

2006 Annual Drinking Water Quality Report (Consumer Confidence Report)

Harris County MUD No. 368
PWSID #1011908

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.

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)

Harris County MUD No. 368 Board of Directors Message

The Board of Directors of Harris County MUD No. 368 is pleased to give you this report about our drinking water based on 2006 test results. The District is required by the Federal Safe Drinking Water Act to send the report each year. The content of the report is specified by the State of Texas. If you have any difficulties in reading or understanding the report, please call our operator at the number below. **The Board believes that the most important information contained in the Report is that the District's water supply was found to meet the requirements set by the State and Federal government for drinking water.**

Please call the District's operator, Eagle Water Management, Inc. at 281-374-8989 if you have any questions regarding this report.

Harris County MUD No. 368
P.O. Box 11750
Spring, Texas 77391-1750

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. (281)374-8989- 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 following Aquifers. Jasper and Chicot. A Source Water Susceptibility Assessment for your drinking water sources is currently 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 our source water protection strategies. For more information on source water assessments and protection efforts at our system, please contact the Districts operator, Eagle Water Management, Inc. at 281-374-8989.

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 EPA's Safe Drinking Water Hotline (1-800-436-4791).

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.

Public Meetings

The Board meets on the first and third Thursday of each month at 6:30 P.M.. The meetings are held at Graceview Baptist Church. For additional information regarding the meeting call 281-374-8989. You may mail comments to:

Harris County MUD No. 368
Attn: Board of Directors
P.O. Box 11750
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Inorganic Contaminants

Year or Range	Contaminant	Average Level	Minimum Level	Maximum Level	MCL	MCLG	Unit of Measure	Source of Contaminant
2005	Arsenic	5	5	5	10	0	ppb	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
* The arsenic value was effective January 23, 2006. In the event of a violation, you will be notified.								
2005	Barium	0.2	0.2	0.2	2	2	ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
2005	Fluoride	1.6	1.6	1.6	4	4	ppm	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
2006	Nitrate	0.01	0.01	0.01	10	10	ppm	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

Maximum Residual Disinfectant Level

Year or Range	Disinfectant	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Source of Disinfectant
2006	Chlorine Residual, Free	2.01	1.5	2.8	4	4	ppm	Disinfectant used to control microbes.

Disinfection Byproducts

Year	Contaminant	Average Level	Minimum Level	Maximum Level	MCL	Unit of Measure	Source of Contaminant
2006	Total Trihalomethanes	1.6	1.6	1.6	80	ppb	Byproduct of drinking water disinfection

Unregulated Contaminants

Bromoform, chloroform, dichlorobromomethane, and dibromochloromethane are disinfection byproducts. There is no maximum contaminant level for these chemicals at the entry point to distribution.

Year or Range	Contaminant	Average Level	Minimum Level	Maximum Level	Unit of Measure	Source of Contaminant
2006	Chloroform	0.3	0	0.6	ppb	Byproduct of drinking water disinfection
2006	Bromoform	1.95	1.5	2.4	ppb	Byproduct of drinking water disinfection
2006	Bromodichloromethane	0.75	0	1.5	ppb	Byproduct of drinking water disinfection
2006	Dibromochloromethane	2.25	1	3.5	ppb	Byproduct of drinking water disinfection

Lead and Copper

Year	Contaminant	The 90th Percentile	Number of Sites Exceeding Action Level	Action Level	Unit of Measure	Source of Contaminant
2004	Lead	0.4	0	15	ppb	Corrosion of household plumbing systems; erosion of natural deposits.
2004	Copper	0.154	0	1.3	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

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 no 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.

Action Level (AL)

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

ABBREVIATIONS

- 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)