute to conserving water in our daily lives. By trying to not waste water at home, work, or school, we can help conserve water and reduce water and sewer bills. Conserving water also cuts water and sewer bills.

Some people may wonder about the quality of water resources by disposing of hazardous household waste, solid waste, or other materials at illegal disposal sites. It is very important to protect and conserve our water resources to help keep down the cost of providing water and wastewater services. The City of Arvada is committed to providing high-quality drinking water, which is monitored and reported regularly.

WHAT ABOUT YOUR WATER DEPARTMENT AND WATER QUALITY ISSUES?

If you are interested in learning more about your water department and water quality issues, information is available from the City’s website, KATV - Channel 8, local newspapers, or by contacting any of the organizations listed. For more information about water quality issues, please visit the City’s website.

The City of Arvada is committed to providing high-quality drinking water, which is monitored and reported regularly. We strive to provide our customers with a high quality product at the lowest possible cost, protecting public health to the utmost of our ability.
ARVADA'S RAW WATER SOURCE

Rivers, lakes, streams, and ground water are some of the sources for drinking water. In Jefferson County, Colorado, Arvada's drinking water comes from two surface water sources: the Denver Water Department's Moffat System and Arvada's East River watershed. Arvada's East River watershed includes the parcel of land above Arvada, unincorporated Jefferson County, the City of Westminster, and the Town of Idaho Springs. This integrated watershed extends on a north-south axis across the eastern part of the Front Range and is surrounded by the ridgertops and high ground that direct the flow of water downhill toward the river in the valley below. This downward gravity flow of water also carries with it the effects of human activities throughout the watershed.

ARVADA'S WATER SYSTEM

A water utility is a public service that provides a continuous supply of clean, safe water. In the City of Arvada, Colorado, the Arvada Water System includes the surface water sources, water source diversions, storage facilities, water treatment plants, water treatment processes, pipelines, valves, fire hydrants, and water meters. The City of Arvada provides drinking water to its customers through the Arvada Water System.

ARVADA'S WATER UTILITIES

In the City of Arvada, the Arvada Water System is responsible for providing a continuous supply of clean, safe water to its customers. The City of Arvada provides drinking water to its customers through the Arvada Water System.

ARVADA'S WATER SERVICES

The City of Arvada provides water services to its customers through the Arvada Water System. The City of Arvada provides water services to its customers through the Arvada Water System.

ARVADA'S WATER QUALITY

The City of Arvada provides water quality to its customers through the Arvada Water System. The City of Arvada provides water quality to its customers through the Arvada Water System.

ARVADA'S WATER CONSERVATION

The City of Arvada provides water conservation to its customers through the Arvada Water System. The City of Arvada provides water conservation to its customers through the Arvada Water System.

ARVADA'S WATER REUSE

The City of Arvada provides water reuse to its customers through the Arvada Water System. The City of Arvada provides water reuse to its customers through the Arvada Water System.

ARVADA'S WATER INTEGRITY

The City of Arvada provides water integrity to its customers through the Arvada Water System. The City of Arvada provides water integrity to its customers through the Arvada Water System.

ARVADA'S WATER SAFETY

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ARVADA'S WATER ADMINISTRATION

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ARVADA'S WATER FINANCIAL

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### Organic Chemicals - Total Trihalomethanes (THMs) and Haloacetic Acids (HAAs)

These compounds can form during chlorination of water with natural organic material in the water. Some THMs and HAAs are thought to be cancer-causing agents at certain levels. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys or central nervous systems, and may have an increased risk of getting cancer.

<table>
<thead>
<tr>
<th>Chemical Compound</th>
<th>MCLG</th>
<th>MCL</th>
<th>Action Level</th>
<th>THM5</th>
<th>HAAS/5</th>
<th>Action Level</th>
<th>THM5</th>
<th>HAAS/5</th>
<th>MCL</th>
<th>MRDLG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromoform (ppm)</td>
<td>0.006</td>
<td>0.01</td>
<td>0.006</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chloroform (ppm)</td>
<td>0.006</td>
<td>0.01</td>
<td>0.006</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total THM (ppm)</td>
<td>0.06</td>
<td>0.10</td>
<td>0.06</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total HAAs (ppm)</td>
<td>0.06</td>
<td>0.10</td>
<td>0.06</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Non-Regulated Secondary Compounds

Organic Carbon (mg/l)

<table>
<thead>
<tr>
<th>Chemical</th>
<th>MCLG</th>
<th>MCL</th>
<th>Action Level</th>
<th>Ratio</th>
<th>MRDLG</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOC</td>
<td>1.0</td>
<td>0.25</td>
<td>1.00</td>
<td>100%</td>
<td>0.25</td>
</tr>
</tbody>
</table>

### Radon

Radon is a radioactive gas that you cannot see, taste, or smell. It is found in almost every type of soil and water. High levels may be found in basements and on the ground floor of houses. Samples of the city's filtered water must be tested for radon by EPA-certified laboratories. Results are reported as a concentration of radon in picocuries per liter (pCi/L). If your home has high levels of radon, it can be fixed. Fixing the problem is relatively inexpensive.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>MCLG</th>
<th>MCL</th>
<th>Action Level</th>
<th>Ratio</th>
<th>MRDLG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radon</td>
<td>400</td>
<td>15</td>
<td>150</td>
<td>100%</td>
<td>15</td>
</tr>
</tbody>
</table>

### Cryptosporidium

Cryptosporidium is a microscopic organism that, when ingested, can result in diarrhea, fever and other gastrointestinal symptoms. The City of Arvada has tested for Cryptosporidium in both raw water and treated water since 1994 and has never detected it in the water. The organism exists in all of Colorado’s rivers and streams and comes from surface water in the watershed. Cryptosporidium is demonstrated to be effective in removing Cryptosporidium from the water. Water Plant personnel routinely perform over 95,292 bench tests annually and monitor continuous analytical readings to ensure safe drinking water before it enters the distribution system that delivers the water to your home or business. Both the Ralston and the Arvada/Blunn Water Treatment Plants are the “first line of defense” when it comes to water quality, ensuring that all your water is as clean and safe as possible.

### Water System Operations Division

- More than 570 miles of distribution mains
- 10,121 water service connections
- 3,400 active customers
- 10 water meters
- 10 water storage tanks
- 1,200 lateral service connections
- 10,121 lateral service connections

### Water System Operations Division - Ralston Water Treatment Plant

- Plant tour please call 720.898.7820
- Water quality parameters are tested every hour by Skilled Electro-Mechanical Technicians maintain, repair, and/or replace components necessary for the proper operation of the Water Treatment Plants. Water Plant personnel perform over 10,121 water service connections and interpretation of the water quality parameters. The Division is on call 24 hours by a water system technician ensures that your service is interrupted and efficient.

### Water System Operations Division - Arvada Water Treatment Plant

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