

## Annual Drinking Water Quality Report

TX1750028

B & B WSC

Annual Water Quality Report for the period of January 1 to December 31, 2014

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.

B & B WSC is Purchased Surface Water

For more information regarding this report contact:

Name     **Bobby Armstrong**    

Phone     **903-872-0650**    

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (903) 872-0650.

### 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

"The TCEQ has completed a Source Water Assessment for all drinking water systems that own their sources. The report 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 system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system, contact Bobby Armstrong @ 903-872-0650

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?wtrsrc=>

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
SW FROM CITY OF CORSICANA	CC FROM TX1750002 CITY OF	SW	_Active_	____ Navarro Mills Lake _____
SW FROM CITY OF CORSICANA	CC FROM TX1750002 CITY OF	SW	_Active_	____ Lake Halbert _____

2014 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	2014	1.3	1.3	0.11	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2014	0	15	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.

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)



## Water Quality Test Results

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)*	2014	12	4.8 - 20.3	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2014	41	31.32 - 54	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
Nitrate [measured as Nitrogen]	2014	1	0.568 - 0.6	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

DISINFECTANT RESIDUAL TABLE

Disinfectant	Year	Average Level	Minimum Level	Maximum Level	MDRL	MDRLG	Unit of Measure	Violation Y/N	Likely Source of Contamination
Chloramine	2014	1.79	1.0	1.83	4	4	ppm	N	Water Additive used to control Microbes



**CONTAMINANT TABLE  
CITY OF CORSICANA  
TX1750002**

ANALYTICAL RESULTS – POINT OF ENTRY  
EPO01 and EP002  
Next seven pages





**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551005</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1420633</b>	Date Collected: 5/15/2014 11:25	Sample Type: SAMPLE
Facility <b>EP001</b>	Location <b>LAB SINK</b>	
Sample Point <b>TRT-TAP</b>	Client ID <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
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**INORGANICS**

Analysis Desc: E300.0, Anions		Preparation Method: E300.0, Anions									
		Analytical Method: E300.0, Anions									
Chloride	10.4 mg/L		5.00	5.00	300	5	05/17/14 05:32:00	KH	05/17/14 05:32:00	KH	
Fluoride	0.747 mg/L		0.0500	0.0500	4	5	05/17/14 05:32:00	KH	05/17/14 05:32:00	KH	
Nitrate (as N)	0.401 mg/L		0.0100	0.0500	10	5	05/17/14 05:32:00	KH	05/17/14 05:32:00	KH	
Sulfate	45.0 mg/L		5.00	5.00	300	5	05/17/14 05:32:00	KH	05/17/14 05:32:00	KH	

**TOTAL DISSOLVED SOLIDS**

Analysis Desc: SM2540C, TDS		Preparation Method: SM2540C, TDS									
		Analytical Method: SM2540C, TDS									
Total Dissolved Solids(TDS)	224 mg/L		10.0	25.0	1000	10	05/22/14	ML	05/22/14	ML	

**ALKALINITY**

Analysis Desc: SM2320B, Alkalinity		Preparation Method: SM2320B, Alkalinity									
		Analytical Method: SM2320B, Alkalinity									
Phenolphthalein Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Hydroxide Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Bicarbonate Alkalinity	111 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Carbonate Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Total Alkalinity	111 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N

**Conductance @ 25°C**

Analysis Desc: SM2510B, Conductance		Preparation Method: SM2510B, Conductance									
		Analytical Method: SM2510B, Conductance									
Specific Conductance	361 umhos/cm		1.00	1.00		1	05/28/14 08:40:02	KH	05/28/14 08:40:02	KH	



**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551006</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1420781</b>	Date Collected: 5/15/2014 09:33	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
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**INORGANICS**

