Other information

Alpha emitters language - Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

Combined radium health effects language - Some people who drink water containing radium-226 or -228 in excess of the MCL over many years may have an increased risk of getting cancer.

Source water assessment information

The source of raw water for Owensboro Municipal Utilities is the Ohio River Alluvium in Daviess County. An analysis of the overall susceptibility to contamination of the Owensboro Municipal Utilities’ water supply indicated that this susceptibility is moderate. There are a total of 228 potential sources of contamination within the wellhead protection area with the following susceptibility rankings: 17 high, 165 medium, and 38 low. Sources of high potential impact include: above ground storage tanks, underground storage tanks, an auto repair facility and industrial land use. Sources of moderate to low potential impact include: above ground storage tanks, underground storage tanks, auto repair facilities, industrial land use, professional offices, dry cleaners, food service facilities, quarries, hazardous material storage, and municipal land use. This is a summary of the susceptibility analysis. The complete Susceptibility Analysis Report is available at the Green River Area Development District and at the Division of Water.

Do I need to take special precautions?

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 the 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 (800-426-4791).

What happened? Who is at risk? What is being done?

Owensboro Municipal Utilities detected E. coli in a compliance sample. The affected area was immediately ordered to boil their water. Each household had a notice hand delivered and an OMU employee knocked on each door for personal notification. Each plant in operation reported the form to the KY Division of Water. The omission of the field resulted in a reporting form for both contaminants. The contract lab corrected the form and resubmitted the results to the KY Division of Water. The omission of the field resulted in the reporting form for both contaminants. The contract lab corrected the form and resubmitted the results to the KY Division of Water.

What should I do?

There is nothing you need to do at this time. You do not need to use an alternative (e.g., bottled) water supply. The table below lists the contaminant(s) we did not properly report for during the last year, how often we are supposed to sample for Total Trihalomethanes and Haloacetic Acid 5 and how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Required Sampling Frequency</th>
<th>Number of Samples Taken</th>
<th>Samples Should Have Been Taken</th>
<th>When Samples Should Have Been Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Halomethanes</td>
<td>1 per quarter for each plant in operation</td>
<td>7*</td>
<td>7*</td>
<td>Sampling Completed*</td>
</tr>
<tr>
<td>Haloacetic Acid 5</td>
<td>1 per quarter for each plant in operation</td>
<td>7*</td>
<td>7*</td>
<td>Sampling Completed*</td>
</tr>
</tbody>
</table>

*Samples were taken January, March, April, July and October 2006.

Water Quality Report 2006
This report is to inform you of the water quality for the calendar year 2006. Over 100,000 residents in Owensboro. OMU supplies water to over 55,499 residences in Owensboro. We also sell water to three districts that serve the remainder of Daviess County and customers in some surrounding counties. Owensboro Municipal Utilities’ award winning water quality program serves the customer by providing quality utility services at the most economical cost, and we never forget that commitment. At OMU, we take water seriously. Just as seriously we do take it! We maintain our own water quality testing laboratories. The experienced and certified water quality personnel analyze chemical and bacteriological tests on water samples throughout the year. These samples are taken from each section of the treatment process as well as from various sites around Owensboro and analyzed by using the radioactivity in drinking water. The EPA has established limits for contaminants in bottled water, which are called Maximum Contaminant Level Goals or MCLGs. The drinking water quality for the year 2006 is summarized in the following table.