The University water system receives water from the City of Edwardsville, into a 400,000 gallon underground reservoir. Water is pumped from there through a system of underground mains serving the entire campus and into a 50,000 gallon elevated tank which maintains system water pressure. A second connection to the Edwardsville water system at the edge of campus near Highway 157 provides us with a backup should the primary system experience a problem.

The Edwardsville water works system is a municipal utility owned by the City of Edwardsville. Water is obtained from a well field located near the water treatment plant which draws water from the American Bottoms Underground Aquifer. There are seven wells drilled to an average depth of approximately 114 feet. The water is filtered, softened and chemically treated with fluoride and chlorine.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE WATER QUALITY REPORT – 2014

To: SIUE Students, Faculty and Staff

This year as in years past your tap water met all United States Environmental Protection Agency (USEPA) and state drinking water health standards. Water systems are required to provide you with a report which tells you what your water had that year, and whether your water system had any violations of a contaminant level or any other water quality standard during 2014. The attached report summarizes the quality of water that we provided you with during the year 2014 including detailed information about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with a safe and dependable supply of drinking water.

If you have any questions about this report or concerning your water system, please contact Ed Matecki (650-2258) or Paul Fuligni (650-2560) at Facilities Management, Monday through Friday between the hours of 8 a.m. and 4 p.m.

WATER SUPPLY INFORMATION

The University water system receives water from the City of Edwardsville into a 400,000 gallon underground reservoir. Water is pumped from there through a system of underground mains serving the entire campus and into a 50,000 gallon elevated tank which maintains system water pressure. A second connection to the Edwardsville water system at the edge of campus near Highway 157 provides us with a backup should the primary system experience a problem.

The Edwardsville water works system is a municipal utility owned by the City of Edwardsville. Water is obtained from a well field located near the water treatment plant which draws water from the American Bottoms Underground Aquifer. There are seven wells drilled to an average depth of approximately 114 feet. The water is filtered, softened and chemically treated with fluoride and chlorine.

WATER QUALITY DATA TABLE

The 2014 Water Quality Data Table, which follows, was prepared with data supplied by the Illinois Environmental Protection Agency. There are two sections to the Table. The first shows data drawn from the parent source, as detailed in the City of Edwardsville 2014 Water Quality Report. The second provides data drawn directly from samples taken in the SIUE’s campus Water Quality Data Table lists detected contaminants and their typical sources, the maximum contaminant level established by Federal Agency guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, and other microbial contaminants are available from the USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

The 2014 Water Quality Data Table, which follows, was prepared with data supplied by the Illinois Environmental Protection Agency. There are two sections to the Table. The first shows data drawn from the parent source, as detailed in the City of Edwardsville 2014 Water Quality Report. The second provides data drawn directly from samples taken in the SIUE’s campus Water Quality Data Table lists detected contaminants and their typical sources, the maximum contaminant level established by Federal Agency guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, and other microbial contaminants are available from the USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

