City of Big Sandy

PO Box 986 ~ Big Sandy, Texas 75755
903.636.4343 ~ 903.636.4413 fax
cityofbigsandy@yahoo.com

June 26, 2017

The City of Big Sandy has the following water storage capacity:

One (1) elevated tank built in 1935, capacity 50,000 gallons
One (1) elevated tank built in 1989, capacity 200,000 gallons
One (1) ground storage tank built in 1935, capacity 50,000 gallons
One (1) ground storage tank built in 2005, capacity 87,000 gallons

The safe limit on water demand is 330,000 gallons per day. If this amount is exceeded, then a water conservation plan is put into effect.

WATER DISTRIBUTION:

The distribution system consists of four (4) high-lift service pumps and miles of 2" through 8" size lines. The lines consist of PVC, galvanized, asbestos cement, and cast iron. Service lines from the water main to the customer consist of PVC, copper and galvanized pipe.

DISINFECTANT:

The only treatment the city is required to do is the addition of chlorine. We are required to maintain at least a 0.2 ppm (parts per million) free chlorine residual at the furthermost point of our system.

TOTAL PUMPAGE:

The total gallons pumped in 2016 was 80,211,000. The city has approximately 720 customer connections.

CERTIFICATION:

Water systems must employ persons with certification from the state. The City of Big Sandy has two (2) certified operators. They are:

Everett (Skippy) McWilliams	"B" License
Scott Rogers	"C" License

Public Works Contact Telephone Number: City Hall 903.636.4343

After Hours Emergency Telephone Number: Police Dept. 903.636.4200

Annual Drinking Water Quality Report

TX2300001 CITY OF BIG SANDY

Annual Water Quality Report for the period of January 1 to December 31, 2016

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 EVERETT McWILLIAMS

Phone 903-636-4343

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono 903-636-4343

CITY OF BIG SANDY is Ground Water

3 WELLS
CARRIZO-WILCOX AQUIFER

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 pick up 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

The TCEQ completed an assessment of your source water and results indicate that our sources have a low susceptibility to contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confident Report. For more information on source water assesments and protection efforts at our system, contact EVERETT MEWILLIAMS

For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL: http://www.tceq.texas.gov/gis/swaview

Further details about sources and source-water assessments are available in Drinking Water Watch at the following URL: http://dww2.tceq.texas.gov/DWW/

Source Water Name		Type of Water	Report Status	Location
1 - MEASON ST.	MEASON ST.	GW	A	214 W. T+P AVE.
2 - PLANT 1/ MEASON ST.	PLANT1 MEASON ST.	GW	A	214 W. T+P AVE.
3 - PLANT 2 / COLLEGE ST	COLLEGE ST	GW	A	390 W. COLLEGE ST.

3- WELLS CARRIZO - WILCOX AQUIFER

The City Council meets the Third Tuesday of each month.
TIME: 6:00 P.M.
PLACE: CITY HALL
LOCATION: 100 N. TYLER ST.
TELEPHONE: 903-636-4343

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	2016	1.3	1.3	0.58	1	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2016	0	15	3.1	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.
Level 1 Assessment:	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
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.
Level 2 Assessment:	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
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.

Water Quality Test Results

mrem:	millirems per year (a measure of radiation absorbed by the body)
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.
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.
ppt	parts per trillion, or nanograms per liter (ng/L)
ppq	parts per quadrillion, or picograms per liter (pg/L)

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
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2010	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2011	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2013	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2014	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2015	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	07/01/2016	01/10/2017	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Public Notification Rule

The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency).

Violation Type	Violation Begin	Violation End	Violation Explanation
PUBLIC NOTICE RULE LINKED TO VIOLATION	01/01/2016	06/30/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	02/08/2016	04/05/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.

