The Safe Drinking Water Act Amendments of 1996 require that all community water systems provide information to their customers concerning the quality of their water. This report complies with this Act by providing information on the source of your drinking water, the results of water sampling, our compliance with drinking water regulations, as well as some level of educational material.

The Village of Carol Stream is committed to providing you with this information. If upon reading this report you should have any questions or wish additional information, you are encouraged to contact Ron Rauth, Superintendent of Operations, at (630) 871-6260. Copies of this Water Quality Report are available on our web page at https://www.carolstream.org/WQRP. Additionally, you are always welcome at the Village Board Meetings, which begin at 7:00 p.m. on the first and third Monday of every month.

The Village of Carol Stream receives Lake Michigan Water that is processed by the City of Chicago at the Jardine Water Treatment Facility. The Jardine Water Treatment Facility is just north of Navy Pier on the Chicago lakefront. Lake Michigan is the source of water used to provide drinking water for Chicago and many suburban communities, including Carol Stream. The City of Chicago tests for various unregulated contaminants and posts results on their website at http://www.chicagowater.org. The Village of Carol Stream is a customer of the DuPage Water Commission which purchases the water from the City of Chicago and transports it to the members communities. Water is metered and pumped into our distribution system and into the elevated and ground water storage systems.

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 USEPA 1-800-426-4791.

Lake Michigan, as one of the Great Lakes, is an excellent source of drinking water. However, all sources, including lakes, rivers and wells have a possibility of contamination, including contamination such as:

- Radioactive contaminants
- Organic chemical contaminant
- Inorganic contaminants
- Microbial contaminants

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**2018 Water Quality Data**

- **Definition of Terms**
  - **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected health risk to a human. MCLGs allow for a margin of safety.
  - **Maximum Contaminant Level (MCL):** The level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
  - **Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant 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.
  - **Maximum Residual Disinfectant Level (MRDL):** The highest level of a drinking water disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

- **Highest Level Detected:** This column represents the highest single sample reading of a contaminant of all at the samples collected in 2017.

**Range of Detections:** This column represents a range of individual sample results, from lowest to highest, that were collected during the CCR calendar year.

**Date of Sample:** If a date appears in this column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the Consumer Confidence Report calendar year.

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

- **Detected Contaminants**

<table>
<thead>
<tr>
<th>Contaminant (unit of measurement)</th>
<th>Typical Source of Contaminant</th>
<th>MCLG</th>
<th>MCL</th>
<th>Highest Level Detected</th>
<th>Range of Detections</th>
<th>Violation</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Microbial Contaminants</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ORAL COLIFORM BACTERIA (≥ 100 cfu/100 ml)</strong></td>
<td></td>
<td>0</td>
<td>5%</td>
<td>0</td>
<td>n/a</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td><strong>ECAL COLIFORM AND E. COLI (≥ 100 cfu/100 ml)</strong></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>n/a</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td><strong>TURBIDITY (NTU)</strong></td>
<td></td>
<td>n/a</td>
<td>TT</td>
<td>100%</td>
<td>100%-100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOXIC RESIDUES AND REMAINS (ppb)</strong></td>
<td></td>
<td>2</td>
<td>2</td>
<td>0.0193</td>
<td>0.0191-0.0193</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NITRATE (AS NITRATES) (ppm)</strong></td>
<td></td>
<td>10</td>
<td>10</td>
<td>0.36</td>
<td>0.32-0.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL NITRATE &amp; NITRITE (ppm)</strong></td>
<td></td>
<td>10</td>
<td>10</td>
<td>0.36</td>
<td>0.32-0.36</td>
<td></td>
<td></td>
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</tbody>
</table>

**Detected Contaminants**

**Unregulated Contaminants:**

- **SODIUM**
- **CHLORINE (AS C112) (PPM)**
- **TOC (TOTAL ORGANIC CARBON)**

**2017 Non-regulated Contaminant Detection**

Our water system was required to monitor for all contaminants required under the Unregulated Contaminant Monitoring Rule (UCMRR). All of the 2017 UCMR1 results were non-detected. For results and more details, please visit [the Water Quality Division Office](312-742-7499).