### Annual Drinking Water Quality Report

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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 cont	act:
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 tha own their sources. The report decribes 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	Minimum	Maximum	MDRL	<b>MDRLG</b>	Unit of	Violation	Likely Source of
		Level	Level	Level			Measure	Y/N	Contamination
Chloramine	2014	1.79	1.0	1.83	4	4	ppm	N	Water Additive used
									to control Microbes

						Turbic	lity and TOC 2	2014							
			Navari	o Mills							Lake	Halbert			
		NTU				TOC				NTU		тос			
Month	Average	Highest	% Compliance	Raw TOC	Tap TOC	% Removal	% Compliance	Month	Average	Highest	% Compliance	Raw TOC	Tap TOC	% Removal	% Compliance
Jan	0.08	0.11	100	5.05	3.75	25.7	175	Jan	0.10	0.29	100	7.28	4.51	38.0	109
Feb	0.08	0.12	100	5.10	3.72	27.1	178	Feb	0.09	0.27	100	7.47	4.53	39.4	112
Mar	0.08	0.11	100	4.70	3.88	17.4	115	Mar	0.09	0.17	100	7.10	4.79	32.5	221
Apr	0.07	0.09	100	4.80	3.89	19.0	100	Apr	0.09	0.14	100	6.99	4.82	31.0	194
May	0.07	0.11	100	5.09	3.95	22.4	100	May	0.08	0.14	100	6.96	5.00	28.2	176
Jun	0.08	0.14	100	4.89	3.94	19.4	100	Jun	0.07	0.16	100	6.68	4.80	28.1	100
Jul	0.07	0.10	100	5.17	3.81	26.3	100	Jul	0.05	0.08	100	6.58	4.87	26.0	100
Aug	0.08	0.11	100	4.48	3.55	20.8	100	Aug	0.07	0.21	100	6.68	4.66	30.2	100
Sep	0.07	0.10	100	4.79	3.96	17.3	100	Sep	0.07	0.22	100	7.01	5.05	28.0	100
Oct	0.08	0.14	100	4.93	3.92	20.5	100	Oct	0.06	0.25	100	5.50	4.18	24.0	100
Nov	0.08	0.11	100	4.91	4.13	15.9	100	Nov	0.07	0.19	100	5.75	4.24	26.3	100
Dec	0.08	0.13	100	4.64	3.75	19.2	100	Dec	0.06	0.10	100	5.29	3.94	25.5	100
Average	0.08			4.88	3.85	20.9			0.08			6.61	4.62	29.8	
			NTU	Raw TOC	Tap TOC	% Removal									
A	verage Both	Plants	0.08	5.74	4.24	25.3				Allen Control					
		nce for NTU	100												
		ince for TOC	100												

# CONTAMINANT TABLE CITY OF CORSICANA TX1750002

ANALYTICAL RESULTS – POINT OF ENTRY EPOO1 and EP002 Next seven pages



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> Phone: (512)356-6022 Fax: (512)356-6021

## **ANALYTICAL RESULTS**

Lab ID: Q1416551005  Sample ID: 1420633  Facility EP001	D	ate Received: ate Collected: ocation				Sa		Matrix: Drinking Wat Type: SAMPLE	ter	
Sample Point TRT-TAP	С	lient ID	TX1750002			0				
Parameters	Results Units	LOD	PQL	MCL	DF	Prepared	Ву	Analyzed	Ву	Qual
INORGANICS										
Analysis Desc: E300.0, Anions	Pi	reparation Meth	nod: E300.0,	Anions						
	Aı	nalytical Metho	d: E300.0, A	nions						
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	Pi	reparation Met	hod: SM2540	C, TD	3					
	A	nalytical Metho	d: 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, Alkalinit	y P	reparation Met	hod: SM2320	B, Alka	alinity					
	A	nalytical Metho	d: SM2320B	, Alkali	nity					
Phenolphthalein Alkalinity	<10.0 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	Ν
Hydroxide Alkalinity	<10.0 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	١
Bicarbonate Alkalinity	111 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	ΑE	1
Carbonate Alkalinity	<10.0 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	١
Total Alkalinity	111 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	٨
Conductance @ 25°C										
Analysis Desc: SM2510B, Conduc		reparation Met								

