

2006 Annual Drinking Water Report Quality Report

(Consumer Confidence Report)

for

Emerald Bay Municipal Utility District

Phone Number: (903) 825-6960

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 infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Public Participation Opportunities

The District Board of Directors holds regularly scheduled monthly board meetings on the 3rd Monday of each month at 10:00 AM at the Emerald Bay Club House, 203 South Bay Drive, Bullard, TX 75757

If you have a particular question regarding your drinking water please call us at: **(903) 825-6960**. All calls are returned.

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

This report is a summary of the quality of water we provide to our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required test 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 materials, and can pick up substances resulting from the presence 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 este informe en español, favor de llamar al tel. (903) 825-6960 – Para hablar con una persona bilingue en español.

Where do we get our drinking water?

Our drinking water comes from the **Carrizo/Wilcox Aquifer**. A Source Water Susceptibility Assessment is being updated by the Texas Commission on Environmental Quality and will be provided to us this year. The report will describe the susceptibility and types of constituents that may come into contact with your drinking water source based on human activities and natural conditions. The information contained in the assessment will allow us to focus on our source water protection strategies. 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 be reasonably expected to contain at least small amounts of some contaminants. The presence of some 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 EPA's Safe Drinking Water Hotline (1-800-426-4791).

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, and not the EPA. These constituents are not causes for health concern. Therefore, secondary's are not required to be reported in this document but may greatly affect the appearance and taste of your water.

About the following pages

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

DEFINITIONS

Maximum Contaminant Level (MCL)

The highest permissible level of contaminant in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG)

The level of contaminant level in drinking water below which there is no known or expected health risk. MCLG's 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 drinking water disinfectant which there is no known or expected risk to health. MRDLG’s 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 contaminant in drinking water.

Action Level

The concentration of a contaminant which, if exceeded, triggers treatment or other requirement 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 (ug/L)
- ppg** – parts per quadrillion, or pictograms per liter

Results

- Inorganic Contaminants:** NOT TESTED OR REPORTED, OR NONE DETECTED
- Organic Contaminants:** TESTING WAVED, NOT REPORTED, OR NONE DETECTED
- Disinfection Byproducts:** NOT REPORTED OR NONE DETECTED
- Unregulated Contaminants:** NOT REPORTED OR NONE DETECTED
- Lead and Copper:** TESTING WAVED, NOT REPORTED, OR NONE DETECTED
- 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:** NOT REPORTED OR NONE DETECTED
(No Associated Adverse Health Effects)

Maximum Residual Disinfectant Level

Systems must complete and submit disinfection data on the **Disinfection Level Quarterly Operating Report (DLQOR)**. On the CCR report the system must provide disinfection type, minimum, maximum and average levels.

Year	Disinfectant	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Source of Chemical
2006	Chlorine	1.545	1.000	1.880	4.0	<4.0	ppm	Gas