

LILLY GROVE SPECIAL UTILITY DISTRICT

An EEO Employer

7435 FM 1638

NACOGDOCHES, TX 75964

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MAY 2024

ANNUAL NEWSLETTER AND CONSUMER CONFIDENCE REPORT FOR 2023

Enclosed is our Consumer Confidence Report for 2023. This report is our opportunity to inform you of the quality of the water we provide. If you have any questions or need additional information about our water or system, please call or visit our business office on FM 1638.

BILL PAYING: Bills can be paid at Cadence Bank or Commercial Bank. You may pay at the office with a money order or check via the slot in the door. You may also go to www.lillygrovesud.com to pay on line. We do not accept any cash payments at the office. Mail address: Lilly Grove C/O Cadence Bank, 2400 North Street, Nacogdoches Tx 75965, or you can mail directly to office – See address above.

PAY BY DRAFT: We have an easier means of paying your water bill than mailing a check or going to the bank. Paying by bank draft is the answer. It's easy, convenient, and secure. Just stop by the office with a blank check and we do the rest. No more late fees. All of your banking information used in bank drafts remains in our office and is given to no one. We do not sell or share our mailing list with anyone.

BUSINESS OFFICE PROCEDURES: Our office is open Tuesdays, Wednesdays and Thursdays from 9 am until 5 pm, closed for lunch 1pm – 2 pm. If you have water emergency (breaks or out of water) that needs our system operators, please call Jay Hyett 936-615-5919 or Boyd Dueboay 239-3070. Please do not call the operators about any questions concerning the bills or work orders. The operators cannot answer any questions concerning your bills. For billing questions please call Nichol Daniel during business office hours.

REMEMBER CALL BEFORE YOU DIG. You must call the office before you dig to ensure you do not hit a water line, if you do not call and hit a water line you will be billed for the time, water and equipment used. If it is after hours an additional charge will be applied to your bill. If the bill is not paid your water will be turned off until the bill is paid.

Lilly Grove now has a TCEQ License Backflow Inspector - If you have a backflow, you may call the office for an appointment, the service is at NO COST for all Lilly Grove Customers.

If you have an email address and would like to receive updates, boil water notices etc., please contact the office with that information. Please visit our website for any notices.

Our monthly board meetings are on the second Tuesday in each month, 6:15 at the office. Address and telephone number above.

Donna Harris

General Manager

LILLY GROVE SUD ID Number 1740014

Information about Source Water Assessment

CEQ 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 (CCR) For more information on source water assessments and protection efforts at our system contact Boyd Dueboay or Donna Harris at 936-569-9292

| Source Water Name and Address | Type of Water |
|---|--------------------------------|
| Handpipe 1 & 2 - 098 CR 811 Nacogdoches, TX | Ground Water - Carrizo Aquifer |
| at Plant - 271 Bradshaw Lane- Nat, TX | Ground Water - Carrizo Aquifer |
| ier Plant - 5973 CR 1638 , Nacogdoches, TX | Ground Water - Wilcox Aquifer |
| artin Plant - 877 CR 811, Nacogdoches, TX | Ground Water - Carrizo Aquifer |

Source Water Assessment link: <http://www.tceq.texas.gov/gis/swview>

inking Wager Link: <http://dw2.tceq.texas.gov/DWV>

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water. 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 EPA's Safe Drinking Water Hotline at (800) 426-4791.

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 storm water 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 storm water 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 storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order 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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health. Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

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

present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from material and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of material used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

CEQ 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 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 Lilly Grove 936-569-9292

2023 Consumer Confidence Report for Public Water System LILLY GROVE SUD

This is your water quality report for January 1 to December 31, 2023

Water Loss - In the water audit submitted to the Texas Water Development Board for the time period of Jan - Dec 2023 our system loss an Est 14,353,600 gallons of water. If you have any questions about our water loss please call the office.

