



2020 Annual Drinking Water Quality Report

CITY OF HUDSON OAKS DYEGARD

210 Hudson Oaks Dr
Hudson Oaks, TX 76087



www.hudsonoaks.com



Telephone Number: 682-229-2400



City of Hudson Oaks (PWS 1840126)



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Telephone Number: 682-229-2400

Public Participation Opportunities:

When: Monday- Friday

Time: 8AM-5PM

Location: 210 Hudson Oaks Dr.
(City Hall)

Phone Number: 682-229-2400

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. (682) 229-2400, para hablar con una persona bilingue en español.

The City of Hudson Oaks provides treated groundwater from the Trinity Aquifer in Parker County and purchases treated surface water from the City of Weatherford from Lake Benbrook in Tarrant County, Texas. The water quality data from the City of Weatherford and the City of Hudson Oaks are presented the following page(s).

In accordance with TCEQ (Texas Commission on Environmental Quality) regulations we are providing the attached information regarding water quality. This is a routine procedure, not an indication of any problems with our water supply. For your protection TCEQ requires that we monitor numerous substances that may be present in water. The attached charts list these possible contaminants, the maximum allowed levels, test results.

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; those 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 provider. Additional guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline at (800) 426-4791.

ABBREVIATIONS & DEFINITIONS USED IN TABLES

90th Percentile: 90% of samples are equal to or less than the number in the chart.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Average (AVG): Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Maximum Contaminant Level (MCL): 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 (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.

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

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

NA: Not applicable

Nephelometric Turbidity Units (NTU): Measurement of the clarity, or turbidity, of water.

PPB: Parts per billion or micrograms per liter-one ounce in 7,350,000 gallons of water.

PPM: Parts per million or milligrams per liter-one ounce in 7,350 gallons of water.

pCi/L: Picocuries per liter (a measure of radioactivity).

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Turbidity: Turbidity is the measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

CITY OF HUDSON OAKS (PWS 1840126)

TCEQ 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. For more information on source water assessments and protection efforts at our systems contact:

Ricky King at (682) 229-6891

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90 th Percentile	# Sites Over AL	Units	Violations	Likely Source of Contamination
Copper	2020	1.3	1.3	0.069	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2020	15	3.2	3.2	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits

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Disinfection By-Product	Collection Date	Highest Level Detected	Range of Individual	MCLG	MCL	Units	Violations	Likely Source of Contamination
Haloacetic Acids (HAA5)	2020	2	0-1.5	No goal for the total	60	ppb	N	By-product of drinking water disinfection

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year'

Total Trihalomethanes (TTHM)	Collection Date	Highest Level Detected	Range of Individual	MCLG	MCL	Units	Violations	Likely Source of Contamination
Total Trihalomethanes (TTHM)	2020	6	0-7.4	No goal for the total	60	ppb	N	By-product of drinking water disinfection

*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year'

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violations	Likely Source of Contamination
Barium	07/09/2019	0.054	0.019-0.054	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	07/09/2019	0.55	0.55-0.55	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate (measured as Nitrogen)	2020	0.454	0.352-0.454	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violations	Likely Source of Contamination
Combined Radium 226/228	02/06/2018	3.9	0-3.9	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	02/06/2018	4	3-4	0	15	pCi/L	N	Erosion of natural deposits.
Uranium	02/06/2018	2.3	1.2-2.3	0	30	ug/l	N	Erosion of natural deposits.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Free	2020	0.70	0.33-1.43	4	4	ppm	N	Water additive used to control microbes.