2269	2-HEXANONE	524.2	<	MRL	5 UG/L		
2243	ACETONE	524.2				5.4 UG/L	
2240	ACRYLONITRILE	524.2	<	MRL	5 UG/L		
2990	BENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2993	BROMOBENZENE	524.2	<	MRL	.5 UG/L		
2430	BROMOCHLOROMETHANE	524.2	<	MRL	.5 UG/L		
2943	BROMODICHLOROMETHANE	524.2				3.22 UG/L	
2942	BROMOFORM	524.2	<	MRL	1 UG/L		
2214	BROMOMETHANE	524.2	<	MRL	1 UG/L		
1902	CARBON DISULFIDE	524.2	<	MRL	.5 UG/L		
2982	CARBON TETRACHLORIDE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2989	CHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2216	CHLOROETHANE	524.2	<	MRL	1 UG/L		
2941	CHLOROFORM	524.2				3.26 UG/L	
2210	CHLOROMETHANE	524.2	<	MRL	.5 UG/L		
2380	CIS-1,2-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2228	CIS-1,3-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2944	DIBROMOCHLOROMETHANE	524.2				3.13 UG/L	
2408	DIBROMOMETHANE	524.2	<	MRL	.5 UG/L		
2212	DICHLORODIFLUOROMETHANE	524.2	<	MRL	1 UG/L		
2964	DICHLOROMETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2293	ETHYL METHACRYLATE	524.2	<	MRL	5 UG/L		
2992	ETHYLBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2246	HEXACHLOROBUTADIENE	524.2	<	MRL	.5 UG/L		
2994	ISOPROPYLBENZENE	524.2	<	MRL	.5 UG/L		
2967	M-DICHLOROBENZENE	524.2	<	MRL	.5 UG/L		
2247	METHYL ETHYL KETONE	524.2	<	MRL	5 UG/L		
2458	METHYL IODINE	524.2	<	MRL	.5 UG/L		
2249	METHYL ISOBUTYL KETONE	524.2	<	MRL	5 UG/L		
2295	METHYL METHACRYLATE	524.2	<	MRL	5 UG/L		
2251	METHYL TERT-BUTYL ETHER	524.2	<	MRL	.5 UG/L		
2422	N-BUTYLBENZENE	524.2	<	MRL	.5 UG/L		
2998	N-PROPYLBENZENE	524.2	<	MRL	.5 UG/L		

2248	NAPHTHALENE	524.2	<	MRL	.5 UG/L		
2965	O-CHLOROTOLUENE	524.2	<	MRL	.5 UG/L		
2968	O-DICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2997	O-XYLENE	524.2	<	MRL	.5 UG/L		
2966	P-CHLOROTOLUENE	524.2	<	MRL	.5 UG/L		
2969	P-DICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2030	P-ISOPROPYLTOLUENE	524.2	<	MRL	.5 UG/L		
2428	SEC-BUTYLBENZENE	524.2	<	MRL	.5 UG/L		
2996	STYRENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2426	TERT-BUTYLBENZENE	524.2	<	MRL	.5 UG/L		
2987	TETRACHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2263	TETRAHYDROFURAN	524.2	<	MRL	5 UG/L		
2991	TOLUENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2979	TRANS-1,2-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2226	TRANS-1,2-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2984	TRICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2218	TRICHLOROFLUOROMETHANE	524.2	<	MRL	.5 UG/L		
2447	VINYL ACETATE	524.2	<	MRL	5 UG/L		
2976	VINYL CHLORIDE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2963	XYLENE, META AND PARA	524.2	<	MRL	.5 UG/L		
2955	XYLENES, TOTAL	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681008**	Collection Date:	05-25-2016
TCEQ State ID Number:	1604264	Free Chlorine Residual:	1.62 Mg/L
Facility:	EP002	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	75 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MF
2986	1,1,1,2-TETRACHLOROETHANE	524.2	<	MRL	.5 UG/L		
2981	1,1,1-TRICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2988	1,1,2,2-TETRACHLOROETHANE	524.2	<	MRL	.5 UG/L		
2985	1,1,2-TRICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2978	1,1-DICHLOROETHANE	524.2	<	MRL	.5 UG/L		
2977	1,1-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2410	1,1-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2420	1,2,3-TRICHLOROBENZENE	524.2	<	MRL	.5 UG/L		
2414	1,2,3-TRICHLOROPROPANE	524.2	<	MRL	1 UG/L		
2378	1,2,4-TRICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2418	1,2,4-TRIMETHYLBENZENE	524.2	<	MRL	.5 UG/L		
2980	1,2-DICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2983	1,2-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2424	1,3,5-TRIMETHYLBENZENE	524.2	<	MRL	.5 UG/L		
2412	1,3-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		
2416	2,2-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		
2269	2-HEXANONE	524.2	<	MRL	5 UG/L		
2243	ACETONE	524.2	<	MRL	5 UG/L		

