

2006 Annual Drinking Water Quality Report (Consumer Confidence Report)

Holmwood Utilities
P.O. Box 387, Lufkin, Texas 75902-0821
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Special Notice for the ELDERLY, INFANTS, CANCER PATIENTS, people with HIV/AIDS or other immune problems:

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The EPA/Centers for Disease Control and Prevention (CDC) guidelines on appropriate means to lessen the risk of infections by *Cryptosporidium* and other microbial contaminants are available from **the Safe Drinking Water Hotline (800-426-4791)**.

Public Participation Opportunities

Date: July 11, 2007
Time: 4:00 PM – 6:00 PM
Location: 210 Lufkin Avenue (ANRA Central Offices)
Phone No: (936) 632-7795
To learn more about future public meetings concerning your drinking water, please contact us. ANRA also welcomes public comments in writing mailed to : Angelina County FWSD #1, P.O. Box 821 Lufkin Texas, 75902.

Our Drinking Water Meets or Exceeds All Federal (EPA) Drinking Water Requirements

This report is a summary of the quality of the water we provide our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required tests and is presented in the attached pages. We hope this information helps you become more knowledgeable about what's in your drinking water.

WATER SOURCES: The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water before treatment include: microbes, inorganic contaminants, pesticides, herbicides, radioactive contaminants, and organic chemical contaminants.

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. 1-800-282-5634 para hablar con una persona bilingüe en español.

Where do we get our drinking water?

Our drinking water is obtained from GROUND water sources. It comes from the Jasper aquifer. The TCEQ has completed a Source Water Susceptibility for all drinking water systems that won their sources. The system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system, please contact us.

All Drinking Water May Contain Contaminants

When drinking water meets federal standards there may not be any health based benefits to purchasing bottled water or point of use devices. 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 **Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791)**.

Secondary Constituents

Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. The taste and odor constituents are called secondary constituents and are regulated by the State of Texas, not the EPA. These constituents are not causes for health concern. Therefore, secondaries are not required to be reported in this document but they may greatly affect the appearance and taste of your water.

About The Following Pages

The pages that follow list all of the federally regulated or monitored contaminants which have been found in your drinking water. The U.S. EPA requires water systems to test for up to 97 contaminants.

DEFINITIONS

Maximum Contaminant Level (MCL)

The highest permissible level of a contaminant 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 not known or expected health risk. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL)

The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG)

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 contamination.

Treatment Technique (TT)

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

Action Level (AL)

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

ABBREVIATIONS

NTU - Nephelometric Turbidity Units

MFL - million fibers per liter (a measure of asbestos)

pCi/L - picocuries per liter (a measure of radioactivity)

ppm - parts per million, or milligrams per liter (mg/L)

ppb - parts per billion, or micrograms per liter ($\mu\text{g/L}$)

ppt - parts per trillion, or nanograms per liter

ppq - parts per quadrillion, or picograms per liter

Inorganic Contaminants

Year (Range)	Contaminant	Average Level	Min. Level	Max. Level	MCL	MCLG	Unit of Measure	Source of Contaminant
2006	Barium	0.066	0.066	0.066	2	2	ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
2004	Gross beta emitters	4.8	4.8	4.8	50	0	pCi/L	Decay of natural and manmade deposits.

Organic Contaminants TESTING WAIVED, NOT REPORTED, OR NONE DETECTED

Maximum Residual Disinfectant Level

Year	Contaminant	Average Level	Min. Level	Max. Level	MCL	MCLG	Unit of Measure	Source of Disinfectant
2006	Chlorine Residual, Free	1.35	0.4	2.09	4	4	ppm	Disinfectant used to control microbes.

Disinfection Byproducts NOT REPORTED OR NONE DETECTED

Unregulated Contaminants NOT REPORTED OR NONE DETECTED

Lead and Copper

Year	Contaminant	90 th Percentile	Number of Sites Exceeding Action Levels	Action Level	Unit of Measure	Source of Disinfectant
2000	Lead	1.3	1	1.5	ppb	Corrosion of household plumbing systems; erosion of natural deposits.
2000	Copper	0.245	1	1.3	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

Turbidity NOT REQUIRED

Total Coliform REPORTED MONTHLY TESTS FOUND NO COLIFORM BACTERIA.

Fecal Coliform REPORTED MONTHLY TESTS FOUND NO FECAL COLIFORM BACTERIA.

Secondary and Other Constituents Not Regulated

(No associated adverse health effects)

Year or Range	Constituent	Average Level	Min. Level	Max. Level	Secondary Limit	Unit of Measure	Source of Constituent
2004	Bicarbonate	124	124	124	NA	ppm	Corrosion of carbonate rocks such as limestone.
2006	Calcium	1.8	1.8	1.8	NA	ppm	Abundant naturally occurring element.
2004	Chloride	11	11	11	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity.
2006	Copper	0.007	0.007	0.007	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2006	Iron	1.315	1.31	1.32	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2006	Manganese	0.0166	0.0166	0.0166	.05	ppm	Abundant naturally occurring element.
2006	Nickel	0.005	0.005	0.005	NA	ppm	Erosion of natural deposits.
2004	pH	7.3	7.3	7.3	7	units	Measure of corrosivity of water.
2006	Sodium	7	7	7	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2004	Sulfate	8	8	8	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2004	Total Alkalinity as CaCO ₃	102	102	102	NA	ppm	Naturally occurring soluble mineral salts.
2004	Total Dissolved Solids	245	245	245	1000	ppm	Total dissolved mineral constituents in water.
2006	Total Hardness as CaCO ₃	5	5	5	NA	ppm	Naturally occurring calcium.
2006	Zinc	0.182	0.182	0.182	5	ppb	Moderately abundant naturally occurring element; used in the metal industry.



ANRA
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Angelina & Neches River Authority