Lilly Grove SUD provides ground water from the Carrizo and Wilcox Aquifer located in Nacogdoches

Definitions and Abbreviations - the follow tables contain scientific terms and measures, some of which may require explanations.

| | |
|--|--|
| Action Level: | The concentration of a contaminant which, if exceeded, triggers treatment or other requirements |
| Action Level Goal (ALG): | The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allows for a margin of safety. |
| Avg: | Regulatory compliance with some MCLs are based on running average of monthly samples. |
| Level 1 Assessment: | A level 1 assessment is 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 level 2 assessment is 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 |
| Maximum Contaminant Level or MCL: | The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLs as feasible using the best available treatment technology |
| Max Contaminant Level Goal or MCLG: | 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. |
| Max residual disinfectant level or 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. |
| Max residual disinfectant level goal of MRDLG: | The level of a drinking water disinfectant below which there is no known or expected risk to health MRDLGs do not reflect the benefits of the use of disinfectant to control microbial contaminants. |
| MFL: | Million fibers per liter (a measure of asbestos) |
| mem: | Millirems per year (a measure of radiation absorbed by the body) |
| na: | Not applicable |
| NTU: | Nephelometric turbidity units (a measure of turbidity) |
| pc/L | Picocuries per liter (a measure of radioactivity) |
| ppb: | Micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water. |
| ppm: | Milligrams per liter or parts per million - or one ounce in 7,350 gallons of water. |
| ppq: | Parts per quadrillion, or picograms per liter (pg/L) |
| ppt | Parts per trillion, or nanograms per liter (ng/L) |
| Treatment Technique or TT: | A required process intended to reduce the level of a contaminant in drinking water |

No Violations were issued to Lilly Grove SUD in the year 2023

Definitions: Action Level Goal (ALG) The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
 Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow

Lead and Copper

| Lead and Copper | Date | MCLG | Action Level (AL) | 90th Percentile | # Sites Over AL | Units | Violation | Likely source of Contamination |
|-----------------|-----------|------|-------------------|-----------------|-----------------|-------|-----------|---|
| Copper | 6/15/2021 | 1.3 | 1.3 | 0.125 | 0 | ppm | NO | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems; |
| Lead | 6/15/2021 | 0 | 15 | 1.38 | 0 | ppb | NO | Corrosion of household plumbing system; Erosion of natural deposits. |

Disinfectant Residual

| Disinfectant Residual | Year | Average Level | Range of Levels | MRDL | MRDLG Measure | Unit of Violation | Y/N | Source in Drinking Water |
|-----------------------|------|---------------|-----------------|------|---------------|-------------------|-----|---|
| Chlorine | 2023 | 1.21 | .6 - 1.9 | 4 | 4 | ppm | N | Water additive used to control microbes |

Regulated Contaminant

| Disinfection and Disinfection By-Products | Collection Date | Highest Level | Range of Level | MCLG | MCL | Units | Violation | Likely source of Contamination |
|---|-----------------|---------------|----------------|-----------------------|-----|-------|-----------|--|
| Halocetic Acids (HAA5) | 2023 | 18 | 18.4 - 18.4 | No goal for the total | 60 | ppb | NO | By-Product of drinking water chlorination. |
| Total Trihalomethanes (TTHM)* | 6/15/2022 | 48 | 48 - 48 | No goal for the total | 80 | ppb | NO | By-Product of drinking water chlorination. |

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 samples results collected at a location over a year
 Not all sample results may have been used for calculating the Highest Level Detected because some results may be part of an evaluation to determine where compliance sampling should occur in the future

| Inorganic Contaminants | Collection Date | Highest Level | Range of Level | MCLG | MCL | Units | Violation | Likely Source of Contamination |
|--------------------------------|-----------------|---------------|----------------|------|-----|-------|-----------|---|
| Barium | 6/15/2022 | 0.037 | 0.037 - 0.037 | 2 | 2 | ppm | NO | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits; |
| Fluoride | 6/24/2021 | 0.108 | 0.0465 - 0.108 | 4 | 4 | ppm | NO | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum |
| Nitrate (Measured as Nitrogen) | 5/9/2023 | 0.0351 | .0169 - .0351 | 10 | 10 | ppm | NO | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |

Nitrate Advisory - Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask ADVISE from your health care provider.

| Radioactive Contaminants | Collection Date | Highest Level | Range of Level | MCLG | MCL | Units | Violation | Likely Source of Contamination |
|--------------------------|-----------------|---------------|----------------|------|-----|-------|-----------|--------------------------------|
| Combined Radium 226/228 | 6/24/2021 | 1.5 | 1.5 - 1.5 | 0 | 5 | pCi/L | NO | Erosion of natural deposit |

**EPA consider 50 pCi/L to be the level of concern for beta particles