2240	ACRYLONITRILE	524.2	<	MRL	5 UG/L		
2990	BENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2993	BROMOBENZENE	524.2	<	MRL	.5 UG/L		
2430	BROMOCHLOROMETHANE	524.2	<	MRL	.5 UG/L		
2943	BROMODICHLOROMETHANE	524.2	<	MRL	1 UG/L		
2942	BROMOFORM	524.2	<	MRL	1 UG/L		
2214	BROMOMETHANE	524.2	<	MRL	1 UG/L		
1902	CARBON DISULFIDE	524.2	<	MRL	.5 UG/L		
2982	CARBON TETRACHLORIDE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2989	CHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2216	CHLOROETHANE	524.2	<	MRL	1 UG/L		
2941	CHLOROFORM	524.2	<	MRL	1 UG/L		
2210	CHLOROMETHANE	524.2	<	MRL	.5 UG/L		
2380	CIS-1,2-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2228	CIS-1,3-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2944	DIBROMOCHLOROMETHANE	524.2				1.38 UG/L	
2408	DIBROMOMETHANE	524.2	<	MRL	.5 UG/L		
2212	DICHLORODIFLUOROMETHANE	524.2	<	MRL	1 UG/L		
2964	DICHLOROMETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2293	ETHYL METHACRYLATE	524.2	<	MRL	5 UG/L		
2992	ETHYLBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2246	HEXACHLOROBUTADIENE	524.2	<	MRL	.5 UG/L		
2994	ISOPROPYLBENZENE	524.2	<	MRL	.5 UG/L		
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2458	METHYL IODINE	524.2	<	MRL	.5 UG/L		
2249	METHYL ISOBUTYL KETONE	524.2	<	MRL	5 UG/L		
2295	METHYL METHACRYLATE	524.2	<	MRL	5 UG/L		
2251	METHYL TERT-BUTYL ETHER	524.2	<	MRL	.5 UG/L		
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2248	NAPHTHALENE	524.2	<	MRL	.5 UG/L		
2965	O-CHLOROTOLUENE	524.2	<	MRL	.5 UG/L		

2968	O-DICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2997	O-XYLENE	524.2	<	MRL	.5 UG/L		
2966	P-CHLOROTOLUENE	524.2	<	MRL	.5 UG/L		
2969	P-DICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2030	P-ISOPROPYLTOLUENE	524.2	<	MRL	.5 UG/L		
2428	SEC-BUTYLBENZENE	524.2	<	MRL	.5 UG/L		
2996	STYRENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2426	TERT-BUTYLBENZENE	524.2	<	MRL	.5 UG/L		
2987	TETRACHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2263	TETRAHYDROFURAN	524.2	<	MRL	5 UG/L		
2991	TOLUENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2979	TRANS-1,2-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2226	TRANS-1,2-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2984	TRICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2218	TRICHLOROFLUOROMETHANE	524.2	<	MRL	.5 UG/L		
2447	VINYL ACETATE	524.2	<	MRL	5 UG/L		
2976	VINYL CHLORIDE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2963	XYLENE, META AND PARA	524.2	<	MRL	.5 UG/L		
2955	XYLENES, TOTAL	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681002**	Collection Date:	05-25-2016
TCEQ Rule ID Number:	1636292	Free Chlorine Residual:	1.62 Mg/L
Facility:	EP002	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	75 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MP
1040	NITRATE	300.0				0.0255 MG/L	01-01-2016 12-31-2016

Texas Commission on Environmental Quality	Office of Water	Public Drinking Water Section
County Map of TX	Water System Search	Office of Compliance and Enforcement

Water System Detail			
Water System Facilities Source Water Assessment Results	Violations Enforcement Actions	TCR Sample Results	TTHM HAA5 Summaries
Sample Points	Assistance Actions	Recent Positive TCR Results	PBCU Summaries
Sample Schedules / LANLs / Plans	Compliance Schedules	Other Chemical Results	Chlorine Summaries
Site Visits Milestones	TOC/Alkalinity Results	Chemical Results: Sort by: Name Code	Turbidity Summaries
Operators All POC	LRAA (TTHM/HAA5)	Recent Non-TCR Sample Results	TCR Sample Summaries
Glossary			

Water System Detail Information			
Water System No.:	TX2300001	Federal Type:	C
Water System Name:	CITY OF BIG SANDY	Federal Source:	GW
Principal County Served:	UPSHUR	System Status:	A
Principal City Served:		Activity Date:	01-01-1913

