

Recognized by the
Texas Water Utility Association as
"The Best Tasting Surface Water
in the State of Texas" in 2012.

Upper Trinity provides safe and reliable drinking water service to more than 25 communities and utilities in Denton and Collin Counties. Our priority task is to assure that the water we provide 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.



Thomas E. Taylor Water Treatment Plant - Lewisville, TX

We all Live in a Watershed



A watershed is the area around one's home, business and community, from which water drains to a common waterbody such as a stream or lake. Our individual actions in the watershed directly affect these valuable water resources.

To help communicate the important role watersheds have in the water supply for this region, over 200 signs have been installed along roadways and other locations in the Denton County area. These watershed signs serve as a constant reminder to keep it clean. Customers may request a sign for a needed location using the contact information below.

Upper Trinity is committed to preserving and protecting our drinking water - a precious resource. We promote water conservation and watershed protection to help extend the safety and adequacy of our existing water supplies - and for protecting water quality in streams and lakes too.

For more information, please contact:

Upper Trinity Regional Water District
P.O. Box 305
Lewisville, TX 75067
972-219-1228
www.utrwd.com



2012

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.**

2012 WATER QUALITY REPORT

WATER FROM UPPER TRINITY REGIONAL WATER DISTRICT CONSTITUENTS DETECTED FOR 2012

UTRWD Source Water^a

Name: Lewisville/Chapman Lakes

Type: Surface Water

Location: Denton/Delta and Hopkins Counties

Date	Substance	Maximum Amount in UTRWD Water	Range in UTRWD Water	Maximum Contaminant Level Allowed	Maximum Contaminant Level Goal	Possible Source
Regulated at the Treatment Plant						
2/15/2012	Fluoride (ppm)	0.35	0.19-0.35	4	4	Water additive, natural geology.
4/30/2012	Nitrate (ppm)	0.99	0.23-0.99	10	10	Fertilizer runoff, septic tanks, wastewater plant effluent, animal waste runoff.
5/11/2012	Turbidity (ntu)	0.21	0.04-0.21	0.3*	N/A	Soil runoff.
* Treatment Technique: MCL is achieved through coagulation, flocculation and filtration or membrane filtration.						
Regulated in the Distribution System						
4/30/2012	Total Trihalomethanes (ppb)	33	20-33	80	0	Disinfection by-product.
4/30/2012	Total Haloacetic acids (ppb)	8.1	4.8-8.1	60	0	Disinfection by-product.
Unregulated Contaminants¹						
4/29/2008	N-nitrosodimethylamine (ppb)	0.0028	0.0025-0.0028	NA	NA	Nitrosamines are chemical byproducts from the manufacture of numerous products including rubber, leather, and plastics. Foods such as bacon and malt beverages may also contain nitrosamines.

¹Unregulated 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 regulations is warranted.

Radioactive Contaminants

6/9/2009	Beta Emitters pCi/L	2.3	N/A	50	0	Decay of natural and man-made deposits.
6/9/2009	Alpha Emitters pCi/L	0.6	N/A	15	0	Decay of natural and man-made deposits.
6/9/2009	Radium 228 pCi/L	0.76	N/A	5	0	Decay of natural and man-made deposits.

Synthetic Organic Chemicals Including Pesticides and Herbicides

7/23/2012	Atrazine (ppb)	0.31	0.13-0.31	3	3	Herbicide runoff.
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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. Upper Trinity continues to analyze our source water for the presence of *Cryptosporidium*. *Cryptosporidium* has never been detected in any of the samples tested for Upper Trinity water.

Definitions:

Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water.

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

NTU: Nephelometric turbidity units. The unit used to measure the turbidity of water.

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

Turbidity: 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 organisms. These organisms include bacteria,

viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

pCi/L: Picocuries per liter. A measure of radioactivity in water equal to 10⁻¹² curies. Quantity of radioactive material producing 2.22 nuclear transformations per minute.

ppm: Parts per million. One part per million approximates one packet of artificial sweetener sprinkled into 250 gallons of iced tea.

ppb: Parts per billion. One part per billion is roughly equal to one packet of artificial sweetener sprinkled into an Olympic-size swimming pool.

**THIS REPORT CONTAINS THE MOST RECENT DATA
AVAILABLE IN ACCORDANCE WITH REGULATIONS.**

^aDue to a water main break, UTRWD's Castle Hills (DCFWS #1A) connection was supplied by the City of Lewisville water utilities via an emergency interconnect from December 17th to December 27th. For information on the City of Lewisville's water quality information, contact their Utility Service Information at 972-219-3440.