EDUCATIONAL INFORMATION

1. Drinking Water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of 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 EPA’s Safe Drinking Water Hotline (1-800-426-4791) or visit the U.S. EPA website at www.epa.gov/safewater.

2. Some people may be more vulnerable to contaminants in drinking water then the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons immune-suppressed due to 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 (1-800-426-4791).

3. The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and 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. The following table lists all the drinking water contaminants that we detected during 2016 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk.

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>MCL</th>
<th>MCLG</th>
<th>Water Sample Date</th>
<th>Range</th>
<th>Violation Yes / No</th>
<th>Typical Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium (ppm)</td>
<td>2</td>
<td>2</td>
<td>0.20</td>
<td>8/18/2016</td>
<td>N/A</td>
<td>NO</td>
</tr>
<tr>
<td>Arsenic (ppb)</td>
<td>10</td>
<td>0</td>
<td>2.4</td>
<td>8/18/2016</td>
<td>N/A</td>
<td>NO</td>
</tr>
<tr>
<td>Fluoride (ppm)</td>
<td>4</td>
<td>4</td>
<td>0.46</td>
<td>8/18/2016</td>
<td>N/A</td>
<td>NO</td>
</tr>
</tbody>
</table>

### Distribution Monitoring Data

<table>
<thead>
<tr>
<th>Chlorine Residual Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRDL</td>
</tr>
<tr>
<td>4 (ppm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Subject to AL</th>
<th>AL</th>
<th>MCLG</th>
<th>90% of Samples ≤ This Level</th>
<th>Sample Date</th>
<th>Number of Samples Above AL</th>
<th>Violation Yes / No</th>
<th>Typical Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper (ppb)</td>
<td>1300</td>
<td>1300</td>
<td>278</td>
<td>8/31/2011</td>
<td>0**</td>
<td>NO</td>
<td>Corrosion of household plumbing systems</td>
<td></td>
</tr>
<tr>
<td>Lead (ppb)**</td>
<td>15</td>
<td>0</td>
<td>1.29</td>
<td>8/11/2015</td>
<td>0**</td>
<td>NO</td>
<td>Corrosion of household plumbing systems</td>
<td></td>
</tr>
</tbody>
</table>

** A total of 24 sampling sites were sampled.

Terms and abbreviations used below:

- **AL** – Action Level is a level of a contaminant if exceeded triggers treatment of the drinking water or other requirement.
- **MCL** – Maximum Contaminant Level or the maximum level of a contaminant or chemical allowed in drinking water.
- **MCLG** – Maximum Contaminant Level Goal or the ideal level of a contaminant or chemical to be present in drinking water.
- **MRDL** – Maximum Residual Disinfectant Level or the highest level of disinfectant allowed in drinking water.
- **MRDLG** – Maximum Residual Disinfectant Level Goal or the ideal level of disinfectant in drinking water.
- **N/A** – Not applicable.
- **NO** – Not detected.
- ppm – Part per million; mg/L – Milligram per liter
- ppb – Part per billion; pg/L – Picogram per liter
- **PEAS** – Perfluorooalkyl Substances
- **PPT** – Part per Trillion
- **TT** – Treatment Technique

Unless otherwise noted, the data presented in this table is from testing done January 1 — December 31, 2017. The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. All of the data is representative of the water quality, but some is more than one year old.
Source Water for the City of Allegan

The source water for the City of Allegan comes from 4 Ground Water Production Wells. The three primary 85 feet deep production wells are located next to the City of Allegan Water Plant. The emergency backup well is also located in the city of Allegan. The State of Michigan Dept. of Environmental Quality has performed an assessment of the Cities source water. The source water of The City of Allegan has been rated as "Highly Susceptible to Potential Contaminants". There are no significant levels of contamination in the source water now. The source water has been extensively monitored for over forty years and no significant levels of contamination have been discovered. The susceptibility rating is on a seven-tiered scale from "very-low" to "very-high" based primarily on geologic sensitivity, water chemistry and contaminant sources. The susceptibility of our source is "High". If you would like to receive a complete copy of the results, please contact the number at the end of this report.

The "high susceptibility to contamination rating" is due to Hydro-Geologic factors and potential contamination sites in and in close proximity to the "Well Head Protection Area". The City of Allegan has implemented a "Well Head Area Protection Plan".

Per- and Polyfluoroalkyl Substances (PFAS)

In March 2018, the City tested for per- and polyfluoroalkyl substances (PFAS). PFAS are a group of man-made chemicals that have been manufactured and used in a variety of industries around the globe, including the United States since the 1940’s. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body - meaning they don’t break down and they can accumulate over time. EPA has established a health advisory for the combined concentration of PFOA and PFOS of 70 parts per trillion. They City’s test found no detectable concentrations of 21 different PFAS compounds, including PFOA and PFOS, in any of the three City production wells.

City Water Treatment System

The City of Allegan Water System is committed to providing residents with a safe and reliable supply of high quality drinking water. In 2011 the city replaced our old lime softening plant with a modern reverse osmosis and iron removal process. The changes also included raising the elevation of the water treatment plant above the 500 year floodplain and adding a standby generator, increasing the reliability of our water supply.

Chlorine is added as a disinfectant to protect the drinking water from microbial contamination. Fluoride is added to promote healthier teeth and bone development. The water is monitored and tested throughout the process from raw ground water to treated water at the Water Treatment Plant and finally the drinking water out of the customer’s tap. Allegan drinking water meets all state and federal regulations and standards for safety, quality, and appearance. This annual "Consumers Confidence Report" is required by the Safe Drinking Water Act of the Federal Government. The purpose of this report is to inform the public about the safety of Allegan's drinking water and source water, general information of concern about drinking water, and where to get more specific information concerning drinking water.

Public Participation

We encourage public interest and participation in our community's decisions affecting drinking water. City Council meetings occur on the second and fourth Mondays of each month, 7:00 p.m. at the Griswold Bldg., on Hubbard St., Allegan, MI. For more information regarding Allegan's drinking water or this report call Joseph Wilson at 269-686-1116.

To see the Report online, go to http://www.cityofallegan.org/reports/WaterQuality.pdf