Report ID: 92546 - 895019

Specific Conductance

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1.00

1 05/28/14 08:40:02 KH 05/28/14 08:40:02 KH

1.00

361 umhos/c

m

> 3505 Montopolis Drive Austin, TX 78744

Phone: (512)356-6022 Fax: (512)356-6021

#### **ANALYTICAL RESULTS**

Lab ID: Sample ID:	Q1416551006 1420781		Date Received: Date Collected: Location		09:33		Matrix: Drinking Water Sample Type: SAMPLE					
Facility Sample Point	EP002 TRT-TAP	177.0	Client ID	TX175000								
Parameters	an and	Results Units	LOD	PQL	MCL	DF	Prepared	Ву	Analyzed	Ву	Qual	
INORGANICS									*			
Analysis Desc	E300.0, Anions	. F	Preparation Met	nod: E300.0	, Anions	3						
		P	Analytical Metho	d: E300.0, A	nions							
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 DISSO	LVED SOLIDS											
Analysis Desc	: SM2540C, TDS		Preparation Met	hod: SM254	OC, TD	S						
			Analytical Metho	d: SM25400	C, TDS							
Total Dissolve	d Solids(TDS)	232 mg/L	10.0	25.0	1000	10	05/22/14	ML	05/22/14	ML		
ALKALINITY												
Analysis Desc	: SM2320B, Alkalir	nity l	Preparation Met	hod: SM232	OB, Alk	alinity						
			Analytical Metho	od: SM2320	B, Alkal	inity						
Phenolphthale	ein Alkalinity	<10.0 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	1	
Hydroxide Alk	alinity	<10.0 mg/L	10.0	20.0		1	05/28/14	ΑE	05/28/14	AE	1	
Bicarbonate A	lkalinity	96.0 mg/L	10.0	20.0		1	05/28/14	AE	05/28/14	AE	1	
Carbonate Alk	alinity	<10.0 mg/L	10.0	20.0	E	1	05/28/14	AE	05/28/14	AE	1	
Total Alkalinity		96.0 mg/L	10.0	20.0	ľ	1	05/28/14	AE	05/28/14	AE	1	
Conductance	e @ 25°C											
Analysis Desc	:: SM2510B, Cond		Preparation Me									
			Analytical Methor	od: SM2510	B, Con	ductar	nce					
Specific Cond	luctance	378 umh	os/c 1.00	1.00	)	1	05/28/14 08:42:00	) KH	05/28/14 08:42:00	KH		

