Dear Resident,

This report is issued to educate you about the quality of drinking water that the City of Minneapolis produced in 2013. We take pride in the water we provide. We are happy to report that drinking water that the City of Minneapolis produced in 2013. The purpose of this report is to advance consumers’ understanding of drinking water and heighten awareness of the need to protect precious water resources.

Source of Water

The City of Minneapolis provides drinking water to its residents from a surface water source: surface water drawn from the Mississippi River. The water provided to customers may meet drinking water standards, but the Minnesota Department of Health has also made a determination as to how vulnerable the source of water may be to future contamination incidents.

If you wish to obtain the entire source water assessment regarding your drinking water, please call 651-201-4700 or 1-800-818-9318 (and press 5) during normal business hours. Also, you can view it on line at www.health.state.mn.us/divs/eh/water/swp/swa.

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.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 Environmental Protection Agency’s Safe Drinking Water Hotline at 1-800-426-4791.

Contaminants that may be present in source water include:

- **MICROBIAL CONTAMINANTS**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **INORGANIC CONTAMINANTS**, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **ORGANIC CONTAMINANTS**, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- **MICROBIAL CONTAMINANTS**, which can be naturally occurring or be the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with 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 at 1-800-426-4791.

Enjoy our tap water, but conserve

The City has plenty of tap water for everyone to use. However, it’s important to conserve this water whenever possible. The less water you use, the less energy is used and the lower your utility bill will be. You can find links to conservation resources at: http://www.minneapolismn.gov/publicworks/water/water_conservation-resources

**SWITCH TO LOW-FLOW PLUMBING**

Newer toilets can save two gallons or more of water per flush, and low-flow shower heads can use 2.5 fewer gallons per minute than ordinary ones.

**LEAKS AND Drips ADD UP QUICKLY**

A slow drip from a tap can waste 15 to 20 gallons of water per day, and a leaky toilet can waste hundreds of gallons a day.

**SMARTER APPLIANCES USE LESS WATER**

When shopping for a new washing machine, pay attention to the “water factor” – the number of gallons of water needed for each cubic foot of laundry. The lower the number, the more water it saves.

**WASH WISELY**

Consider how appliances use water. A washing machine takes 27 to 51 gallons per cycle, so make sure you use the right load-size setting. A dishwasher uses seven to 14 gallons no matter how many dishes are inside, so only run yours when it’s full.

**LAWN LESSONS**

A rain gauge can help you determine whether and how much your lawn, garden and trees need to be watered. A good rain can eliminate the need to water for a week. If you do need to water, doing so at night will reduce evaporation. And make sure the sprinkler isn’t watering the streets or sidewalks.

TTY: 612-673-2626
Compliance with national primary drinking water regulations

No contaminants were detected at levels that violated federal drinking water standards. However, some contaminants were detected in trace amounts that were below legal limits. The table that follows shows the contaminants that were detected in trace amounts last year. (Some contaminants are sampled less frequently than once a year; as a result, not all contaminants were sampled for in 2013. If any of these contaminants were detected the last time they were sampled for, they are included in the table along with the date that the detection occurred.)

Monitoring may have been done for additional contaminants that do not have MCLs established for them and are not required to be monitored under the Safe Drinking Water Act. Results may be available by calling 651-201-4700 or 1-800-818-9318 during normal business hours.

Lead in Drinking Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Minneapolis is responsible for providing high quality drinking water, but cannot control the contaminants that do not have MCLs established for them and are not required to be monitored under the Safe Drinking Water Act. Results may be available by calling 651-201-4700 or 1-800-818-9318 during normal business hours.

Minneapolis 2013 Monitoring Results

<table>
<thead>
<tr>
<th>Contaminant (units)</th>
<th>MCL</th>
<th>MCLG</th>
<th>Level Found</th>
<th>Typical Source of Contaminant</th>
<th>Meets Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride (ppm)</td>
<td>4</td>
<td>1</td>
<td>.9 - .98</td>
<td>State of Minnesota requires all municipal water systems to add fluoride to the drinking water to promote strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories.</td>
<td>YES</td>
</tr>
<tr>
<td>Halloweetaic Acids (HAAS) (ppb)</td>
<td>0</td>
<td>60</td>
<td>nd - 44.8</td>
<td>By-product of drinking water disinfection.</td>
<td>YES</td>
</tr>
<tr>
<td>Nitrate (as Nitrogen) (ppm)</td>
<td>10.4</td>
<td>10.4</td>
<td>N/A</td>
<td>Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.</td>
<td>YES</td>
</tr>
<tr>
<td>TTHM (Total Trihalomethanes) (ppb)</td>
<td>0</td>
<td>80</td>
<td>9.1 - 57.7</td>
<td>By-product of drinking water disinfection.</td>
<td>YES</td>
</tr>
<tr>
<td>Total Coliform Bacteria</td>
<td>0</td>
<td>present</td>
<td>N/A</td>
<td>Naturally present in the environment.</td>
<td>YES</td>
</tr>
<tr>
<td>Turbidity (NTU)</td>
<td>N/A</td>
<td>TT</td>
<td>100% for the lowest % of compliance</td>
<td>Soil runoff.</td>
<td>YES</td>
</tr>
<tr>
<td>Chlorine (ppm)</td>
<td>4 MDL</td>
<td>4 MDL</td>
<td>2.9-3.4 Highest and Lowest Monthly Avg.</td>
<td>Water additive used to control microbes.</td>
<td>YES</td>
</tr>
<tr>
<td>Total Organic Carbon</td>
<td>25% - 30% Removal Required</td>
<td></td>
<td>Quarters below removal rate=0</td>
<td>Naturally present in the environment.</td>
<td>YES</td>
</tr>
<tr>
<td>Copper (ppm) (7/26/12)</td>
<td>1.3</td>
<td>AL</td>
<td>90% Level</td>
<td>Corrosion of household plumbing systems; Erosion of natural deposits.</td>
<td>YES</td>
</tr>
<tr>
<td>Lead (ppb) (7/26/12)</td>
<td>0</td>
<td>15</td>
<td>90% Level</td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td>Sodium (ppm)</td>
<td>-</td>
<td>-</td>
<td>N/A</td>
<td>Erosion of natural deposits.</td>
<td>YES</td>
</tr>
<tr>
<td>Sulfate (ppm)</td>
<td>-</td>
<td>-</td>
<td>N/A</td>
<td>Erosion of natural deposits.</td>
<td>YES</td>
</tr>
</tbody>
</table>

TURBIDITY is a measure of the water clarity. We monitor it because it is a good indicator of the effectiveness of our filtration system.

*1 SAMPLE OUT OF 2164 was positive for total coliforms. Follow-up sampling showed no contamination present.