**North Spokane Irrigation No. 8**

2011 Annual Drinking Water Quality Report

Mandatory Health-Related Standards Are Established by the Washington State Department of Health

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit of Measure</th>
<th>MCL</th>
<th>MCLG</th>
<th>Highest Detected Level Wells 1 &amp; 2</th>
<th>Wells 2 &amp; 4</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Microbiology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Coliform Bacteria</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td>Naturally present in environment: Industrial or domestic wastewater discharges, mining or farming and livestock productions.</td>
</tr>
<tr>
<td>Fecal Coliform and E. Coli</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inorganic Chemicals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrate</td>
<td>ppm</td>
<td>10</td>
<td>10</td>
<td>1.23</td>
<td>0.86</td>
<td>Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.</td>
</tr>
<tr>
<td><strong>Synthetic Organic Compounds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>61 Volatile Organic Compounds were tested for at each well site during 2011</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Volatile Organic Compounds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 Synthetic Organic Chemicals were tested for at each well site during 2011</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td></td>
</tr>
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<td><strong>Inorganic Chemicals</strong></td>
<td></td>
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</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 Samples were tested for presence of Lead and Copper</td>
<td></td>
<td></td>
<td></td>
<td>0 Constituents Detected</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MCL's are set at very stringent levels. To understand the possible health effects described from the many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.**

**Abbreviations**

ND= Not Detected
NA= Not Analyzed
ppm = parts per million
ppb = parts per billion
AL= Action Level - concentration of a constituent which, if exceeded, triggers treatment or other requirements

**Notes**

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health.

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

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

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As you can see by the table, our system had no violations above the allowed Maximum Contaminant Levels. We're proud that your drinking water meets or exceeds all Federal and State requirements and although we have learned through our monitoring and testing that some constituents have been detected, the EPA has determined that your water IS SAFE at these levels.

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The Staff at the North Spokane Irrigation District work around the clock to provide top quality water to every tap. We also ask all our customers to help protect the groundwater drinking source, which is the heart of our community, our way of life and our children’s future.

From Your Water Utility
North Spokane Irrigation District No. 8
N 7221 Regal
Spokane, WA 99217
ph: (509) 467-6727
Contact: Gary Lowe
District Manager

Regular Scheduled Board Meetings are held the 1st Tuesday of every month at 6:00 p.m.
Consumer Confidence Report  
Spring 2012 Newsletter

As required by Washington State Department of Health, a report on your water quality is included. The District routinely samples for microbial contaminants such as Coliform Bacteria, E coli and Fecal Coliform, which may come from the environment, septic systems, agricultural livestock operations and wildlife. During 2011 24 tests were taken and all tests were negative for presence of these contaminants.

Meter Reading
The District will begin meter reading June 1st. Meters will only be read during the month of June & September, so overages will only show up during those billing periods. If you have an outside meter please remove any insulation from your meter box and clear away bushes, shrubs, etc. prior to that date.

Wellhead Protection
The District is a member of the Spokane Aquifer Joint Board (SAJB) which represents nineteen (19) water purveyors who utilize the Spokane/Rathdrum Prairie Aquifer for their water supply. The SAJB promotes aquifer awareness through various educational programs. Committees on proactive businesses, potential contaminant source inventory, household contaminant disposal, emergency planning and education and awareness strive to educate the public and protect our sole source of drinking water. Please visit the website at www.spokaneaquifer.org for further information and a virtual aquifer tour.

Water Saving Tips
Saving water is easy and it starts with you! When you use water efficiently, you save money on your water, gas, and energy bills too. The average household spends as much as $500 a year on its water and sewer bill and can save about $132 per year by doing a few simple things to use water more efficiently. For a list of water saving tips contact N.S.I.D #8 at 467-6727.