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681001**	Collection Date:	05-25-2016
PCWS State ID Number:	1635146	Free Chlorine Residual:	.82 Mg/L
Facility:	EP001	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	76 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MP
1040	NITRATE	300.0				0.02 MG/L	01-01-2016 12-31-2016

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681005**	Collected Date:	05-25-2016
TCEQ State ID Number:	1608243	Free Chlorine Residual:	1.62 Mg/L
Facility:	EP002	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	75 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less than Ind.	Level Type	Reporting Level	Concentration	MP
2051	ALACHLOR	525.2	<	MRL	.1 UG/L		01-01-2011 12-31-2016
2356	ALDRIN	525.2	<	MRL	.1 UG/L		
7240	ALPHA-CHLORDANE	525.2	<	MRL	.1 UG/L		
2388	AROCLOR 1016	508.1	<	MRL	.07 UG/L		
2390	AROCLOR 1221	508.1	<	MRL	.25 UG/L		
2392	AROCLOR 1232	508.1	<	MRL	.25 UG/L		
2394	AROCLOR 1242	508.1	<	MRL	.25 UG/L		
2396	AROCLOR 1248	508.1	<	MRL	.08 UG/L		
2398	AROCLOR 1254	508.1	<	MRL	.08 UG/L		
2400	AROCLOR 1260	508.1	<	MRL	.08 UG/L		
2050	ATRAZINE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2306	BENZO(A)PYRENE	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2010	BHC-GAMMA	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2098	BROMACIL	525.2	<	MRL	.2 UG/L		
2076	BUTACHLOR	525.2	<	MRL	.1 UG/L		
2959	CHLORDANE	508.1	<	MRL	.15 UG/L		01-01-2011 12-31-2016
2035	DI(2-ETHYLHEXYL) ADIPATE	525.2	<	MRL	.5 UG/L		01-01-2011

							12-31-2016
2039	DI(2-ETHYLHEXYL) PHTHALATE	525.2	<	MRL	.5 UG/L		01-01-2011 12-31-2016
2070	DIELDRIN	525.2	<	MRL	.1 UG/L		
2005	ENDRIN	525.2	<	MRL	.01 UG/L		01-01-2011 12-31-2016
7245	GAMMA-CHLORDANE	525.2	<	MRL	.1 UG/L		
2065	HEPTACHLOR	525.2	<	MRL	.03 UG/L		01-01-2011 12-31-2016
2067	HEPTACHLOR EPOXIDE	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2274	HEXACHLOROBENZENE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2042	HEXACHLOROCYCLOPENTADIENE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2015	METHOXYCHLOR	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2045	METOLACHLOR	525.2	<	MRL	.1 UG/L		
2595	METRIBUZIN	525.2	<	MRL	.1 UG/L		
2326	PENTACHLOROPHENOL	525.2	<	MRL	.03 UG/L		01-01-2011 12-31-2016
2077	PROPACHLOR	525.2	<	MRL	.1 UG/L		
2037	SIMAZINE	525.2	<	MRL	.05 UG/L		01-01-2011 12-31-2016
2020	TOXAPHENE	508.1	<	MRL	.5 UG/L		01-01-2011 12-31-2016
2273	TRANS-NONACHLOR	525.2	<	MRL	.1 UG/L		

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681007**	Collection Date:	05-25-2016
TCEQ State ID Number:	1603737	Free Chlorine Residual:	.82 Mg/L
Facility:	EP001	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	76 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MP
2986	1,1,1,2-TETRACHLOROETHANE	524.2	<	MRL	.5 UG/L		
2981	1,1,1-TRICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2988	1,1,2,2-TETRACHLOROETHANE	524.2	<	MRL	.5 UG/L		
2985	1,1,2-TRICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2978	1,1-DICHLOROETHANE	524.2	<	MRL	.5 UG/L		
2977	1,1-DICHLOROETHYLENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2410	1,1-DICHLOROPROPENE	524.2	<	MRL	.5 UG/L		
2420	1,2,3-TRICHLOROBENZENE	524.2	<	MRL	.5 UG/L		
2414	1,2,3-TRICHLOROPROPANE	524.2	<	MRL	1 UG/L		
2378	1,2,4-TRICHLOROBENZENE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2418	1,2,4-TRIMETHYLBENZENE	524.2	<	MRL	.5 UG/L		
2980	1,2-DICHLOROETHANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2983	1,2-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		01-01-2016 12-31-2016
2424	1,3,5-TRIMETHYLBENZENE	524.2	<	MRL	.5 UG/L		
2412	1,3-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		
2416	2,2-DICHLOROPROPANE	524.2	<	MRL	.5 UG/L		