2014 WATER QUALITY DATA—CITY OF EDWARDSVILLE SAMPLING

<table>
<thead>
<tr>
<th>CONTAMINANTS (units)</th>
<th>MCLG</th>
<th>MCL</th>
<th>Amount Detected</th>
<th>Range of Detection</th>
<th>Violation</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INORGANIC CONTAMINANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barium (ppb)</td>
<td>2</td>
<td>2</td>
<td>0.07</td>
<td>0.067 – 0.067</td>
<td>No</td>
<td>2012</td>
</tr>
<tr>
<td>Flufuoride (ppb)</td>
<td>4</td>
<td>4</td>
<td>0.98</td>
<td>0.98 – 0.98</td>
<td>No</td>
<td>2014</td>
</tr>
<tr>
<td>Nitrate (ppm)</td>
<td>10</td>
<td>10</td>
<td>1</td>
<td>1.0 – 1.0</td>
<td>No</td>
<td>2014</td>
</tr>
<tr>
<td><strong>UNREGULATED CONTAMINANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bromodichloromethane</td>
<td>N/A</td>
<td>N/A</td>
<td>6.9</td>
<td>6.9 – 6.9</td>
<td>No</td>
<td>2013</td>
</tr>
<tr>
<td>Chlorophenol</td>
<td>N/A</td>
<td>N/A</td>
<td>9.9</td>
<td>9.9 – 9.9</td>
<td>No</td>
<td>2013</td>
</tr>
<tr>
<td>Chloroform</td>
<td>N/A</td>
<td>N/A</td>
<td>4.1</td>
<td>4.1 – 4.1</td>
<td>No</td>
<td>2014</td>
</tr>
<tr>
<td>Uradal as a chemical reagent; an intermediate in organic synthesis.</td>
<td>N/A</td>
<td>N/A</td>
<td>85</td>
<td>85 – 85</td>
<td>No</td>
<td>2014</td>
</tr>
<tr>
<td><strong>STATE REGULATED CONTAMINANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sulfate</td>
<td>N/A</td>
<td>N/A</td>
<td>110</td>
<td>110 – 110</td>
<td>No</td>
<td>2012</td>
</tr>
<tr>
<td><strong>SOCS CONTAMINANTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erosion of naturally occurring deposits; used as a water softener.</td>
<td>N/A</td>
<td>N/A</td>
<td>67</td>
<td>67 – 67</td>
<td>No</td>
<td>2012</td>
</tr>
<tr>
<td><strong>DISTRIBUTION/INFECTIOUS BY-PRODUCTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CHLORINE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypochlorous Acid (HOCI) (ppm)</td>
<td>0.8</td>
<td>0.8</td>
<td>0.8 – 0.8</td>
<td>No</td>
<td>2014</td>
<td></td>
</tr>
<tr>
<td><strong>CHLORINE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium hypochlorite (ppm)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td><strong>ICI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>No</td>
<td>2013</td>
<td></td>
</tr>
</tbody>
</table>

**Fluoride**

Fluoride is added to the water supply to help promote strong teeth. The Illinois Dept. of Public Health recommends an optimal fluoride level of 0.9 to 1.2 ppm.

**EROSION OF NATURALLY OCCURRING DEPOSITS**

Whether future regulation is warranted.

**DISEASE CONTROL**

Regulations limiting the amount of a contaminant that is allowed in drinking water. MCLs are set as close to the MCGLs as practicable and within the range of detection. The Range of Detection column represents a range of individual values which a water system must follow. In most cases, the Level Found or the Sample Year.

**Violation**

A contaminant that is allowed in drinking water. MCLs are set as close to the MCGLs as practicable and within the range of detection. The Range of Detection column represents a range of individual values which a water system must follow. In most cases, the Level Found or the Sample Year.

**Date of Sample**

The 2014 Water Quality Data Table, which follows, was prepared with data supplied by the Illinois Environmental Protection Agency. There are two sections to the Table. The first shows data drawn from the parent source, as detailed in the City of Edwardsville 2014 Water Quality Report. The second provides data drawn directly from samples taken in the SIUE’s campus Water Quality Data Table lists detected contaminants and their typical sources, the maximum contaminant level established by Federal Agency guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, and other microbial contaminants are available from the USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**2014 WATER QUALITY DATA—SIUE SAMPLING**

**DEMONSTRATION OF CONTAMINANTS**

**Fluoride**

Fluoride is added to the water supply to help promote strong teeth. The Illinois Dept. of Public Health recommends an optimal fluoride level of 0.9 to 1.2 ppm.

**UNREGULATED CONTAMINANTS**

Previously elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from material and components associated with service lines and home plumbing. The City of Edwardsville is responsible for providing high-quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you may notice indicators for lead by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water and wish to have your water tested, you may contact the Madison County Environmental Control Lab at (618) 296-5234.

**LED AND DRINKING WATER**

**Water Quality Data Table Footnotes**

**FUTURE REGULATIONS**

**USEPA**

The USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**LEAD AND DRINKING WATER**

**Water Quality Data Table Footnotes**

**FUTURE REGULATIONS**

**USEPA**

The USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**LEAD AND DRINKING WATER**

**Water Quality Data Table Footnotes**

**FUTURE REGULATIONS**

**USEPA**

The USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**LEAD AND DRINKING WATER**

**Water Quality Data Table Footnotes**

**FUTURE REGULATIONS**

**USEPA**

The USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**LEAD AND DRINKING WATER**

**Water Quality Data Table Footnotes**

**FUTURE REGULATIONS**

**USEPA**

The USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

**LEAD AND DRINKING WATER**

**Water Quality Data Table Footnotes**