Analysis Desc: E300.0, Anions			Preparation Method: E300.0, Anions								
			Analytical Method: E300.0, Anions								
Chloride	14.1 mg/L		5.00	5.00	300	5	05/17/14 06:05:00	KH	05/17/14 06:05:00	KH	
Fluoride	0.554 mg/L		0.0500	0.0500	4	5	05/17/14 06:05:00	KH	05/17/14 06:05:00	KH	
Nitrate (as N)	0.219 mg/L		0.0100	0.0500	10	5	05/17/14 06:05:00	KH	05/17/14 06:05:00	KH	
Sulfate	58.8 mg/L		5.00	5.00	300	5	05/17/14 06:05:00	KH	05/17/14 06:05:00	KH	

**TOTAL DISSOLVED SOLIDS**

Analysis Desc: SM2540C, TDS			Preparation Method: SM2540C, TDS								
			Analytical Method: SM2540C, TDS								
Total Dissolved Solids(TDS)	232 mg/L		10.0	25.0	1000	10	05/22/14	ML	05/22/14	ML	

**ALKALINITY**

Analysis Desc: SM2320B, Alkalinity			Preparation Method: SM2320B, Alkalinity								
			Analytical Method: SM2320B, Alkalinity								
Phenolphthalein Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Hydroxide Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Bicarbonate Alkalinity	96.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Carbonate Alkalinity	<10.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N
Total Alkalinity	96.0 mg/L		10.0	20.0		1	05/28/14	AE	05/28/14	AE	N

**Conductance @ 25°C**

Analysis Desc: SM2510B, Conductance			Preparation Method: SM2510B, Conductance								
			Analytical Method: SM2510B, Conductance								
Specific Conductance	378 umhos/cm		1.00	1.00		1	05/28/14 08:42:00	KH	05/28/14 08:42:00	KH	

# Metals



### ANALYTICAL RESULTS

Workorder: Q1416551

Lab ID: <b>Q1416551003</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1418012</b>	Date Collected: 5/15/2014 11:24	Sample Type: SAMPLE
Facility: <b>EP001</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
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**INORGANICS**

Analysis Desc: E2340B, Hardness      Preparation Method: E2340B, Hardness  
 Analytical Method: E2340B, Hardness

Hardness	132 mg/L						1	05/22/14 13:49:35 CW	05/22/14 13:49:35 CW		
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Analysis Desc: E200.7 Metals, Trace Elements      Preparation Method: E200.7 Prep  
 Analytical Method: E200.7 Metals, Trace Elements

Calcium Total	47.1 mg/L	0.0700	0.200				1	05/19/14	FM 05/22/14 11:40:45 MV		N
Iron Total	<0.0200 mg/L	0.0200	0.0500	0.3			1	05/19/14	FM 05/22/14 11:40:45 MV		
Magnesium Total	3.46 mg/L	0.0700	0.200				1	05/19/14	FM 05/22/14 11:40:45 MV		
Sodium Total	17.9 mg/L	0.200	0.50020000				1	05/19/14	FM 05/22/14 11:40:45 MV		

Analysis Desc: E200.8, ICP-MS      Preparation Method: E200.8, ICP-MS Prep  
 Analytical Method: E200.8, ICP-MS

Aluminum Total	0.057 mg/L	0.00400	0.0100	0.2			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Antimony Total	<0.00020 mg/L 0	0.000200	0.00100	0.006			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Arsenic Total	<0.00070 mg/L 0	0.000700	0.00200	0.01			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Barium Total	0.054 mg/L	0.000700	0.00200	2			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Beryllium Total	<0.00020 mg/L 0	0.000200	0.00100	0.004			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Cadmium Total	<0.00040 mg/L 0	0.000400	0.00100	0.005			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Chromium Total	0.0031 mg/L	0.000400	0.00100	0.1			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Copper Total	0.0037 mg/L	0.000400	0.00100	1.3			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Lead Total	<0.00040 mg/L 0	0.000400	0.00100	0.015			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Manganese Total	<0.00040 mg/L 0	0.000400	0.00100	0.05			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Nickel Total	0.0035 mg/L	0.000400	0.00100	0.1			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Selenium Total	0.0019 mg/L	0.00100	0.00400	0.05			1	05/19/14	FM 05/21/14 23:40:33 SLW		J
Silver Total	<0.00040 mg/L 0	0.000400	0.00100	0.1			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Thallium Total	<0.00020 mg/L 0	0.000200	0.00100	0.002			1	05/19/14	FM 05/21/14 23:40:33 SLW		
Zinc Total	<0.00200 mg/L	0.00200	0.00400	5			1	05/19/14	FM 05/21/14 23:40:33 SLW		