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681003**	Collection Date:	05-25-2016
TCEQ State ID Number:	1651626	Free Chlorine Residual:	1.44 Mg/L
Facility:	DS01	Total Chlorine Residual:	No Sample
Sampling Point:	DBP2-01	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	75 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MP
2455	BROMOCHLOROACETIC ACID	552.2	<	MRL	1 UG/L		
2943	BROMODICHLOROMETHANE	524.2				2.48 UG/L	
2942	BROMOFORM	524.2	<	MRL	1 UG/L		
2941	CHLOROFORM	524.2				2.92 UG/L	
2454	DIBROMOACETIC ACID	552.2	<	MRL	1 UG/L		
2944	DIBROMOCHLOROMETHANE	524.2				1.71 UG/L	
2451	DICHLOROACETIC ACID	552.2				2.1 UG/L	
2453	MONOBROMOACETIC ACID	552.2	<	MRL	1 UG/L		
2450	MONOCHLOROACETIC ACID	552.2	<	MRL	2 UG/L		
2456	TOTAL HALOACETIC ACIDS (HAA5)	552.2				3.1 UG/L	01-01-2016 12-31-2016
2452	TRICHLOROACETIC ACID	552.2				1.0 UG/L	
2950	TTHM	524.2				7.11 UG/L	01-01-2016 12-31-2016

Chemical Sample Detail Information			
Lab ID Number:	**Q1620681004**	Collection Date:	05-25-2016
TCEQ State ID Number:	1607823	Free Chlorine Residual:	.82 Mg/L
Facility:	EP001	Total Chlorine Residual:	No Sample
Sampling Point:	TRT-TAP	Sampler Name:	ANGEL MEDRANO
pH:	7.6	Temp:	76 F

Chemical Sample Results							
Analyte Code	Analyte Name	Method	Less Than Ind.	Level Type	Reporting Level	Concentration	MF
2051	ALACHLOR	525.2	<	MRL	.1 UG/L		01-01-2011 12-31-2016
2356	ALDRIN	525.2	<	MRL	.1 UG/L		
7240	ALPHA-CHLORDANE	525.2	<	MRL	.1 UG/L		
2388	AROCLOR 1016	508.1	<	MRL	.07 UG/L		
2390	AROCLOR 1221	508.1	<	MRL	.25 UG/L		
2392	AROCLOR 1232	508.1	<	MRL	.25 UG/L		
2394	AROCLOR 1242	508.1	<	MRL	.25 UG/L		
2396	AROCLOR 1248	508.1	<	MRL	.08 UG/L		
2398	AROCLOR 1254	508.1	<	MRL	.08 UG/L		
2400	AROCLOR 1260	508.1	<	MRL	.08 UG/L		
2050	ATRAZINE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2306	BENZO(A)PYRENE	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2010	BHC-GAMMA	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2098	BROMACIL	525.2	<	MRL	.2 UG/L		
2076	BUTACHLOR	525.2	<	MRL	.1 UG/L		
2959	CHLORDANE	508.1	<	MRL	.15 UG/L		01-01-2011 12-31-2016
2035	DI(2-ETHYLHEXYL) ADIPATE	525.2	<	MRL	.5 UG/L		01-01-2011

