



2017 Water Quality Report

817-531-5700 or E-mail at www.foresthilltx.org.

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. For more information regarding this report contact Roberto Duenes at 817-531-5700.

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono 817-531-5700 - Roberto Duenes.

Information for Immunocompromised People

The exact wording shown below is required by state regulations. The following information is not meant to alarm or scare you. It is meant to make you aware.

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 Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Water Loss

In a water loss audit for the time period of 2017, our system lost an estimated 51,231,294 gallons of water.

Lead and Copper Testing

Forest Hill conducted lead/copper testing at 30 sites in July, 2015. Results from Austin indicate that 93.4% of sites tested were lead/copper free with 6.6% above contaminant level. Testing for lead and copper will be done again in 2019 as required by law.

Abbreviations Used in Tables

MCL: Maximum Contaminant Level – 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.

MCLG: Maximum Contaminant Level Goal – 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.

MRDL: Maximum Residual Disinfectant Level – 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.

MRDLG: Maximum Residual Disinfectant Level Goal – 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 disinfectants to control microbial contaminants.

N/A - not applicable/does not apply

NTU – Nephelometric Turbidity Unit; a measure of water turbidity or clarity

pCi/L – Picocuries per liter; a measure of radioactivity

ppb – Parts per billion or micrograms per liter (µg/L)

ppm – Parts per million or milligrams per liter (mg/L)

TT: Treatment Technique – a required process intended to reduce the level of a contaminant in drinking water

TCEQ assesses raw water supplies

Fort Worth uses surface water from Lake Worth, Eagle Mountain Lake, Lake Bridgeport, Richland Chambers Reservoir, Cedar Creek Reservoir, Lake Benbrook and the Clear Fork Trinity River.

Fort Worth owns Lake Worth. The U.S. Army Corps of Engineers is responsible for Benbrook Lake. The other four lakes are owned and operated by Tarrant Regional Water District.

The Texas Commission on Environmental Quality completed an assessment of Fort Worth's source waters. TCEQ classified the risk to our source waters as high for most contaminants. High susceptibility means there are activities near the source water or watershed make it very likely that chemical constituents may come into contact with the source water. It does not mean that there are any health risks present.

Tarrant Regional Water District, from which Fort Worth purchases its water, received the assessment reports. For more information on source water assessments and protection efforts at our system, contact Stacy Walters at 817-392-8203.

Further details about the source-water assessments are available in the Texas Commission on Environmental Quality's Drinking-water Watch database at http://dww2.tceq.texas.gov/DWW/JSP/SWAP.jsp?tinwsys_is_number=5802&tinwsys_.

Addendum to Drinking Water Quality Test Results

Contaminant	Measure	MCL	MCLG	Your Water	Range	Violation	MCLG	Common Sources of Substance
Uranium	ppb	30	0	1.1	0 to 1.1	No		Erosion of natural deposits
Arsenic	ppb	10	0	2	0 to 2	No		Erosion of natural deposits; runoff from orchards; runoff from glass and production wastes.
Di (Ethyhexyl) phthalate	ppb	6	0	1.2	0.0 to 1.2	No		Discharge from rubber and chemical factories
Stinozine	ppb	4	4	0.06	0 to 0.06	No		Herbicide runoff
Bromate	ppb	10	0	2	0 to 13	No		By-product of drinking water disinfection

Unregulated Contaminants

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

Contaminant	Measure	MRDL	MRDLG	Your water	Range of Defects	Common Sources of Substance
Bromodichloromethane	ppb	Not regulated	0	7.81	3.37 to 7.81	By-products of drinking water disinfection; not regulated individually; included in Total Trihalomethanes
Chloroform	ppb	Not regulated	0.07	7.96	2.58 to 7.96	
Dibromochloromethane	ppb	Not regulated	0.06	8.51	4.33 to 8.51	By-products of drinking water disinfection; not regulated individually; included in Haloacetic Acids
Dibromoacetic Acid	ppb	Not regulated	N/A	15.3	11.9 to 15.3	
Dichloroacetic Acid	ppb	Not regulated	0	8.60	4.70 to 8.60	
Monobromoacetic Acid	ppb	Not regulated	N/A	3.10	1.60 to 3.10	

The above addendum was provided by the City of Fort Worth after publication of the 2017 Forest Hill Water Quality Report and is provided as a service. For more information on water quality, please contact Public Works at 817-531-5700..

Drinking Water Quality Test Results

Contaminant	Measure	MCL	MCLG	Your Water	Violation	Common Sources of Substance
FORT WORTH TESTING:						
Turbidity	NTU	TT=1 TT = Lowest monthly % samples = 0.3 NTU	N/A	0.6 99.8%	No	Soil runoff (Turbidity is a measure of the cloudiness of water. It is monitored because it is a good indicator of the effectiveness of the filtration system.

