

Palo Duro Service Co Inc

2025 Water Quality Report

Consumer Confidence Report (CCR)

Du Chane Chateaux Public Water System



PWS ID
TX-1840100

Water Source
Groundwater Wells

Disinfectant
Free Chlorine

County
Parker County, TX

Contact Information

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Información Importante

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al teléfono (817) 244-2248.

About Your Water

We are pleased to present the 2025 Annual Water Quality Report (Consumer Confidence Report) for the period of January 1 through December 31, 2025. This report provides important information about your drinking water and the efforts made by Palo Duro Service Co to provide safe and reliable drinking water to our community.

Du Chane Chateaux uses groundwater wells located in Parker County, Texas. The Texas Commission on Environmental Quality (TCEQ) completed a source water assessment and determined that these sources have a low risk of potential contamination. Additional information about the source Water Assessment Program is available from TCEQ upon request.

SOURCE NAME	TYPE OF WATER	REPORTS STATUS	LOCATION
G1840100B	Ground Water	Active Source	Brandon Dr.
G1840100D	Ground Water	Active Source	Brandon Dr.
G1840100E	Ground Water	Active Source	Owen Cir.

Water Quality Highlighys

AVERAGE CHLORINE

1.00
ppm

LEAD 90th Percentile

1.1
ppb

VIOLATIONS

1
2025 Reporting Year
(Lead Consumer Notice Reporting)

Disinfectant Residual

All public water systems in Texas are required to disinfect drinking water to ensure control of microbial contaminants. Disinfectants are water additives used to control microbes.

Disinfectant	Year	Average Level	Unit	Range	MRDL/MRDLG GOAL
Free Chlorine	2025	1.00	ppm	0.24-3.10	4/4

Lead and Copper

Contaminant	Period	90th Percentile	Range	Unit	AL	Sites Over AL	Typical Source
Copper, Free	2023-2025	0.1394	0.0093-0.5831	ppm	1.3	0	Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservatives
Lead	2023-2025	1.1	0 - 6.6	ppb	15	0	Corrosion of household plumbing system; Erosion of natural deposits.

Regulated Contaminants

Contaminant	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
Barium	11/6/2025	0.05	0.05	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Chromium	11/6/2025	2.3	2.3	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride	11/6/2025	0.17	0.17	ppm	4	4	Erosion of natural deposit; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	11/6/2025	0.0319	0.0319	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Violations

Violation Period	Analyte	Violation Type	Violation Explanation
12/30/2025 - 3/19/2026	LEAD & COPPER RULE	LEAD CONSUMER NOTICE (LCR)	During the reporting period, the system received a monitoring / reporting violation related to Lead Consumer Notice requirements. Lead Consumer Notice were provided to the sampled customers within the required timeframe after laboratory results were received, and the required certification documents were submitted to the Texas Commission on Environmental Quality (TCEQ). Documentation Supporting timely delivery and submittal has been maintained by the water system. This violation was administrative in nature and was not related to elevated lead levels or the safety of the drinkig water.

Contaminants That May Be Present in Source Water

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 occur naturally or result from urban stormwater runoff, industrial wastewater discharges, oil and gas production, mining, or farming.

Pesticides & Herbicides

These contaminants may come from agriculture, urban stormwater runoff, and residential uses.

Organic & Radioactive Contaminants

Organic contaminants may come from industrial processes and petroleum production. Radioactive contaminants can occur naturally or from mining and oil and gas production activities.

Did You Know?

Pools are thirsty! An average backyard pool can lose about 1 inch of water per week due to evaporation – nearly 4,000 gallons per month during the summer.

Water Conservation Tip

Turning off the faucet while brushing your teeth can save up to 8 gallons of water per day.

EPA Drinking Water Information

In order to ensure that tap water is safe to drink, the United States Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems.

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 Safe Drinking Water Hotline at 1-800-426-4791.

Lead in Drinking Water

If present, elevated levels of 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. Palo Duro Service Co is responsible for providing high quality drinking water, but cannot control the variety of materials 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 at www.epa.gov/safewater/lead

Lead Service Line Inventory

Palo Duro Service Company has developed an inventory of both utility-owned and customer-owned service lines in the Du Chane Chateaux water system.

To access the inventory, please visit www.palodurowater.com under the Forms & Reports tab, Customers may also request a hard copy by contacting our office at 817-244-2248.

Important Definitions

Action Level (AL)

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Level 1 Assessment

A study of the water system to identify potential problems and determine why total coliform bacteria have been found in the water system.

Maximum Contaminant Level (MCL)

The highest level of a contaminant that is allowed in drinking water.

Maximum Residual Disinfectant Level (MRDL)

The highest level of a disinfectant allowed in drinking water.

Treatment Technique (TT)

A required process intended to reduce the level of a contaminant in drinking water.

RAA / LRAA

Running Annual Average / Locational Running Annual Average.

ppb

Micrograms per liter (ug/L) or parts per billion.

pCi/L

Picocuries per liter, a measure of radioactivity in water.

Action Level Goal (ALG)

The level of a contaminant in drinking water below which there is no known or expected risk to health.

Level 2 Assessment

A detailed study of the water system to identify potential problems and determine why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found multiple times.

Maximum Contaminant Level Goal (MCLG)

The level of a contaminant in drinking water below which there is no known or expected health risk.

Maximum Residual Disinfectant Level Goal (MRDLG)

The level of a drinking water disinfectant below which there is no known or expected health risk.

Avg

Regulatory compliance with some MCLs are based on running annual averages of monthly samples.

mrem

Millirems per year, a measure of radiation absorbed by the body.

ppm

Milligrams per liter (mg/L) or parts per million.

na

Not applicable.