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# Metals

3505 Montopolis Drive Austin, TX 78744 Phone: (512)356-6022

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# **ANALYTICAL RESULTS**

Lab ID: Sample ID: Facility Sample Point	Q1416551003 1418012 EP001 TRT-TAP		Date Received: Date Collected: Location Client ID	5/15/2014 11:24 LAB SINK TX1750002				Matrix: Drinking Water Sample Type: SAMPLE			
Parameters		Results Units	LOD	PQL	MCL	DF	Prepared	Ву	Analyzed	Ву	Qual
INORGANICS											
Analysis Desc	: E2340B, Hardne	ss I	Preparation Meth	hod: E2340B	, Hard	ness					
			Analytical Metho	d: E2340B, I	Hardne	ess					
Hardness		132 mg/L				1	05/22/14 13:4	49:35 CW	05/22/14 13:49:35	cw,	
Analysis Desc	: E200.7 Metals, T	race	Preparation Met	hod: E200.7	Prep						
Elements			Analytical Metho	d: E200.7 M	etals,	Trace	Elements				
Calcium Total		47.1 mg/L				1	05/19/14	FM	05/22/14 11:40:45	MV	N
Iron Total		<0.0200 mg/L			0.3	1	05/19/14	FM	05/22/14 11:40:45	5 MV	
Magnesium To	ntal	3.46 mg/L		0.200		1	05/19/14	FM	05/22/14 11:40:45	5 MV	
Sodium Total	nai	17.9 mg/L		0.5002	20000	1	05/19/14	FM	05/22/14 11:40:45	5 MV	
			Decreeties Met	had: E200 9	ICD N	AS Dr	on :				
Analysis Desc	: E200.8, ICP-MS		Preparation Met				ΣP				
			Analytical Metho				05/19/14	FM	05/21/14 23:40:3	2 CIVA	
Aluminum Tota	al	0.057 mg/L				1		FM	05/21/14 23:40:3		
Antimony Tota	d .	<0.00020 mg/L 0	0.000200	0.00100	0.006	1	05/19/14	FIVE	05/21/14 23.40.3	3 SLVV	
Arsenic Total		<0.00070 mg/L 0	0.000700	0.00200	0.01	1	05/19/14	FM	05/21/14 23:40:3		
Barium Total		0.054 mg/L		0.00200	2	1	05/19/14	FM	05/21/14 23:40:3		
Beryllium Tota	d	<0.00020 mg/L	0.000200	0.00100	0.004	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	
Cadmium Tota	al	0 <0.00040 mg/L 0	0.000400	0.00100	0.005	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	
Chromium To	tal	0.0031 mg/L	0.000400	0.00100	0.1	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	1
Copper Total		0.0037 mg/L	0.000400	0.00100	1.3	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	1
Lead Total		<0.00040 mg/L	0.000400	0.00100	0.015	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	1
Manganese T	otal	0 <0.00040 mg/L 0	0.000400	0.00100	0.05	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	1
Nickel Total		0.0035 mg/L	0.000400	0.00100	0.1	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	١,
Selenium Tota	al	0.0019 mg/l	0.00100	0.00400	0.05	1	05/19/14	FM	05/21/14 23:40:3		
		<0.00040 mg/l 0	0.000400	0.00100	0.1	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	/
Silver Total											
Silver Total Thallium Tota		<0.00020 mg/l	0.000200	0.00100	0.002	1	05/19/14	FM	05/21/14 23:40:3	3 SLW	1

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**HEAVY METALS** 

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> 3505 Montopolis Drive Austin, TX 78744

Phone: (512)356-6022 Fax: (512)356-6021

#### **ANALYTICAL RESULTS**

Workorder: Q1416551

Sample Point TRT-TAP

Lab ID:

Facility

Sample ID:

