Drinking Water Quality Report for Calendar Year 2015

We are pleased to present to you this year’s water quality report. Our constant goal is to provide you with a safe and dependable supply of drinking water.

Berthoud provides high quality water for you!

Where does our water come from?

**Source Water Assessment and Protection (SWAP)**

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**Source Water Assessment and Protection (SWAP)**

The Colorado Department of Public Health and Environment has provided us with a Source Water Assessment Report for our water supply. For general information or to obtain a copy of the report please visit [wqcdcompliance.com/ccr](http://wqcdcompliance.com/ccr). The report is located under “Source Water Assessment Reports”, and then “Assessment Report by County”. Select LARIMER County and find 135138; BERTHOUD TOWN OF or by contacting MICHAEL HART at 970-532-2643. The Source Water Assessment Report provides a screening-level evaluation of potential contamination that could occur. It does not mean that the contamination has or will occur. We can use this information to evaluate the need to improve our current water treatment capabilities and prepare for future contamination threats. This can help ensure that quality finished water is delivered to your homes. In addition, the source water assessment results provide a starting point for developing a source water protection plan.

**Potential sources of contamination in our source water area**

- EPA Hazardous Waste Generators
- EPA Chemical Inventory/Storage Sites
- EPA Toxic Release Inventory Sites
- Permitted Wastewater Discharge Sites
- Aboveground, Underground and Leaking Storage Tank Sites
- Solid Waste Sites
- Existing/Abandoned Mine Sites
- Other Facilities
- Commercial/Industrial/Transportation
- Low Intensity Residential
- Urban Recreational Grasses
- Row Crops
- Fallow
- Small Grains
- Pasture/Hay
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Septic Systems
- Oil/Gas Wells
- Road Miles

**TOWN OF BERTHOUD**

328 Massachusetts Avenue
P.O. Box 1229, Berthoud, CO 80513

**PURCHASE WATER FROM LITTLE THOMPSON (Consecutive Connection)**

**Surface Water**

- CARTER LAKE (Intake)
- BERTHOUD RESERVOIR (Intake)

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Public Water System ID: CO0135138

Esta es información importante. Si no la pueden leer, necesitan que alguien se la traduzca.
Violations, Significant Deficiencies, and Formal Enforcement Actions

Also during this time, the plant Superintendent and another plant operator quit and another one was on extended sick leave. This shortage in staff was also the reason for the computers to properly shut down the plant when the levels were below the limitation.

(HSP) that delivers treated water to some residents as well as to the 3.0 million gallon storage tank. During the months of February, March and April there were a few occasions contaminants.

Note: If any violation relates to failing to install adequate filtration or disinfection equipment or processes, or have had a failure of such equipment or processes then the water treatment plant may be required to take additional actions to bring a non-compliant water system back into compliance.

Non-Compliance Violation Information

Note: If any violation relates to failing to install adequate filtration or disinfection equipment or processes, or have had a failure of such equipment or processes then the water treatment plant may be required to take additional actions to bring a non-compliant water system back into compliance.

Terms and Abbreviations

Maximum Contaminant Level (MCL): The highest level of a contaminant allowed in drinking water.

Treatment Techniques (TT): A required process intended to reduce a specific contaminant or group of contaminants in drinking water.

Terms and Abbreviations

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Violations (No Abbreviation): Failure to meet a Colorado Primary Drinking Water Regulation.

Notice and Follow-Up: The Colorado Department of Public Health and Environment, through the Water Quality Control Division, may request that water systems provide information on the contaminants detected in the last round of monitoring. If no tables appear in this section then no contaminants were detected in the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last 5 years appear in this report.

General Information

All drinking water, including bottled water, may reasonably be expected to contain low levels of some contaminants. The presence of these contaminants does not necessarily indicate that the 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 (1-800-426-4791) or by visiting http://www.epa.gov/drink/contaminants. Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-suppressed persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, pregnant women, or persons with immune system disorders, can be particularly at risk of infections and illnesses. These people should ask their physician or other health professional for specific advice on additional things they may want to do to minimize exposure to contaminants in their water. Personal decisions on the basis of information presented here may vary for reasons of taste, cost, or other factors. You may wish to have your water tested. When your water has been sitting for several hours, you can minimize the potential for lead leaching by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. Additional information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at http://www.epa.gov/lead.

Detected Contaminants

BERTHOUD TOWN OF routinely monitors for contaminants in your drinking water according to the Colorado Department of Public Health and Environment prescriptive regulations limiting the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

Lead and Copper Sampled in the Distribution System

<table>
<thead>
<tr>
<th>Contaminant Name</th>
<th>Time Period</th>
<th>90th Percentile</th>
<th>Sample Size</th>
<th>Unit of Measure</th>
<th>90th Percentile AL Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>11/11/2015 - 12/31/2015</td>
<td>0.03</td>
<td>ppm</td>
<td>5.0</td>
<td>No</td>
</tr>
<tr>
<td>Lead</td>
<td>08/01/2015 - 09/30/2015</td>
<td>0.04</td>
<td>ppm</td>
<td>0.05</td>
<td>No</td>
</tr>
<tr>
<td>Copper</td>
<td>08/01/2015 - 09/30/2015</td>
<td>0.05</td>
<td>ppm</td>
<td>1.3</td>
<td>No</td>
</tr>
</tbody>
</table>

Disinfectant Byproducts Sampled in the Distribution System

<table>
<thead>
<tr>
<th>Contaminant Name</th>
<th>Year</th>
<th>Average Range</th>
<th>Low - High</th>
<th>Sample Size</th>
<th>Unit of Measure</th>
<th>MCL</th>
<th>MCLG</th>
<th>MCL Violation</th>
<th>Typical Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Halocarbons (HACs)</td>
<td>2011</td>
<td>0.04 to 0.06</td>
<td>0.04</td>
<td>52</td>
<td>µg/L</td>
<td>Not Applicable (N/A)</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Total Threonine (TTHM)</td>
<td>2011</td>
<td>3.5 to 7.91</td>
<td>3.5</td>
<td>52</td>
<td>µg/L</td>
<td>0.4</td>
<td>0.4</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Total Organic Carbon Precursor Removal Ratio of Raw and Finished Water

<table>
<thead>
<tr>
<th>Contaminant Name</th>
<th>Year</th>
<th>Average Range</th>
<th>Low - High</th>
<th>Sample Size</th>
<th>Unit of Measure</th>
<th>TT Minimum</th>
<th>TT Violation</th>
<th>Typical Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Organic Carbon</td>
<td>2011</td>
<td>0.99</td>
<td>0.14 to 3.19</td>
<td>11</td>
<td>ppm</td>
<td>0</td>
<td>No</td>
<td>Naturally present in the environment</td>
</tr>
</tbody>
</table>

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