

**2010 Annual Drinking Water Quality Report**  
**Beau Chêne Water System**  
**Public Water Supply ID. #1103006**

**June 9, 2011**

Your Beau Chêne Homeowners Association staff is pleased to present the 2010 Annual Water Quality Report to the residents of the Beau Chêne Community. This annual report is required by the 1996 Safe Drinking Water Act and must be made available to our customers prior to July 1 of each year. It is designed to inform you concerning the quality water and services we deliver to you every day. We want you to understand the efforts we make to continually improve the water treatment process, water distribution and the protection of our water resources. Our foremost and constant goal is to provide you with a safe and dependable supply of quality drinking water. We are pleased to report that our drinking water is safe and meets all Federal and State requirements.

Beau Chêne's water source is groundwater from two (2) wells that are owned by your Beau Chêne Homeowners Association. These wells were drilled and put into system service in 2000 to replace the original two Beau Chêne water wells. Well #3 (Source ID Number 1103006-003) is located at 681 Tete L'Ours Drive at the old Well #2 location. Well #4 (Source ID Number 1103006-004) is located at 817 Beau Chêne Drive at the site of original Well #1.

Common 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 land or through the ground, it dissolves naturally-occurring minerals and, in some cases, 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:

- *Microbial Contaminants* – such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic Contaminants* – such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and Herbicides* – which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic Chemical Contaminants* – including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- *Radioactive Contaminants* – which can be naturally-occurring or be the result of oil and gas production and mining activities.

A Source Water Assessment Plan (SWAP), conducted by the State of Louisiana Department of Environmental Quality, is now available from our office. This plan is an assessment of a delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources. According to the Source Water Assessment Plan, our water system had a susceptibility rating of 'medium'. If you would like to review the Source Water Assessment Plan, please feel free to contact our office at the number provided in the following paragraph.

Beau Chêne's water system is operated by State of Louisiana certified operators employed by The Earnest Corporation, management agent for the Beau Chêne Homeowners Association. The water system staff is charged with the professional performance of day to day decision making and operational/maintenance tasks that will insure excellent production, treatment and distribution of quality water to our community. The staff also assists the Beau Chêne Board of Directors in the immediate and long range planning in order to insure that our water system meets all Federal and State requirements. Your association's Board of Directors meets bimonthly at the Beau Chêne Country Club at 602 North Beau Chêne Drive. Meeting dates and times are available by calling Bill Maier at (985) 845-3565 and upon request at the administrative office.

In this report and the included tables you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

- *Constituents* – the component parts that make up our water other than Hydrogen and Oxygen (H<sub>2</sub>O). These constituents are referred to as contaminants.
- *Non-Detects (ND)* – laboratory analysis indicates that the constituent is not present.
- *Parts per million (ppm) or Milligrams per liter (mg/l)* – one part per million corresponds to one minute in two years or a single penny in \$10,000.
- *Parts per billion (ppb) or Micrograms per liter (ug/L)* – one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- *Action Level* – the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.
- *Method Detection Limit (MDL)* – the lowest of minimum level that a laboratory can detect with a 95% confidence using the method employed to provide a result.
- *Maximum Contaminant Level* – The “Maximum Allowed”(MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

- *Maximum Contaminant Level Goal* – The “Goal” (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

The Louisiana Department of Health and Hospitals/Office of Public Health routinely monitors for constituents in your drinking water in accordance to Federal and State laws. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It’s important to remember that the presence of these constituents does not necessarily pose a health risk. Federal and State regulations have established a maximum contaminant level (MCL) for specific potentially harmful contaminants. These contaminants are called Regulated Contaminants. There were NO MCL VIOLATIONS during the 2010 sampling period.

During the period covered by this report we had the below noted violations of drinking water regulations.

Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2010			

Our water system tested a minimum of 5 samples per month during 2010 in accordance with the Total Coliform Rule for microbiological contaminants. During the monitoring period covered by this report, we had the following noted detections for microbiological contaminants:

Microbiological	Result	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2010				

In the tables below, we have shown the regulated contaminants that have detectable levels. All are below their maximum contaminant level. These samples, except of Lead and Copper results, were collected at the raw water source and represent water before any treatment, blending or distribution. As such, the consumer tap levels could be less. Chemical sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Regulated Contaminants	Collection Data	Highest Value	Range	Unit	MCL	MCLG	Typical Source
FLUORIDE	1/28/2008	0.11	0.11	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Lead & Copper	Date	90 <sup>th</sup> Percentile	95 <sup>th</sup> Percentile	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2008 – 2010	0.1	0.2	ppm	1.3	0	Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservations
LEAD	2008 – 2010	2	2	Ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Radionuclides	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2010							

DBP Contaminants	Monitoring Period	RAA	Range	Unit	MCL	MCLG	Typical Source
TTHM	1/1/2010-12/31/2010	0.50	0.4-0.6	ppb	80	0	By-product of drinking water chlorination
HAAS	1/1/2010-12/31/2010	1.00	0.9-1.1	ppb	60	0	By-product of drinking water chlorination

++++++**Environmental Protection Agency Required Health Effects Language**++++++

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. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

There are no additional required health effects notices.

There are no additional required health effects violation notices.

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We are very proud to report to you that Beau Chêne’s drinking water is safe and meets or exceeds all Federal and State requirements. Please be assured that in our continuing efforts to maintain our safe and dependable water supply, we will make any necessary improvements to benefit all our customers. Thank you for allowing us to continue providing you with clean, quality water this year.

If you have any questions about this report or concerning your water utility, please contact General Manager, Bill Maier or Development Engineer, David Vinson at (985) 845-3565. Copies of the 2010 Consumer Confidence Report will not be mailed to customers, but are available at the Beau Chêne Administrative Office at 105 Beau Chêne Boulevard, Suite 100.

Your Beau Chêne Water System employees work diligently to provide top quality water to every customer 365 days each year. We are proud of the results of our efforts as reported in this the 2010 Annual Drinking Water Quality Report. We ask you, our customers and residents of the Beau Chêne Community, to help us in our conservation and water source protection efforts as we continue to provide **SAFE, QUALITY WATER** to all.