Q1416551003

1418012

EP001

Date Received: 5/16/2014 08:00

Date Collected: 5/15/2014 11:24

Location

LAB SINK

Client ID

TX1750002

**Parameters** 

Results Units

<0.00007 mg/L

00

LOD

PQL

MCL

DF

Prepared

Ву

Analyzed

Sample Type: SAMPLE

By Qual

Analysis Desc: E245.1 Mercury Water

Mercury Total

Preparation Method: E245.1 Mercury Water Analytical Method: E245.1 Mercury Water

0.000070 0.000200 0.002 1 05/19/14 10:30:00 AE 05/21/14 10:32:00 AE

Matrix: Drinking Water

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

Date Received: 5/16/2014 08:00 Matrix: Drinking Water Lab ID: Q1416551004 5/15/2014 09:32 Sample Type: SAMPLE Date Collected: 1418158 Sample ID: Location Facility LAB SINK **FP002** Client ID Sample Point TRT-TAP TX1750002 MCL DF Prepared Analyzed **Parameters** Results Units LOD POL By By Qual INORGANICS Analysis Desc: E2340B, Hardness Preparation Method: E2340B, Hardness Analytical Method: E2340B, Hardness 1 05/22/14 13:49:35 CW 05/22/14 13:49:35 CW 123 mg/L Hardness Analysis Desc: E200.7 Metals, Trace Preparation Method: E200.7 Prep Elements Analytical Method: E200.7 Metals, Trace Elements 0.200 39.6 mg/L 0.0700 05/19/14 05/22/14 11:43:20 MV N Calcium Total 0.0200 0.0500 05/19/14 FM 05/22/14 11:43:20 MV <0.0200 mg/L 0.3 Iron Total 0.200 05/19/14 05/22/14 11:43:20 MV Magnesium Total 5.87 mg/L 0.0700 FM 23.0 mg/L 0.200 0.50020000 05/19/14 05/22/14 11:43:20 MV Sodium Total Analysis Desc: E200.8, ICP-MS Preparation Method: E200.8, ICP-MS Prep Analytical Method: E200.8, ICP-MS 0.00400 0.0100 0.2 1 05/19/14 05/21/14 23:46:25 SLW 0.025 mg/L **Aluminum Total** <0.00020 mg/L 0.000200 0.00100 0.006 1 05/19/14 FM 05/21/14 23:46:25 SLW **Antimony Total** 0 <0.00070 mg/L 0.000700 0.00200 0.01 05/19/14 05/21/14 23:46:25 SLW Arsenic Total 0.000700 0.00200 2 05/19/14 05/21/14 23:46:25 SLW 0.048 mg/L Barium Total 1 FM <0.00020 mg/L 0.00100 0.004 Beryllium Total 0.000200 1 05/19/14 05/21/14 23:46:25 SLW 0 <0.00040 mg/L 0.000400 0.00100 0.005 05/19/14 05/21/14 23:46:25 SLW Cadmium Total 0.0028 mg/L 0.000400 0.00100 0.1 05/19/14 05/21/14 23:46:25 SLW **Chromium Total** 0.00100 0.000400 1.3 05/19/14 05/21/14 23:46:25 SLW 0.0022 mg/L 1 FM Copper Total <0.00040 mg/L 0.00100 0.015 Lead Total 0.000400 05/19/14 FM 05/21/14 23:46:25 SLW

0

0.0029 mg/L

0.0020 mg/L

0 <0.00020 mg/L

<0.00040 mg/L

<0.00200 mg/L

0.00045 mg/L

0.000400

0.000400

0.00100

0.000400

0.000200

0.00200

**HEAVY METALS** 

Manganese Total

Nickel Total

Silver Total

Zinc Total

Selenium Total

Thallium Total

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.1

05/21/14 23:46:25 SLW

05/21/14 23:46:25 SLW

05/21/14 23:46:25 SIW

05/21/14 23:46:25 SLW

05/21/14 23:46:25 SLW

05/21/14 23:46:25 SLW

0.00100 0.05

0.00400 0.05

0.00100 0.002

0.1

0.1

5 1

1

1

0.00100

0.00100

0.00400

05/19/14

05/19/14

05/19/14

05/19/14

05/19/14

05/19/14

FM

FM



3505 Montopolis Drive

Austin, TX 78744

Phone: (512)356-6022 Fax: (512)356-6021

#### **ANALYTICAL RESULTS**

Lab ID:

Sample ID:

Facility

Workorder: Q1416551

Q1416551004

1418158

EP002

Sample Point TRT-TAP

Client ID

Location

PQL

Date Received: 5/16/2014 08:00

Date Collected: 5/15/2014 09:32

LAB SINK

TX1750002

MCL

DF Prepared

Analyzed

Sample Type: SAMPLE

Qual Ву

**Parameters** Analysis Desc: E245.1 Mercury Water

Mercury Total

Results Units

<0.00007 mg/L

00

LOD

Preparation Method: E245.1 Mercury Water

Analytical Method: E245.1 Mercury Water

0.000070 0.000200 0.002 1 05/19/14 10:30:00 AE 05/21/14 10:34:00 AE

By

Matrix: Drinking Water

Report ID: 92546 - 895019

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# Cyanide



3505 Montopolis Drive

Austin, TX 78744

Phone: (512)356-6022 Fax: (512)356-6021

#### **ANALYTICAL RESULTS**

Workorder: Q1416551

Lab ID:

