Dear Residents,

This year, as in years past, your tap water met all USEPA and Illinois EPA (IEPA) drinking water health standards. The Village vigilantly safeguards its water supply, and we are able to report that Harwood Heights had no violations of a contaminant level or any other water quality standards in the year 2017. This report covers January 2017 through December 2017, and summarizes the quality of water that was provided last year, including where your water comes from, what it contains and how it compares to standards set by regulatory agencies.

Much effort goes into ensuring that you and your family get an abundant supply of clean, fresh water from Lake Michigan. The Harwood Heights Water Department will be making some improvements in its distribution system in the near future and we hope this will add to the integrity of the system as a whole.

Arlene Jezierny
Mayor
Marcia Pollowy, Village Clerk
Trustees: Jeffrey Rasche, Anna Wegrecki, Annette Volpe, Therese Schuepfer, Lawrence Steiner, Giuseppe S. Zerillo

Village of Harwood Heights
Keeping you informed on water quality in your community

June 2018
Water Quality Report

Water Conservation Tips
Water conservation measures not only save the supply of our water source, but can also cut the cost of water treatment by saving energy. Here are some conservation measures you can take:

At Home:
- Fix leaking faucets, pipes, toilets, etc.
- Install water-saving devices in faucets, toilets and appliances.
- Wash only full loads of laundry.
- Don’t use the toilet for trash disposal.
- Don’t let the water run while shaving, washing, or brushing teeth.
- Run the dishwasher only when full.

Outdoors:
- Water the lawn and garden as little as possible.
- Choose plants that don’t need much water.
- Repair leaks in faucets and hoses.
- Use water from bucket to wash your car, and save the hose for rinsing.
- Obey any and all water bans or regulations.

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**Village of Harwood Heights**

**Regulated Contaminants Detected in 2017 (collected in 2017 unless noted)**

### Water Quality Data Table Footnotes

**TURBIDITY**
- Turbidity is a measure of the cloudiness of the water.
- We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

**SODIUM**
- There is not a state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials that are concerned about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about this level of sodium in the water.

**UNREGULATED CONTAMINANTS:**
- A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language. The purpose for monitoring this contaminant is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water, and whether future regulation is warranted.

**Fluoride**
- Fluoride is added to the water supply to help promote strong teeth. The Illinois Department of Public Health recommends an optimal fluoride range of 0.9 mg/l to 1.2 mg/l.

### VILLAGE OF HARWOOD HEIGHTS

**Frequently asked questions**

**What causes the “musty” taste and odor in drinking water?**
- The earthy, musty taste and odor of the drinking water is the result of compounds produced by blue-green algae and other vegetation found in Lake Michigan. Taste and odors may be more noticeable when the lake water gets warmer. Refrigerating the water will minimize the taste and odors. The presence of taste and odors does not affect the safety of the drinking water.

**What if my water has a strong chlorine smell?**
- At times, especially during the summer, the chlorine smell may appear stronger than what is experienced at other times of the year because compounds are released from warm water more easily. Refrigerating the water will minimize the chlorine smell.

**Why is the water sometimes cloudy?**
- Increased levels of dissolved oxygen in colder water causes this to happen. During the winter months, water may appear “cloudy” when drawn from the tap. The water will clear from the bottom up as it warms.

**What is the cause for low water pressure?**
- Frequently, low pressure is due to plumbing problems in the home. A few simple checkpoints may solve the problem. Make sure all water valves are fully open and operational and clean all faucet aerators.

### Water: The Pure Facts

- Each of us consumes an average of about 100 gallons of water per day. A 15 to 25 gallons of water.

Village of Harwood Heights Board Meetings

7:30 pm  2nd & 4th Thursday of the Month

**Regulated Contaminants City of Chicago 2017 Detected Contaminants**

<table>
<thead>
<tr>
<th>Contaminant (unit of measurement)</th>
<th>MCLG</th>
<th>MCL</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>Violations</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Turbidity</strong> (NTU)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTU Lowest Monthly % (&lt;0.3 NTU)</td>
<td>N/A</td>
<td>N/A</td>
<td>0.0193</td>
<td>0.0191-0.0195</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTU Highest Single Measurement</td>
<td>N/A</td>
<td>N/A</td>
<td>0.26</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Inorganic Contaminants**

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>MCLG</th>
<th>MCL</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>Violations</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Barium</strong> (ppm)</td>
<td>2.0</td>
<td>2.0</td>
<td>0.0193</td>
<td>0.0191-0.0195</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrate (as Nitrogen) (ppm)</td>
<td>10</td>
<td>10</td>
<td>0.32 - 0.36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Nitrate &amp; Nitrite (as Nitrogen) (ppm)</td>
<td>10</td>
<td>10</td>
<td>0.32 - 0.36</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Organic Carbon (TOC)**

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>MCLG</th>
<th>MCL</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>Violations</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fluoride</strong> (ppm)</td>
<td>4.0</td>
<td>4.0</td>
<td>0.75</td>
<td>0.59 - 0.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Radioactive Contaminants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Combined Radon (226Rn) (pCi/L) Decay of natural and man-made deposits</strong></td>
<td>0.0</td>
<td>0.0</td>
<td>0.50 - 0.84</td>
<td>6.1 - 6.6</td>
<td></td>
<td>02-11-2014</td>
</tr>
</tbody>
</table>

**State Regulated Contaminants**

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>MCLG</th>
<th>MCL</th>
<th>Highest Level Detected</th>
<th>Range of Levels Detected</th>
<th>Violations</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sulfate</strong> (ppm)</td>
<td>N/A</td>
<td>N/A</td>
<td>26.3</td>
<td>26.2 - 26.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sodium</strong> (ppm)</td>
<td>N/A</td>
<td>N/A</td>
<td>6.06</td>
<td>7.91 - 6.06</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Unregulated Contaminants**

- Water: The Pure Facts
  - Water constitutes 40% of the reported daily beverage consumption in the United States.
  - You can survive about a month without food, but only 5 to 7 days without water.
  - The average five minute shower uses between 15 to 25 gallons of water.
  - A 5/8 garden hose can carry more than 1,000 gallons per hour.
  - One gallon of water weighs 8.34 pounds.
  - There are 7.48 gallons of water in 1 cubic foot.
  - The Village of Harwood Heights pumped over 297 million gallons of water last year.

Copies of this report are available at the Harwood Heights Village Hall, Eisenhower Public Library and Harwood Heights Website.

@ www.harwoodheights.org.

Should you have any questions or concerns about this report, please contact the Harwood Heights Water Department.

Dave Koch, Water Commissioner
@ (708) 867-7200