**Carnhope Irrigation District #7**  
**Annual Drinking Water Quality Report**  
Mandatory Health-Related Standards Are Established by the Washington State Department of Health

### Microbiology

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit of Measure</th>
<th>MCL</th>
<th>MCLG</th>
<th>Source</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 Tests were taken during this reporting period</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Coliform Bacteria</td>
<td></td>
<td></td>
<td></td>
<td>One Detection</td>
<td>Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this is a warning of potential problems. Re-testing found that the bad test was caused by a contaminated sample point, not the water.</td>
</tr>
<tr>
<td>Fecal Coliform and E. Coli</td>
<td></td>
<td></td>
<td></td>
<td>One Detection</td>
<td></td>
</tr>
</tbody>
</table>

### Inorganic Chemicals

- **Nitrate**  
  - Unit: mg/l  
  - MCL: 10 mg/l  
  - MCLG: 1.38 mg/l  
  - Likely Source of Contamination: Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

### Perfluorinated Compounds

- **PFAS**  
  - Unit: PFHxS/ug/l  
  - MCL: No Detection  
  - Likely Source of Contamination: Perfluorinated chemicals (PFAS) are a family of chemicals used since the 1950s to manufacture stain-resistant, water-resistant, and non-stick products. PFAS are widely used in common consumer products as coatings, on food packaging, outdoor clothing, carpets, leather goods, ski and snowboard waxes, and certain types of firefighting foam—historically used by the U.S. military, local fire departments, and airports—may contain PFAS.

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<th>Source</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfluorobutanesulfonic Acid</td>
<td>PFBS/ug/l</td>
<td>No Detection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perfluorooctanoic acid</td>
<td>PFOA/ug/l</td>
<td>No Detection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perfluorooctanesulfonic Acid</td>
<td>PFHxS/ug/l</td>
<td>No Detection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perfluorooctanoic acid</td>
<td>PFNA/ug/l</td>
<td>No Detection</td>
<td></td>
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</tr>
</tbody>
</table>

### Lead and Copper

<table>
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<tr>
<th>Parameter</th>
<th>Unit of Measure</th>
<th>MCL</th>
<th>MCLG</th>
<th>Source</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>mg/l</td>
<td>0.015</td>
<td></td>
<td>No Detections above MCL</td>
<td></td>
</tr>
<tr>
<td>Copper</td>
<td>ppm</td>
<td>1.3</td>
<td></td>
<td>No Detections above MCL</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- **MCL**: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water.
- **MCLG**: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health.
- **AL**: Action Level: concentrations of a constituent which, if exceeded, triggers treatment or other requirements.
- **ND**: Not Detected
- **ppm**: parts per million
- **ppb**: parts per billion
- **µg/l**: micrograms per liter (a measure of radioactivity)
- **EPA/CDC**: Environmental Protection Agency/Centers for Disease Control

Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not 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 (800-426-4791).

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, persons 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 risk of infection to Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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.

### From Your Water Utility

Carnhope Irrigation District #7  
4613 E. Third Ave.  
Spokane, WA 99212  
Phone 509-536-9180

E-mail: carnhope7@comcast.net  
Contact Person: Terry Squibb  
Superintendent  
Regular Scheduled Board Meetings are held the first Monday of every month at 7:00 P.M.