Q1416551008

Date Received: 5/16/2014 08:00

Matrix: Drinking Water

Sample ID:

1451730

Date Collected: 5/15/2014 11:26

Sample Type: SAMPLE

Facility

**EP001** 

Location

LAB SINK

Sample Point TRT-TAP

Client ID

TX1750002

Ву Ву

Parameters

Results Units

LOD

PQL

MCL

DF Prepared

Analyzed

Qual

CYANIDE, TOTAL

Analysis Desc: E335.4 CN, SemiAuto

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

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#### **ANALYTICAL RESULTS**

Workorder: Q1416551

Sample Point TRT-TAP

Lab ID:

Q1416551009

Date Received: 5/16/2014 08:00

Matrix: Drinking Water

Sample ID:

1451860

Date Collected: 5/15/2014 09:36

Sample Type: SAMPLE

Facility

EP002

Location

LAB SINK

Client ID

TX1750002

Parameters

Results Units

LOD

PQL

MCL

DF Prepared

Ву Analyzed Ву

Qual

CYANIDE, TOTAL

Analysis Desc: E335.4 CN, SemiAuto

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

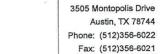
KH 05/23/14

CM

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# SOC5





Report ID: 92546 - 895019

# ANALYTICAL RESULTS

Workorder: Q1	410001										
_ab ID:	Q1416551011	Г	Date Received:	5/16/2014	08:00				Matrix: Drin		
Sample ID:	1404370		Date Collected:	5/15/2014	11:17		:	Sample	Type: SAI	IPLE	
Facility	EP001	. 1	ocation	LAB SINK							
Sample Point	TRT-TAP	(	Client ID	TX175000	2						
Parameters		Results Units	LOD	PQL	MCL	DF	Prepared	Ву	Analyzed	Bý	Qual
	E525.2 Pesticide	es by F	reparation Met	nod: E525.2	Pestici	des b	y GC/MS				
GC/MS		P	nalytical Metho	d: E525.2 P	esticide	s by (	GC/MS				
Benzo(a)pyren	е	<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	3
trans-Nonachio		<0.1 ug/L	0.1	0.1		1	05/22/14 09:00	:00 JR	05/22/14	23:23:00 MS	S 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	CONTRACTOR SOUTH	23:23:00 MS	
alpha-Chlordar	ne	<0.1 ug/L	0.1	0.1	2	1	05/22/14 09:00	:00 JR	05/22/14	23:23:00 MS	S 1
Atrazine		0.24 ug/L	0.08	0.10	3	1	05/22/14 09:00	:00 JR		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	
Butachlor		<0.1 ug/L	0.1	0.1		1	05/22/14 09:00	:00 JR	0.0000000000000000000000000000000000000	23:23:00 MS	
Dieldrin		<0.1 ug/L	0.1	. 0.1		1	05/22/14 09:00	:00 JR	05/22/14	23:23:00 MS	1 6
Endrin		<0.01 ug/L	0.01	0.10	2	1	05/22/14 09:00	:00 JR		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		23:23:00 MS	
gamma-Chloro	dane	<0.1 ug/L	• 0.1	0.1	2	1	05/22/14 09:00	:00 JR	WESSER TO WITH THE CO.	23:23:00 MS	
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	3
