

# CERTIFICATION of DELIVERY CONSUMER CONFIDENCE REPORT

*For Calendar year 2010*

**Public Water System(PWS) Name :** MOSS WOODS

**PWS Id Number :** TX2470023

I certify that the community water system named above has distributed the Consumer Report (CCR) for the calendar year 2010 by mail or direct delivery to bill-paying customers. I certify that the above system has additionally made an adequate good faith effort to reach non bill-paying consumers by the appropriate methods indicated below. I certify that the report has been made available to non-English-speaking customers. Further, I certify that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to TCEQ.

**Date of Delivery:** 7/1/11

**Certified by:** Name (print) Melissa Bryant

Title Water Resources Community Development Engineer

Phone # 210/302-3611 Date 6/24/11

Signature 

**Check all items that apply.** This system **must** use at least one direct delivery method

Our CCR was distributed by mail or other direct delivery(such as doorknob hangers).

Specify other delivery methods: \_\_\_\_\_

**Check all items that apply. Use at least one good faith method** to reach people who do not get bills.

"Good faith" efforts were used to reach non-bill paying consumers.

Those efforts included the(check the method(s) that you used) :

Posting the CCR on the Internet at www.sara-tx.org

Mailing the CCR to people who get mail within the service area, but who do not pay water bills

Advertising the availability of the CCR in news media

Publishing of CCR in local newspaper

Posting the CCR in public places

Delivering multiple copies to single bill address serving several persons

Delivering multiple copies to community organizations

Systems serving 100,000 or more people must post your CCR on a publicly-accessible

Internet site address:

www. \_\_\_\_\_ (other systems are encouraged to provide this)

**Mail and postmark by July 1** (we recommend but do not require certified mail)

- This completed and signed form; and
- The completed Consumer Confidence Report that you sent to your customers:

**TO: Texas Commission on Environmental Quality**  
**PDWS - Mail Code 155, Attn: CCR**  
**12100 Park 35 Circle**  
**Austin, Texas 78753**

(Alternate Address: TCEQ/PDW, MC-155, Attn: CCR,PO Box 13087, Austin TX 78711-3087)



**2010 Annual Drinking  
Water Quality Report**  
*(Consumer Confidence Report)*

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**MOSS WOODS SUBDIVISION WATER SYSTEM**

Phone Number: 866/345-7272

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**SPECIAL NOTICE**

**Required language for ALL community  
public water supplies:**

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly or immunocompromised such as those undergoing chemotherapy for cancer; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with or other immune system disorders can be particularly at risk infections. You should seek advice about drinking water your physician or health care provider. Additional guidelines appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at (800) 426-4791.

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**Public Participation  
Opportunities**

**Date:** 8/17/11

**Time:** 2 pm

**Location:** San Antonio River Authority Boardroom,  
100 East Guenther St., San Antonio, Texas

**Phone Number:** 866/345-7272

To learn about future public meetings (concerning your drinking water), or to request to schedule one, please call us.

**OUR DRINKING WATER  
IS REGULATED**

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.

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**Source of Drinking Water**

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 include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

**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. (866) 3 4 5 - 7 2 7 2

-para hablar con una persona bilingüe en español.

## Where do we get our drinking water?

The source of drinking water used by MOSS WOODS SUBDIVISION WATER SYSTEM is Ground Water from the Wilcox Aquifer. A Source Water Susceptibility Assessment for your drinking water source(s) is currently being updated by the Texas Commission on Environmental Quality. This information describes 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 allows us to focus source water protection strategies. Some of this source water assessment information is available on Texas Drinking Water Watch at <http://dww.tceq.state.tx.us/DWW/>. 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 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 (1-800-426-4791).

### 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.

### Required Additional Health Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water supply is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

### 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
- ppt - parts per trillion, or nanograms per liter
- ppq - parts per quadrillion, or picograms per liter

### Definitions

Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum residual disinfectant level goal or 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 contaminants.
Maximum residual disinfectant level or MRDL:	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
mrem:	millirems per year (a measure of radiation absorbed by the body)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
na:	not applicable.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.

## 2010 Regulated Contaminants Detected

### Lead and Copper

Definitions:

**Action Level Goal (ALG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

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

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
<b>Copper</b>	2010	1.3	1.3	1.14	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
<b>Lead</b>	2010	0	15	3.53	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Year	Disinfectant	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Source of Chemical
2010	Chlorine	1.19	0.27	3.30	4.0	<4.0	ppm	Disinfectant used to control microbes

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Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

## Regulated Contaminants

Disinfectants and Disinfection By-Products	Collection Date	Highest Single Sample	Range of Levels Detected	MCL G	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)*	2010	4.2	4.2 - 4.2	No goal for the total	60	ppb	N	By-product of drinking water chlorination.

Total Trihalomethanes (TThm)*	2010	20.1	20.1 - 20.1	No goal for the total	80	ppb	N	By-product of drinking water chlorination.
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Inorganic Contaminants	Collection Date	Highest Single Sample	Range of Levels Detected	MCL G	MCL	Units	Violation	Likely Source of Contamination
Arsenic	2010	0.321	0.321 - 0.321	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Arsenic	2010	0.321	0.321 - 0.321		10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	2010	0.0372	0.0372 - 0.0372	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.

Chromium	2010	1.68	1.68 - 1.68	100	100	ppb	N	Discharge from steel and pulp mills; Erosion of natural deposits.
Fluoride	2010	0.48	0.48 - 0.48	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Selenium	2010	1.16	1.16 - 1.16	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Thallium	2010	0.028	0.028 - 0.028	0.5	2	ppb	N	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories.
<b>Radioactive Contaminants</b>	<b>Collection Date</b>	<b>Highest Single Sample</b>	<b>Range of Levels Detected</b>	<b>MCL G</b>	<b>MCL</b>	<b>Units</b>	<b>Violation</b>	<b>Likely Source of Contamination</b>
Beta/photon emitters	03/17/2009	11.2	11.2 - 11.2	0	50	pCi/L	N	Decay of natural and man-made deposits.
Gross alpha excluding radon and uranium	03/17/2009	3.2	3.2 - 3.2	0	15	pCi/L	N	Erosion of natural deposits.

## **Notice!**

**The 2010 Annual Drinking Water Quality Report  
(Consumer Confidence Report) is now available for:**

Moss Woods

You can obtain a copy of this report by calling

Melissa Bryant

866-345-7272

**or by**

Posted at the Water Plant or by going online @

[www.sara-tx.org](http://www.sara-tx.org)

under Public Resources / Water Quality Reports

## **Aviso!**

**El informe annual de la calidad del agua potable  
(informe de la confianza de consumidor) está  
disponible ahora para:**

Moss Woods

Usted puede obtener una copia de este informe

llamando nombre:

Melissa Bryant

866-345-7272

**o usted puede**

Visitar la planta de tratamiento de agua

o consulte el sitio web [www.sara-tx.org](http://www.sara-tx.org)

Public Resources / Water Quality Reports