



2015 — Celebrating Our 25th Anniversary

## Denton County Greenbelt Plan



**Upper Trinity** provides safe and reliable drinking water service to more than 25 communities and utilities in Denton and Collin Counties. We endeavor to provide water that meets or exceeds all Safe Drinking Water Standards established by the Environmental Protection Agency (EPA).

Upper Trinity has two water treatment plants - the **Taylor** plant in Lewisville and the **Harpool** plant in northeast Denton County. The treatment process at both plants assures that our Customers receive the best drinking water - for both taste and health.

This annual **Consumer Confidence Report (CCR)** summarizes the quality of drinking water provided to our Customers. The report is based on analysis of data from numerous EPA required tests. The EPA requires all water systems to test for over 100 specified contaminants. The chart on the inside lists all of the federally regulated or monitored contaminants detected in the Upper Trinity's drinking water.

Upper Trinity is leading a regional initiative for watershed protection - - to protect natural assets in the riparian zone along creeks and streams. With Denton County and the Upper Trinity Conservation Trust, we are preparing a greenbelt plan for the Denton County area - - to identify important greenbelt areas and riparian assets, and to create a common vision for preservation of these irreplaceable assets.

Greenbelts, like floodplains, streams, riparian areas and wetlands, are essential in protecting water quality, achieving environmental goals, providing recreational opportunities, and promoting the long-term economic health of communities.

Visit [www.DentonCountyGreenbeltPlan.com](http://www.DentonCountyGreenbeltPlan.com) to learn more and to get involved.

**For more information, please contact:**

**Upper Trinity Regional Water District**  
P.O. Box 305  
Lewisville, TX 75067  
972-219-1228  
[www.utrwd.com](http://www.utrwd.com)



**2015**

# Consumer Confidence Report

**A Report on the Quality of Drinking Water for Members & Customers served by Upper Trinity Regional Water District**



**Yes! Our Water Meets or Exceeds all State and Federal Standards.**

2015 WATER QUALITY REPORT						
WATER FROM UPPER TRINITY REGIONAL WATER DISTRICT CONSTITUENTS DETECTED FOR 2015						
	UTRWD Source Water	Name: Lewisville/Chapman Lakes	Type: Surface Water	Location: Denton/Delta and Hopkins Counties		
Date	Substance	Maximum Amount in UTRWD Water	Range in UTRWD Water	MCL	MCLG	Possible Source
<b>Regulated at the Treatment Plant</b>						
9/16/2015	Barium (ppb)	0.049	0.038 - 0.049	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
11/10/2015	Bromate (ppb)	3.60	ND - 3.60	10	0	Byproduct of drinking water disinfection
11/1/2015	Chloramines (ppm)	4.3	0.7 - 4.3	4.0*	4.0^	Water additive used to control microbes
9/21/2015	Cyanide (ppm)	ND	N/A	200	200	Discharge from steel/metal factories; Discharge from plastic and fertilizer factories
9/16/2015	Fluoride (ppm)	0.175	0.174 - 0.175	4.0	4.0	Water additive, erosion of natural deposits, discharge from fertilizer and aluminum factories
9/21/2015	Nitrate (ppm)	0.266	0.142 - 0.266	10	10	Fertilizer runoff, septic tanks, wastewater plant effluent, animal waste runoff.
1/27/2015	TOC (ppm)	6.00	2.88 - 6.00	TT	N/A	Naturally present in the environment
8/5/2015	Turbidity (NTU)	0.29	0.04 - 0.29	TT	N/A	Soil runoff.
* = MRDL ^ = MRDLG						
<b>Regulated in the Distribution System</b>						
9/16/2015	Total THM's (ppb)	15.6	N/A	80	N/A	Disinfection by-product.
9/16/2015	Total HAA's (ppb)	6.3	N/A	60	N/A	Disinfection by-product.
<b>Radioactive Contaminants</b>						
6/20/2011	Gross Beta Emitters (pCi/L)	4.4	ND - 4.4	50	0	Decay of natural and man-made deposits.
6/20/2011	Combined Radium (pCi/L)	1	ND - 1	5	0	Erosion of natural deposits
<b>Synthetic Organic Chemicals Including Pesticides and Herbicides</b>						
9/21/2015	Atrazine (ppb)	0.21	0.19 - 0.21	3	3	Herbicide runoff.
9/21/2015	Simazine (ppb)	ND	N/A	4	4	Herbicide runoff.
<p>You may be more vulnerable than the general population to certain microbial contaminants, such as <i>Cryptosporidium</i>, 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 <i>Cryptosporidium</i> are available from the Safe Drinking Water Hotline at (800) 426-4791. Upper Trinity continues to analyze our source water for the presence of <i>Cryptosporidium</i>. <b><u>Cryptosporidium has never been detected in any of the samples tested for Upper Trinity water.</u></b></p>						
<b>Definitions:</b>						
<p><b>MCL</b>- Maximum Contaminant Level: The highest level of a contamination that is allowed in drinking water.</p> <p><b>MCLG</b>-Maximum Contaminant Level Goal: The level of a contamination in drinking water below which there is no known or expected risk to health.</p> <p><b>MRDL</b>-Maximum Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of disinfectant is necessary for control of microbial contaminations.</p> <p><b>MRDLG</b>- Maximum Residual Disinfectant Level Goal: 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 disinfectants use to control microbes.</p> <p><b>NTU</b>: Nephelometric turbidity units. A measure of turbidity in water.</p> <p><b>pCi/L</b>: Picouries per liter. A measure of radioactivity in water equal to 10<sup>-12</sup> curies. Quantity of radioactive material producing 2.22 nuclear transformations per minute.</p> <p><b>ppb</b>: Parts per billion. One part per billion is roughly equal to one packet of artificial sweetener sprinkled into a Olympic-size swimming pool.</p>				<p><b>ppm</b>: Parts per million. One part per million approximates one packet of artificial sweetener sprinkled into 250 gallons of iced tea.</p> <p><b>TT</b>- Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.</p> <p><b>Turbidity</b>: A measure of the clarity of water. While turbidity has no known health effects, it can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing symptoms such as nausea, cramps, diarrhea, and associated headaches.</p> <p><b>TOC</b>-Total Organic Carbon: Has no known health affects. However, TOC provides a medium for the formation of disinfection by-products. These include trihalomethanes (THMs) and haloacetic acids (HAAs). Drinking water containing these by-products in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.</p>		
<b>THIS REPORT CONTAINS THE MOST RECENT DATA AVAILABLE IN ACCORDANCE WITH REGULATIONS.</b>						
<b>Este reporte incluye informacion importante sobre el agua para tomar. Para asistencia en espanol, favor de llamar al telefono (972-219-1228)</b>						
<p>For opportunities to participate in decisions that may affect water quality, Board Meetings are held on the first Thursday of the month, starting at 1pm. Additional resources can be found at <a href="http://www.utrwd.com">www.utrwd.com</a> or by calling 972-219-1228</p>						