Dear Customer:

The City of Luling is pleased to provide you with this 2012 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.

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.

En Español

Este informe incluye información importante sobre el agua potable. Si tiene preguntas o comentarios sobre éste 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.).

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Required Additional Health Information

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.

Luling Water Department 830-875-2469

GBRA Water Treatment Plant 830-875-2132

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**Special Notice**

Required language for all community public water supplies:

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly or immuno-compromised such as those undergoing chemotherapy for cancer; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with other immune system disorders can be particularly at risk for infections. You should seek advice about drinking water from your physician or health care provider. Additional guidelines for appropriate measures to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at 1-800-426-4791.

**Where Do We Get Our Drinking Water?**

The City of Luling received 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 sources 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 this assessment 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/](http://gis3.tceq.state.tx.us/swav/).

**What We Found**

The following table lists the contaminants that have been found in your drinking water. USEPA requires water systems to test for more than 91 contaminants. The column marked “Highest Level at Any Sampling Point” shows the highest test results during the year. The “Source of Constituent” column shows where this substance usually originates.

**DEFINITIONS**

- **Maximum Contaminant Level (MCL)** - the highest level of the contaminant allowed in drinking water. MCLs are not 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)** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**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, E. coli, and turbidity and E. coli. Cryptosporidium is a microorganism that may be found in water contaminated with feces. Monitoring results will be used to determine whether additional treatment is required and to refine treatment decisions. Between E. coli and Cryptosporidium levels in the source water. Although treatment plant filters remove Cryptosporidium, filters cannot guarantee 100% removal our our can the analysis determine if the organisms are alive and capable of causing cryptosporidiosis, an intestinal infection causing nausea, vomiting, diarrhea and abdominal cramps that may occur after ingestion of contaminated water. Bimonthly sampling of the San Marcos River, the source water for the GBRA Luling Water Treatment Plant, began in October 2006 and continued until September 2008.

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

- **Total Organics Carbon (TOC)** sampled from source water has no health effects. The disinfection can combine with TOC to form disinfection byproducts. Disinfection is necessary to ensure that 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 830-875-2132.

- **Turbidity** has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity is measured 4 times per day through grab samples and continuously through automatic on-line individual filter turbidity monitors.

- **Chloramines** are used as an indicator of microbial contamination of drinking water because testing for them is easy. While not disease-causing organisms themselves, they are often found in association with other microbes that are capable of causing disease. Coliform bacteria are more than 90 diseases-causing organisms; therefore, their absence from water is a good indication that the water is microbiologically safe for human consumption.

- **Lead and Copper at household tap/Analyzed every 3 years**

- **Fluoride** is a naturally occurring mineral found in many water supplies that is added to drinking water to prevent tooth decay. Fluoride is not detected above the Action Level for fluoride in drinking water.

- **Nitrate** is a naturally occurring nitrate present in most ground water supplies. Nitrate is not detected above the Action Level for nitrate in drinking water.