**HEAVY METALS**

Report ID: 92546 - 895019

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PWS/1750002/AC/05-30-2014/Analysis Rpt  
 LCRA Environmental Laboratory Services  
 3505 Montopolis Drive  
 Austin, TX 78744  
 Phone: (512)356-6022  
 Fax: (512)356-6021

### ANALYTICAL RESULTS

Workorder: Q1416551

Lab ID: <b>Q1416551003</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1418012</b>	Date Collected: 5/15/2014 11:24	Sample Type: SAMPLE
Facility: <b>EP001</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: E245.1 Mercury Water			Preparation Method: E245.1 Mercury Water								
			Analytical Method: E245.1 Mercury Water								
Mercury Total	<0.00007	mg/L	0.000070	0.000200	0.002	1	05/19/14 10:30:00	AE	05/21/14 10:32:00	AE	
	00		0								





**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551004</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1418158</b>	Date Collected: 5/15/2014 09:32	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
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**INORGANICS**

Analysis Desc: E2340B, Hardness      Preparation Method: E2340B, Hardness  
 Analytical Method: E2340B, Hardness

Hardness	123 mg/L					1	05/22/14 13:49:35 CW		05/22/14 13:49:35 CW		
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Analysis Desc: E200.7 Metals, Trace Elements      Preparation Method: E200.7 Prep  
 Analytical Method: E200.7 Metals, Trace Elements

Calcium Total	39.6 mg/L	0.0700	0.200			1	05/19/14	FM	05/22/14 11:43:20 MV		N
Iron Total	<0.0200 mg/L	0.0200	0.0500	0.3		1	05/19/14	FM	05/22/14 11:43:20 MV		
Magnesium Total	5.87 mg/L	0.0700	0.200			1	05/19/14	FM	05/22/14 11:43:20 MV		
Sodium Total	23.0 mg/L	0.200	0.50020000			1	05/19/14	FM	05/22/14 11:43:20 MV		

Analysis Desc: E200.8, ICP-MS      Preparation Method: E200.8, ICP-MS Prep  
 Analytical Method: E200.8, ICP-MS

Aluminum Total	0.025 mg/L	0.00400	0.0100	0.2		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Antimony Total	<0.00020 mg/L 0	0.000200	0.00100	0.006		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Arsenic Total	<0.00070 mg/L 0	0.000700	0.00200	0.01		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Barium Total	0.048 mg/L	0.000700	0.00200		2	1	05/19/14	FM	05/21/14 23:46:25 SLW		
Beryllium Total	<0.00020 mg/L 0	0.000200	0.00100	0.004		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Cadmium Total	<0.00040 mg/L 0	0.000400	0.00100	0.005		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Chromium Total	0.0028 mg/L	0.000400	0.00100	0.1		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Copper Total	0.0022 mg/L	0.000400	0.00100	1.3		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Lead Total	<0.00040 mg/L 0	0.000400	0.00100	0.015		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Manganese Total	0.00045 mg/L	0.000400	0.00100	0.05		1	05/19/14	FM	05/21/14 23:46:25 SLW		J
Nickel Total	0.0029 mg/L	0.000400	0.00100	0.1		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Selenium Total	0.0020 mg/L	0.00100	0.00400	0.05		1	05/19/14	FM	05/21/14 23:46:25 SLW		J
Silver Total	<0.00040 mg/L 0	0.000400	0.00100	0.1		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Thallium Total	<0.00020 mg/L 0	0.000200	0.00100	0.002		1	05/19/14	FM	05/21/14 23:46:25 SLW		
Zinc Total	<0.00200 mg/L	0.00200	0.00400		5	1	05/19/14	FM	05/21/14 23:46:25 SLW		

