Dear Customer:

The City of Luling is pleased to provide you with this 2011 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 our water testing and treatment are designed to prevent.

We are committed to providing you with information about your water supply because informed customers 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.

Required Additional Health Information

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.

All 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 USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

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 radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

(A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

(B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

(C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses;

(D) Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems;

(E) Radioactive contaminants, which can be naturally-occurring or the result of oil and gas production and mining activities.

National Primary Drinking Water Regulation Compliance

This report was prepared with technical assistance from the Guadalupe-Blanco River Authority. GBRA will be happy to answer any questions about the Luling Water Treatment Plant or its water quality and treatment process. Please contact us at 830-875-2132 or through our website at www.gbra.org. Water quality data for community water systems throughout the United States is available at www.epa.gov/safewater/dwinfo/index.html.

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.

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

A Source Water Susceptibility Assessment for drinking water source(s) is currently being updated by TCEQ. This information describes the susceptibility and types of contaminants that may come into contact with your drinking water source based on human activities and natural conditions. The information contained in the document allows us to focus source water protection strategies. For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL: http://gis3.tceq.state.tx.us/swav/.

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. For information on the treatment of your drinking water and water quality protection efforts contact the GBRA Luling Water Treatment Plant at 380-875-2312.

What We Found

The following table lists the contaminants that have been found in your drinking water. US EPA requires water systems to test for more than 90 contaminants. The columns marked “Highest Level at Any Sampling Point” shows the highest test results during the year. The “Source of Constituent” column shows where the substance usually originates.

**DEFINITIONS**

- **Maximum Contaminant Level (MCL)**: the highest level of the contaminant allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- **Maximum Contaminant Level Goal (MCLG)**: the level of a contaminant in drinking water below which there is no known or expected health risk. MCLGs allow for a margin of safety.
- **Action Level (AL)**: a concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- **NTUs**: Turbidity Units.
- **ppm**: parts per million, or milligrams per liter (mg/L).
- **ppb**: parts per billion, or micrograms per liter (µg/L).
- **MRI**: Maximum Residual Disinfectant Level.

**TABLE I - Test results for the GBRA Luling Water Treatment Plant Source Water**

The EPA Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) requires that water treatment plants monitor the source water (water prior to treatment plant) for Cryptosporidium, a parasite that can cause cryptosporidiosis, an abdominal infection causing nausea, vomiting, diarrhea and associated headaches. Turbidity is measured 4 times per day through grab samples and continuously on an on-line individual filter turbidity monitors.

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

The table presents the results for lead and copper at each sample location. The table shows the concentration of lead and copper in parts per billion (ppb) and the exceedance percentage. The table also includes information on the number of sites exceeding action level and action level. The source of constituent is also included.

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

The table presents the results for iron, manganese, nitrate, and fluoride at each sample location. The table shows the concentration of iron, manganese, nitrate, and fluoride in parts per billion (ppb) and the exceedance percentage. The table also includes information on the number of sites exceeding action level and action level. The source of constituent is also included.