

Annual Drinking Water Quality Report

TX1810175

CITY OF BRIDGE CITY WATERWOOD ESTATES

Annual Water Quality Report for the period of January 1 to December 31, 2015

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

For more information regarding this report contact:

Name : Mike Lund, Utility Superintendent

Phone: 409-735-6801

CITY OF BRIDGE CITY WATERWOOD ESTATES is Ground Water

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (409) 735-6801.

Sources 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 pickup substances resulting from the presence of animals or from human activity.

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 EPAs Safe Drinking Water Hotline at (800) 426-4791.

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.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

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; persons 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 providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

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. We are responsible for providing high quality drinking water, but we 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>.

Information about Source Water Assessments

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.

The TCEQ completed an assessment of your source water and the results indicate that some of your sources are susceptible to certain contaminants. The sampling requirements for your water system are based in this susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confidence Report(CCR). For more information on source water assessments and protection efforts at our system, contact Mike Lund, Utility Superintendent at 409-735-6801.

For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL: <http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtsrc=>

Further details about sources and source-water assessments are available in Drinking Water Watch at the following URL: <http://dww.tceq.texas.gov/DWW>

Source Water Name	Type of Water	Report Status	Location	
1 - PLANT / CR 5462	PLANT / CR 5462	GW	Y	Water well at Hwy 62

2015 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
Copper	08/27/2014	1.3	1.3	0.34	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	08/27/2014	0	15	.0051	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Water Quality Test Results

Definitions:	The following tables contain scientific terms and measures, some of which may require explanation.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
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 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 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.
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.
MFL	million fibers per liter (a measure of asbestos)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
ppt	parts per trillion, or nanograms per liter (ng/L)
ppq	parts per quadrillion, or picograms per liter (pg/L)

Regulated Contaminants

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)*	2015	14	14.3 - 15.6	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2015	94	89.5 - 94.2	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	12/16/2014	0.0688	0.0688 - 0.0688	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	01/30/2013	0.45	0.45 - 0.45	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2015	0.02	0.02 - 0.02	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	07/26/2012	1	1 - 1	0	5	pCi/L	N	Erosion of natural deposits.

Disinfectant Residual

Disinfectant	Year	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Likely Source of Contamination
Chlorine	2015	1.47	.55mg/L	2.70 mg/L	4	4	ppm	N	Water additive used to control microbes.

Violations Table

Lead and Copper Rule			
The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.			
Violation Type	Violation Begin	Violation End	Violation Explanation
LEAD CONSUMER NOTICE (LCR)	12/30/2014	03/02/2015	We failed to provide the results of lead tap water monitoring to the consumers at the location water was tested. These were supposed to be provided no later than 30 days after learning the results.

Opportunities for public participation in decisions that may affect the quality of the water or any other City matters:

City Council meetings are normally held the 1st and 3rd Tuesday of each month at 6:00 pm at the City Hall Council Chambers located at 260 Rachal St., Bridge City, TX 77611. Call 409-735-6801 or check the City's website at www.bridgcitytex.com for more information .

FAIR HOUSING PUBLIC SERVICE ANNOUNCEMENT
Public Service Announcement:
Fair Housing, It's the Law

To promote fair housing practices, the City of Bridge City encourages potential homeowners and renters to be aware of their rights under the National Fair Housing Law.

Title VIII of the Civil Rights Act of 1968, as amended, prohibits discrimination against any person on the basis of race, color, religion, sex, handicap, familial status or national origin in the sale or rental of units in the housing market.

For more information on fair housing or to report possible fair housing discrimination, call the U.S. Department of Housing and Urban Development's toll-free hotline at 1-800-669-9777.

WATER BILLS

Bills are due and payable upon receipt. Failure to receive bill does not entitle payment without penalty. If payment is not received by the 18th of each month, the bill shall be considered delinquent and a fee added. If the balance is not paid on or before the 28th of the subsequent month, your service will be disconnected and an additional fee shall be added. Charges will apply until City is notified for cancelation of service. You are allowed 4 extensions per year. If you believe that your bill is incorrect you may request a hearing within 10 days, to contest your bill or, if you need an extension, call the billing manager or City Manager at 409-735-6801.

Pay online at: www.bridgcitytex.com - fee applies. ~ ~ Have your bank account drafted monthly. ~ ~ Night deposit box available 24 hours.

SOLID WASTE

The City of Bridge City has contracted with Republic Services, Inc. for automated trash collection services.

Garbage Procedures:

1. Bagged household garbage must be placed inside the 96 gallon wheeled trash cart (Each City services customer is provided 1 cart at no charge).
2. No garbage will be picked up outside of this container.
3. **Cart must be placed at the curbside or edge of road by 7:00 am on scheduled collection day.** Call 409-735-6801 to find out your pick up day. Arrows on the cart lid indicate which side of the cart should face the street, but in general, the handle of the cart should face away from the street.
4. Cart must have 24 to 36 inches between it and a 2nd cart, pole or structure to allow room for the automated arm on the truck.
5. One (1) extra cart may be requested at an additional fee per month - call 409-735-6801 for an extra cart. No more than 2 carts per household.
6. If you live on a dead end street - the truck must back down the street to pick up carts. Place carts on the appropriate side of the street (traveling toward the dead end, all carts will need to be on the left side of street). Call 409-735-6801 if you have any questions.

Recycling Procedures:

A recycling center for residential recycling has been established at the City Public Works yard located at 220 Nitsche and will be open on Tuesday and Saturday from 9:00 am and 5:00 pm. Closed on Holiday weekends.

Materials Collected at Recycling Center:

1. Cans - clean aluminum, tin/steel containers
2. Paper - clean, dry, unsoiled newspaper, magazines and phone books
3. Plastic - clean *PETE* & *HDPE* containers (Milk jugs and soft drink containers)
4. Cardboard

Dumpsters:

Dumpsters are available for non-household trash and non-hazardous waste. Dumpsters are located at the City Public Works yard located at 220 Nitsche and will be open on Tuesday and Saturday from 9:00 am and 5:00 pm. Closed on Holiday weekends. You will need to bring proof of residency (water bill and drivers license). Charges apply (depending on the size of load) and will be billed to your water account.

Bulk Trash:

Bulk waste routes will run on a twice monthly basis by request only. Call 409-735-6801 no later than the 1st and 3rd Mondays of the month to request this pickup.

**ENCLOSED IS VERY IMPORTANT INFORMATION
REGARDING YOUR CITY SERVICES**

PLEASE READ CAREFULLY

CITY OF BRIDGE CITY
P. O. BOX 846
BRIDGE CITY, TX 77611-0846

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