**HEAVY METALS**

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**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551004</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1418158</b>	Date Collected: 5/15/2014 09:32	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: E245.1 Mercury Water			Preparation Method: E245.1 Mercury Water								
			Analytical Method: E245.1 Mercury Water								
Mercury Total	<0.00007	mg/L	0.000070	0.000200	0.002	1	05/19/14 10:30:00	AE	05/21/14 10:34:00	AE	
	00		0								

**Cyanide**



PWS/1750002/AC/05-30-2014/Analysis Rpt  
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**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551008</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1451730</b>	Date Collected: 5/15/2014 11:26	Sample Type: SAMPLE
Facility <b>EP001</b>	Location <b>LAB SINK</b>	
Sample Point <b>TRT-TAP</b>	Client ID <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
<b>CYANIDE, TOTAL</b>											
Analysis Desc: E335.4 CN, SemiAuto Col			Preparation Method: E335.4 CN, SemiAuto Col								
			Analytical Method: E335.4 CN, SemiAuto Col								
Cyanide, Total	0.0297	mg/L	0.00500	0.0200	0.2	1	05/23/14	KH	05/23/14	CM	



**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551009</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1451860</b>	Date Collected: 5/15/2014 09:36	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
<b>CYANIDE, TOTAL</b>											
Analysis Desc: E335.4 CN, SemiAuto Col			Preparation Method: E335.4 CN, SemiAuto Col								
			Analytical Method: E335.4 CN, SemiAuto Col								
Cyanide, Total	0.0390	mg/L	0.00500	0.0200	0.2	1	05/23/14	KH	05/23/14	CM	



**SOC5**



PWS/1750002/AC/05-30-2014/Analysis Rpt  
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**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551011</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1404370</b>	Date Collected: 5/15/2014 11:17	Sample Type: SAMPLE
Facility: <b>EP001</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: E525.2 Pesticides by GC/MS			Preparation Method: E525.2 Pesticides by GC/MS								
			Analytical Method: E525.2 Pesticides by GC/MS								
Benzo(a)pyrene	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
trans-Nonachlor-chlordane	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Alachlor	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Aldrin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
alpha-Chlordane	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Atrazine	0.24 ug/L		0.08	0.10	3	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Bromacil	<0.2 ug/L		0.2	0.2		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Butachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Dieldrin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Endrin	<0.01 ug/L		0.01	0.10	2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
gamma-BHC (Lindane)	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
gamma-Chlordane	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Heptachlor	<0.04 ug/L		0.04	0.10	0.4	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Heptachlor epoxide	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Hexachlorobenzene	<0.08 ug/L		0.08	0.10	1	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Hexachlorocyclopentadiene	<0.08 ug/L		0.08	0.10	50	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Methoxychlor	<0.08 ug/L		0.08	0.10	40	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Metolachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Metribuzin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Pentachlorophenol	<0.04 ug/L		0.04	0.10	1	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Propachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	N
Simazine	<0.05 ug/L		0.05	0.10	4	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Bis(2-ethylhexyl)adipate	<0.5 ug/L		0.5	2.0	400	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	
Bis(2-Ethylhexyl)phthalate	<0.5 ug/L		0.5	2.0	6	1	05/22/14 09:00:00	JR	05/22/14 23:23:00	MS	

**NONE**

Analysis Desc: E508.1 Pesticides by GC			Preparation Method: E508.1 Pesticides by GC								
			Analytical Method: E508.1 Pesticides by GC								
Aroclor-1016	<0.07 ug/L		0.07	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
Aroclor-1221	<0.25 ug/L		0.25	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
Aroclor-1232	<0.25 ug/L		0.25	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N

