BEAU CHÊNE HOMEOWNERS ASSOCIATION, INC.
105 Beau Chêne Blvd., Suite 102, Mandeville, LA 70471
Phone: (985) 231-6285 Fax: (985) 231-6286
Website: **www.bchoa.org**

2024 Annual Drinking Water Quality Report
Beau Chêne Water System
Public Water Supply ID: LA1103006

June 1, 2025

Dear Beau Chene Residents,

Your Beau Chene Homeowners Association staff are pleased to present the **2024 Annual Drinking Water Quality Report** to the residents of the Beau Chene Community. This annual report is mandated by the 1996 Safe Drinking Water Act and must be made available to all customers prior to July 1 of each year. It is designed to inform you about the quality of the water and the services we provide daily.

We want you to understand the extensive efforts we undertake to continually improve our water treatment processes, distribution systems, and the protection of our water resources. Our top priority is to provide you with a safe and reliable supply of high-quality drinking water.

We are proud to report that our drinking water is safe and meets all Federal and State regulations.

Water System Performance and Accountability

Act 98 of the Louisiana Legislature required the Louisiana Department of Health (LDH) to implement an accountability process for Community Water Systems (CWS). In response, the LDH developed a Letter Grade Schedule, which evaluates water systems based on:

- Federal and State water quality violations
- Financial sustainability
- Operational and maintenance performance
- Infrastructure standards
- Customer satisfaction
- Levels of secondary contaminants

We are pleased to announce that the **Beau Chene Water System received a letter grade of "A" for 2024, scoring 110 out of a possible 100 points**—a testament to our commitment to excellence.

You can view this report on our website at:
www.bchoa.org/information/documents-forms
Look for the file titled: LA1103006 Water Grade_2024.pdf

Our Water Source

Beau Chene's water is sourced from groundwater drawn from two wells, both owned and maintained by your Beau Chene Homeowners Association. These wells were drilled and placed into service in 2000, replacing the original wells.

- Well #3 (Source ID: 1103006-003) - Located at: 681 Tete L'Ours Drive
- Well #4 (Source ID: 1103006-004) - Located at: 817 Beau Chene Drive

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. It can also 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 wells through which contaminants, if present, could migrate and reach our source of 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 Chene's water system is operated by State of Louisiana certified operators employed by the Beau Chene Homeowners Association. The water system staff is charged with the professional performance of day-to-day decision making and operational/maintenance tasks that will ensure excellent production, treatment and distribution of quality water to our community. The staff also assists the Beau Chene Board of Directors in the immediate and long-range planning to ensure that our water system meets all Federal and State requirements. Your homeowner association's Board of Directors meets bimonthly at the Beau Chene Country Club at 602 North Beau Chene Drive. Meeting dates and times are available by calling the administrative office at (985) 231-6285, as well as on our website at www.bchoa.org/information/documents-forms.

To ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health. We want our valued customers to be informed about their water utility. If you have any questions about this report or simply want to learn more about your drinking water, please contact Roy Hutchinson at (985) 231-6285.

The Louisiana Department of Health and Hospitals – Office of Public Health (DHH-OPH) routinely monitors for contaminants in your drinking water according to Federal and State laws. The tables that follow show the results of monitoring during the period of January 1, 2024 – December 31, 2024. Drinking water, including bottled water, may

reasonably be expected to contain at least some small amounts of contaminants. The presence of contaminants does not necessarily indicate that water poses 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.

In this report and the tables included, 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 (H2O). These constituents are referred to as contaminants.
- *Treatment Technique (TT)* – an enforceable procedure or level of technological performance of public water systems must follow to ensure control of a contaminant

- *Non-Detects* (ND) – laboratory analysis indicates that the constituent is not present

- *Picocuries per liter (pCi/L)* – a measure of the radioactivity of water

- *Nephelometric Turbidity Unit (NTU)* – a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

- *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 (AL)* – 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 or 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 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.

