City of Luling

EXCELLENCE IN WATER QUALITY

Dear Customer:

The City of Luling is pleased to provide you with this 2005 Water Quality Report. We take all possible precautions to safeguard your water supply and hope you will be encouraged to learn about the high quality of water provided to you.

The federal Safe Drinking Water Act (SDWA) requires water utilities to issue an annual report to customers, in addition to other notices that may be required by law. This report explains where your drinking water comes from, what it contains, and the health risks your water testing and treatment are designed to prevent.

We are committed to providing you with information about your water supply, because informed consumers are our best allies in supporting improvements needed to maintain the highest drinking water standards.

We are proud to report that the Texas Commission on Environmental Quality (TCEQ) has assessed our system and determined that your drinking water, provided by the City of Luling through the Guadalupe-Blanco River Authority’s surface water treatment plant, meets or exceeds all federal and state established water quality standards.

The tables in this report list all substances that were detected in our treated water, and the highest level at which they were detected. The tables also reflect the highest levels allowed by federal regulatory agencies. Please read this information carefully and if you have questions, call the numbers listed in this report.

Customer Views Welcome

The City of Luling strongly supports the national primary drinking water regulation compliance process. If you are interested in learning more about the water department, water quality, or participating in the decision-making process, there are a number of opportunities available.

Questions about water quality can be answered by calling 830/875-2469 from 8 a.m. - 5 p.m., Monday through Friday. Inquiries about public participation and policy decisions should be directed to the City Manager’s office at 830/875-2481.

The Luling City Council meets every 2nd Thursday of the month at 7:00 p.m. at City Hall and all meetings are open to the public.

Special Notice for the ELDERLY, INFANTS, CANCER PATIENTS, people with HIV/AIDS OR OTHER IMMUNE PROBLEMS:

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.

United States Environmental Protection Agency (USEPA) and the Center for Disease Control and Prevention (CDC) 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).

Luling Water Department 830/875-2469
GBRA Water Treatment Plant 830/875-2132

En Español
Este informe incluye información importante sobre el agua potable. Si tiene preguntas o comentarios sobre este informe en Español, favor de llamar al tel. 830/875-2469 para hablar con una persona bilingüe en español durante las horas regulares de oficina (8 a.m. - 5 p.m.).

Where Do We Get Our Drinking Water?

The City of Luling receives its water from surface water diverted from the San Marcos River and treated at the Luling Water Treatment Plant, operated by the Guadalupe-Blanco River Authority (GBRA). Wells provide a supplemental supply.

The TCEQ completed an assessment of your source water and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact the GBRA Luling WTP at (830) 875-2132.

Trained operators monitor and test the water, including the addition of fluoride and chlorine, to ensure that our water meets or exceeds all state and federal drinking water standards. The treated water is delivered to the City's water towers and delivered through its distribution system to you.
Maximum Residual Disinfectant Level

- The highest level of the contaminant allowed in drinking water.
- MCLCs are set as close to the MCLGs as feasible using the best available treatment technology.

DEFINITIONS

- **Maximum Contaminant Level (MCL)**: the level of a contaminant in drinking water below which there is no known or anticipated health risk. MCLs allow for a margin of safety.
- **Action Level (AL)**: the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- **NTU** = Nephelometric Turbidity Units.

TABLE II - Test results for the GBRA water supply to Luling (Sampled in the Luling Distribution System)

<table>
<thead>
<tr>
<th>Year</th>
<th>Constituent</th>
<th>Average Concentration</th>
<th>Maximum Concentration</th>
<th>MCL</th>
<th>MRDL</th>
<th>Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Fluoride</td>
<td>0.80</td>
<td>4</td>
<td>4</td>
<td>ppm</td>
<td>Discharges of drilling wastes; runoff of natural deposits.</td>
</tr>
<tr>
<td></td>
<td>Nitrate</td>
<td>1.06</td>
<td>10</td>
<td>10</td>
<td>ppm</td>
<td>Runoff from fertilizer use; leaching from septic tanks; treated wastewater effluent; erosion of natural deposits.</td>
</tr>
<tr>
<td></td>
<td>Chromium</td>
<td>1.41</td>
<td>100</td>
<td>100</td>
<td>ppb</td>
<td>Erosion of natural deposits.</td>
</tr>
</tbody>
</table>

**Turbidity**

- Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. Turbidity is measured in turbidity units. 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 USEPA's Safe Drinking Water Hotline (1-800-426-4791).

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-Products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**TABLE I - Test results for the GBRA water supply to Luling (Sampled at the GBRA Water Treatment Plant)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Constituent</th>
<th>Average Concentration</th>
<th>Maximum Concentration</th>
<th>MCL</th>
<th>MRDLG</th>
<th>Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>Fluoride</td>
<td>0.80</td>
<td>4</td>
<td>4</td>
<td>ppm</td>
<td>Discharges of drilling wastes; runoff of natural deposits.</td>
</tr>
<tr>
<td></td>
<td>Nitrate</td>
<td>1.06</td>
<td>10</td>
<td>10</td>
<td>ppm</td>
<td>Runoff from fertilizer use; leaching from septic tanks; treated wastewater effluent; erosion of natural deposits.</td>
</tr>
<tr>
<td></td>
<td>Chromium</td>
<td>1.41</td>
<td>100</td>
<td>100</td>
<td>ppb</td>
<td>Erosion of natural deposits.</td>
</tr>
</tbody>
</table>

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-Products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**TABLE II - Test results for the GBRA water supply to Luling (Sampled in the Luling Distribution System)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Constituent</th>
<th>Average Concentration</th>
<th>Maximum Concentration</th>
<th>MCL</th>
<th>MRDL</th>
<th>Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>Turbidity</td>
<td>0.50</td>
<td>0.7</td>
<td>NTU</td>
<td>ppm</td>
<td>Sediment.</td>
</tr>
</tbody>
</table>

**Total Coliform**

- Not Detected E. coli NOT DETECTED

**Total Organic Carbon (TOC) - Source Water**

- The source of drinking water.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-Products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

**Disinfection By-products**

- Disinfection Byproducts
- Byproducts of drinking water disinfection.

**Unregulated Contaminants**

- Unregulated Contaminants (source water)
- In order to ensure that tap water is safe to drink, the USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water that must provide the same protection for public health.