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**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551011</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1404370</b>	Date Collected: 5/15/2014 11:17	Sample Type: SAMPLE
Facility: <b>EP001</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Aroclor-1242	<0.25	ug/L	0.25	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
Aroclor-1248	<0.08	ug/L	0.08	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
Aroclor-1254	<0.08	ug/L	0.08	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
Aroclor-1260	<0.08	ug/L	0.08	0.25	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	N
PCB, Total	<0.25	ug/L	0.25	0.25		1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	
Chlordane	<0.15	ug/L	0.15	0.49	2	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	
Toxaphene	<0.5	ug/L	0.5	0.5	3	1	05/22/14 09:00:00	JR	05/28/14 02:19:24	NW	

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### ANALYTICAL RESULTS

Workorder: Q1416551

Lab ID: <b>Q1416551012</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1404529</b>	Date Collected: 5/15/2014 09:29	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: E525.2 Pesticides by GC/MS		Preparation Method: E525.2 Pesticides by GC/MS									
		Analytical Method: E525.2 Pesticides by GC/MS									
Benzo(a)pyrene	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
trans-Nonachlor-chlordane	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Alachlor	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Aldrin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
alpha-Chlordane	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Atrazine	<0.08 ug/L		0.08	0.10	3	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Bromacil	<0.2 ug/L		0.2	0.2		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Butachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Dieldrin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Endrin	<0.01 ug/L		0.01	0.10	2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
gamma-BHC (Lindane)	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
gamma-Chlordane	<0.1 ug/L		0.1	0.1	2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Heptachlor	<0.04 ug/L		0.04	0.10	0.4	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Heptachlor epoxide	<0.02 ug/L		0.02	0.10	0.2	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Hexachlorobenzene	<0.08 ug/L		0.08	0.10	1	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Hexachlorocyclopentadiene	<0.08 ug/L		0.08	0.10	50	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Methoxychlor	<0.08 ug/L		0.08	0.10	40	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Metolachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Metribuzin	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Pentachlorophenol	<0.04 ug/L		0.04	0.10	1	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Propachlor	<0.1 ug/L		0.1	0.1		1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	N
Simazine	<0.05 ug/L		0.05	0.10	4	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Bis(2-ethylhexyl)adipate	<0.5 ug/L		0.5	2.0	400	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	
Bis(2-Ethylhexyl)phthalate	0.7 ug/L		0.5	2.0	6	1	05/22/14 09:00:00	JR	05/22/14 23:50:00	MS	J

**NONE**

Analysis Desc: E508.1 Pesticides by GC		Preparation Method: E508.1 Pesticides by GC									
		Analytical Method: E508.1 Pesticides by GC									
Aroclor-1016	<0.07 ug/L		0.07	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
Aroclor-1221	<0.24 ug/L		0.24	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
Aroclor-1232	<0.24 ug/L		0.24	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N

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**ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID: <b>Q1416551012</b>	Date Received: 5/16/2014 08:00	Matrix: Drinking Water
Sample ID: <b>1404529</b>	Date Collected: 5/15/2014 09:29	Sample Type: SAMPLE
Facility: <b>EP002</b>	Location: <b>LAB SINK</b>	
Sample Point: <b>TRT-TAP</b>	Client ID: <b>TX1750002</b>	

Parameters	Results	Units	LOD	PQL	MCL	DF	Prepared	By	Analyzed	By	Qual
Aroclor-1242	<0.24	ug/L	0.24	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
Aroclor-1248	<0.08	ug/L	0.08	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
Aroclor-1254	<0.08	ug/L	0.08	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
Aroclor-1260	<0.08	ug/L	0.08	0.24	0.5	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	N
PCB, Total	<0.24	ug/L	0.24	0.24		1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	
Chlordane	<0.15	ug/L	0.15	0.49	2	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	
Toxaphene	<0.5	ug/L	0.5	0.5	3	1	05/22/14 09:00:00	JR	05/28/14 02:38:38	NW	

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