- *Maximum Residual Disinfectant Level (MRDL)* – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

- *Maximum Residual Disinfectant Level Goal (MRDLG)* – The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

- Highest RAA – The highest running annual arithmetic average, computed quarterly, of monthly samples' chlorine residuals

- Level 1 Assessment – A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

- Level 2 Assessment – A very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

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

Type	Category	Analyte	Compliance Period
NO WATER QUALITY VIOLATIONS OCCURRED IN THE CALENDAR YEAR 2024			

Our water system tested a minimum of 5 samples per month during 2024 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:

Disinfectant	Date	Highest RAA	Unit	Range	MRDL	MRDL G	Typical Source
CHLORINE	2024	1.6	ppm	0.53 - 3.0	4	4	Water additive used to control microbes

In the tables below, we have shown the regulated contaminants that were detected. All are below their maximum contaminant level (MCL). These samples, except for Lead and Copper results, were collected at the raw water source and represent water before 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, the information provided in this table refers back to the latest year of chemical sampling results.

The State of Louisiana regularly monitors source water per State and Federal Regulations. Treated water samples are monitored to further evaluate compliance.

Source Water Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCL G	Typical Source
FLUORIDE	4/3/2022	0.1	0 - 0.1	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Source Water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCL G	Typical Source
COMBINED RADIUM (-226 & -228)	4/3/2022	0.452	0 - 0.452	pCi/l	5	0	Erosion of natural deposits
RADIUM-226	4/3/2022	0.452	0 - 0.452	PCI/L	5	0	Erosion of natural deposits

Lead and Copper	Date	90TH Percentile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2020 - 2023	0.4	0 - 0.5	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2020 - 2023	0	0 - 1	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	137 ACADIAN LANE	2023 - 2024	2	2.33	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	205 MAKO NAKO	2023 - 2024	2	2.27	ppb	60	0	By-product of drinking water disinfection
TTHM	137 ACADIAN LANE	2023 - 2024	3	2.7	ppb	80	0	By-product of drinking water chlorination
TTHM	205 MAKO NAKO	2023 - 2024	3	3.2	ppb	80	0	By-product of drinking water chlorination

Source Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
HARDNESS, TOTAL (AS CACO3)	4/3/2022	5.4	2.9 - 5.4	MG/L	0
MANGANESE	4/3/2022	0.03	0.02 - 0.03	MG/L	0.05
PH	4/3/2022	8.22	7.5 - 8.22	PH	8.5
POTASSIUM	4/3/2022	0.4	0.2 - 0.4	MG/L	0
SODIUM	4/3/2022	61.6	55.6 - 61.6	MG/L	0
SULFATE	4/3/2022	10	9 - 10	MG/L	250

Treated Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
MANGANESE	11/3/2024	0.03	0.02 - 0.03	MG/L	0.05

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

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people such as individuals with cancer undergoing chemotherapy, people 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 microbial contaminants are available from the Safe Drinking Water Hotline (800–426–4791).

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. BEAU CHENE WATER SYSTEM is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes

by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact BEAU CHENE WATER SYSTEM and ROY HUTCHINSON BUS Phone: 985-231-6285. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at http://www.epa.gov/safewater/lead.

There are no additional required health effects notices.

There are no additional required health effects violation notices.

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We are pleased to report that the Beau Chene Water System continues to provide safe, high-quality drinking water that meets or exceeds all Federal and State regulatory standards. Ensuring a reliable and secure water supply remains one of our highest priorities, and we are committed to making ongoing improvements that benefit all our customers.

If you have any questions about this report or the Beau Chene Water Utility, please contact Roy Hutchinson, Director of Public Works, at (985) 231-6285.

Copies of the 2024 Consumer Confidence Report will be mailed to all customers. Additional copies are available at the Beau Chene Administrative Office, located at 105 Beau Chene Boulevard, Suite 102, and online at www.bchoa.org/information/documents-forms.

Our dedicated water system employees work around the clock—365 days a year—to ensure every customer has access to safe, dependable drinking water. We take great pride in the positive results reflected in this year's report and invite all members of our community to support our ongoing water conservation and source protection efforts. Together, we can continue to ensure high-quality water for every household in Beau Chene.

On behalf of the Beau Chene Homeowners Association, thank you for your continued trust in our stewardship of the community's water system.

Sincerely,

Roy Hutchinson
Director of Public Works
Beau Chene Homeowners Association