Contaminant	Measure	MCL	MCLG	Your Water	Violation	Common Sources of Substance
Total Coliforms (including fecal coliform & E.coli)	% positive samples	Presence in 50% or less of monthly samples	0	0	No	Coliforms are naturally present in the environment as well feces; fecal coliforms and E.coli only come from human and animal fecal waste

Contaminant	Measure	MCL	MCLG	Your Water	Range	Violation	MCLG	Common Sources of Substance
Beta particles & photon emitters	pCi/L	50	0	5.6	4.4 to 5.6	No		Decay of natural and man-made deposits of certain minerals that are radioactive and may emit radiation known as photons and beta radiation
Combined Radium	pCi/L	5	0	2.5	N/A	No		
Arsenic	ppb	10	0	2	0 to 2	No		Erosion of natural deposits; runoff from orchards; runoff from glass and production wastes.
Atrazine	ppb	3	3	0.1	0.0 to .01	No		Discharge from petroleum refineries, fire retardants, ceramics, electronics, solder, test addition
Barium	ppm	2	2	0.08	0.06 to 0.08	No		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Chromium (Total)	ppb	100	100	1.6	0 to 1.6	No		Discharge from steel & pulp mills, erosion of natural deposits
Cyanide	ppb	200	200	57.0	0 to 57.0	No		Discharge from plastic, fertilizer, steel & metal factories,
Flouride	ppm	4	4	0.66	0.32 to 0.66	No		Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer; aluminum factories
Nitrate (measured as Nitrogen)	ppm	10	10	0.760	0.13 to 0.76	No		Runoff from fertilizer use; leaching from septic tanks, sewage, erosion of natural deposits
Nitrite (measured as Nitrogen)	ppm	1	1	0.03	0.01 to 0.03	No		Runoff from fertilizer use; leaching from septic tanks, sewage, erosion of natural deposits
Bromate	ppb	10	0	1.9	0-5.5	No		By-product of drinking water disinfection
Haloacetic Acids	ppb	60	N/A	10	04 to 6.6	No		By-product of drinking water disinfection
Total Trihalomethanes	ppb	80	N/A	.13	.06 to 10.7.	No		By-product of drinking water disinfection

Contaminant	Measure	MRDL	MRDLG	Your water	Range	Common Source of Substance
Chloramines	ppm	4	4	3.9	1.5 to 4.3	Water additive used to control microbes

Contaminant	MCL	High	Low	Average	Violation	Common Source of Substance
Total Organic Carbon	TT=% Removal	1	1	1	No	Naturally occurring

It is used to determine disinfection by-product precursors. Fort Worth was in compliance with all monitoring and treatment technique requirements for disinfection by-product precursors.

Unregulated Contaminants

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

Contaminant	Measure	MRDL	MRDLG	Your water	Range of	Common Sources of Substance
Chloral Hydrate	ppb	Not regulated	0	0.70	0.18 to 0.70	By-product of drinking water disinfection
Bromoform	ppb	Not regulated	0	5.68	1.19 to 5.86	
Bromodichloromethane	ppb	Not regulated	0	6.70	3.37 to 6.70	By-products of drinking water disinfection; not regulated individually; included in Total Trihalomethanes
Chloroform	ppb	Not regulated	0.07	7.96	4.21 to 7.96	
Dibromochloromethane	ppb	Not regulated	0.06	8.30	3.51 to 8.30	
Dibromoacetic Acid	ppb	Not regulated	N/A	14.7	9.27 to 14.7	
Dichloroacetic Acid	ppb	Not regulated	0	5.93	4.70 to 5.93	By-products of drinking water disinfection; not regulated individually; included in Haloacetic Acids
Monobromoacetic Acid	ppb	Not regulated	N/A	1.60	1.25 to 1.60	
Monochloroacetic Acid	ppb	Not regulated	0.07	0	0	
Trichloroacetic Acid	ppb	Not regulated	0.02	1.60	0 to 1.60	

Emergency Interconnection

From April 24 to April 25, 2017, Fort Worth used the emergency interconnection with the Trinity River Authority of Texas-Tarrant Water Supply Project to supply water to the Centreport portion of the Fort Worth distribution system while repairs were made. The volume of water was subsequently repaid to TRA-TCWSP the next day via the emergency interconnection. To obtain the TRA-TCWSP water quality data, please contact Public Works at 817-531-5700..

Forest Hill & Fort Worth - NO treatment violations

Water is tested monthly by the Texas Commission on Environmental Quality. **Neither Fort Worth nor Forest Hill had any treatment technique violations in 2017.**