							12-31-2016
2039	DI(2-ETHYLHEXYL) PHTHALATE	525.2	<	MRL	.5 UG/L		01-01-2011 12-31-2016
2070	DIELDRIN	525.2	<	MRL	.1 UG/L		
2005	ENDRIN	525.2	<	MRL	.01 UG/L		01-01-2011 12-31-2016
7245	GAMMA-CHLORDANE	525.2	<	MRL	.1 UG/L		
2065	HEPTACHLOR	525.2	<	MRL	.03 UG/L		01-01-2011 12-31-2016
2067	HEPTACHLOR EPOXIDE	525.2	<	MRL	.02 UG/L		01-01-2011 12-31-2016
2274	HEXACHLOROBENZENE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2042	HEXACHLOROCYCLOPENTADIENE	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2015	METHOXYCHLOR	525.2	<	MRL	.08 UG/L		01-01-2011 12-31-2016
2045	METOLACHLOR	525.2	<	MRL	.1 UG/L		
2595	METRIBUZIN	525.2	<	MRL	.1 UG/L		
2326	PENTACHLOROPHENOL	525.2	<	MRL	.03 UG/L		01-01-2011 12-31-2016
2077	PROPACHLOR	525.2	<	MRL	.1 UG/L		
2037	SIMAZINE	525.2	<	MRL	.05 UG/L		01-01-2011 12-31-2016
2020	TOXAPHENE	508.1	<	MRL	.5 UG/L		01-01-2011 12-31-2016
2273	TRANS-NONACHLOR	525.2	<	MRL	.1 UG/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)	2016	3	3.1 - 3.1	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2016	7	7.11 - 7.11	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	10/26/2015	0.12	0.077 - 0.12	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	10/26/2015	0.273	0.268 - 0.273	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]	2016	0.0255	0.02 - 0.0255	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	10/26/2015	1.2	0 - 1.2	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	03/22/2012	1	1 - 1	0	5	pCi/L	N	Erosion of natural deposits.

TCR Sample Results

Type/ RP Loc	Sample No.	Date	Facility	Sample Pt.	Sample Pt. Description	Lab Fld	Result / Analyte / Method / MF
RT	012644	10-26-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 10-01-2016 10-31-2016 A E. COLI(3014) 10-01-2016 10-31-2016 301 MEASON ST
RT	012643	10-26-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 10-01-2016 10-31-2016 A E. COLI(3014) 10-01-2016 10-31-2016 316 PEACH TREE
RT	011498	09-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 09-01-2016 09-30-2016 A E. COLI(3014) 09-01-2016 09-30-2016 106 CIRCLE DR
RT	011497	09-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 09-01-2016 09-30-2016 A E. COLI(3014) 09-01-2016 09-30-2016 212 BOULDER
RT	010148	08-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 08-01-2016 08-31-2016 A E. COLI(3014) 08-01-2016 08-31-2016 212 BOULDER
RT	010147	08-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A COLIFORM (TCR) (3100) 08-01-2016 08-31-2016 A E. COLI(3014) 08-01-2016

										08-31-2016
							614 COTTON ST			
RT	008851	07-27-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		07-01-2016 07-31-2016
							A	E. COLI(3014)		07-01-2016 07-31-2016
							201 CLOVER LN			
RT	008850	07-27-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		07-01-2016 07-31-2016
							A	E. COLI(3014)		07-01-2016 07-31-2016
							316 PEACH TREE LN			
RT	007631	06-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		06-01-2016 06-30-2016
							A	E. COLI(3014)		06-01-2016 06-30-2016
							106 CIRCLE DR			
RT	007630	06-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		06-01-2016 06-30-2016
							A	E. COLI(3014)		06-01-2016 06-30-2016
							318 PEACH TREE			
RT	005679	05-11-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		05-01-2016 05-31-2016
							A	E. COLI(3014)		05-01-2016 05-31-2016
							614 S COTTON			
RT	005678	05-11-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		05-01-2016 05-31-2016
							A	E. COLI(3014)		05-01-2016 05-31-2016
							116 CIRCLE DR			

RT	005036	04-28-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		04-01-2016 04-30-2016
							A	E. COLI(3014)		04-01-2016 04-30-2016
							318 PEACHTREE LN			
RT	005035	04-28-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		04-01-2016 04-30-2016
							A	E. COLI(3014)		04-01-2016 04-30-2016
							390 W COLLEGE			
RT	003705	03-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		03-01-2016 03-31-2016
							A	E. COLI(3014)		03-01-2016 03-31-2016
							614 S COTTON ST			
RT	003704	03-29-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		03-01-2016 03-31-2016
							A	E. COLI(3014)		03-01-2016 03-31-2016
							404 N WILDCAT DR			
RT	002212	02-18-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		02-01-2016 02-29-2016
							116 CIRCLE DR			
RT	002211	02-18-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		02-01-2016 02-29-2016
							390 W COLLEGE			
RT	001043	01-25-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		01-01-2016 01-31-2016
							308 PEACH TREE LN			
RT	001042	01-25-2016	DS01	DSTCRRT	ROUTINE TCR SAMPLE	48024	A	COLIFORM (TCR) (3100)		01-01-2016 01-31-2016
							390 W COLLEGE			