Heptachlor ep	oxide	<0.02 ug/L	0.02	0.10	0.2	1	05/22/14 09:00	0:00 JR		23:23:00 M	
Hexachlorobe	nzene	<0.08 ug/L	0.08	0.10	) 1	1	05/22/14 09:00	):00 JR		23:23:00 M	
Hexachlorocy	clopentadiene	<0.08 ug/L	0.08	0.10	50	1	05/22/14 09:00	):00 JR	05/22/14	23:23:00 M	S
Methoxychlor		<0.08 ug/L	0.08	0.10	40	1	05/22/14 09:00	):00 JR	05/22/14	23:23:00 M	S
Metolachlor		<0.1 ug/L	0.1	0.1	ı	1	05/22/14 09:00	):00 JR		23:23:00 M	
Metribuzin		<0.1 ug/L	0.1	0.1	1	1	05/22/14 09:00	0:00 JR	05/22/14	23:23:00 M	S I
Pentachloroph	nenol	<0.04 ug/L	0.04	0.10	) 1	1	05/22/14 09:00	0:00 JR	05/22/14	23:23:00 M	
Propachlor		<0.1 ug/L	0.1	0.1	1	1	05/22/14 09:00	0:00 JR	05/22/14	23:23:00 M	S I
Simazine		<0.05 ug/L	0.0	5 0.10	0 4	1	05/22/14 09:00	0:00 JR		23:23:00 M	
Bis(2-ethylhe)	xyl)adipate	<0.5 ug/L	0.9	5 2.0	400	1	05/22/14 09:0	0:00 JR	05/22/14	23:23:00 M	S
Bis(2-Ethylhe		<0.5 ug/L	0.8	5 2.0	0 6	1	05/22/14 09:0	0:00 JR	05/22/14	23:23:00 M	S
NONE	mines a company of the section of the	and the second s	Burgara and Fra	Mada TECO	1 Death	oidea	wee in the same	WOMEN		nggayan, sadd	11.00
Analysis Desi	c: E508.1 Pesticio		Preparation Me	arrant years and the	1.00						
			Analytical Meth	111715000045451.51100			Selection of America Control of the	0.00	05/08/4	02:10:24 N	11 11 11 11 11 11 11 11 11 11 11 11 11
Aroclor-1016		<0.07 ug/L					05/22/14 09:0			02:19:24 N	
Aroclor-1221		<0.25 ug/L					05/22/14 09:0			02:19:24 N	
Aroclor-1232		<0.25 ug/L	. 0.2	5 · 0.2	5 0.5	1	05/22/14 09:0	0:00 JR	05/28/14	02:19:24 N	W

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Matrix: Drinking Water

Sample Type: SAMPLE



#### ANALYTICAL RESULTS

Workorder: Q1416551

Lab ID:

Facility

Q1416551011

Sample ID:

1404370

EP001

Date Received: 5/16/2014 08:00

Date Collected: 5/15/2014 11:17 Location

LAB SINK

Client ID

Sample Point TRT-TAP	C	lient ID	TX	(175000)	2		1			
Parameters	Results Units	LOD	PC	QL.	MCL	DF	Prepared By	Analyzed	Ву	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 JF	05/28/14	02:19:24 NW	Ν
Aroclor-1254	<0.08 ug/L		80.0	0.25	0.5	1	05/22/14 09:00:00 JF	05/28/14	02:19:24 NW	Ν
Aroclor-1260	<0.08 ug/L		0.08	0.25	0.5	1	05/22/14 09:00:00 JF	05/28/14	02:19:24 NW	Ν
PCB, Total	<0.25 ug/L		0.25	0.25		1	05/22/14 09:00:00 JF	05/28/14	02:19:24 NW	
Chlordane	<0.15 ug/L		0.15	0.49	2	1	05/22/14 09:00:00 JF	05/28/14	02:19:24 NW	
Toxaphene	<0.5 ug/L		0.5	0.5	3	1	05/22/14 09:00:00 JF	05/28/14	02:19:24 NW	

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# **ANALYTICAL RESULTS**

Lab ID: Sample ID: Facility Sample Point	Q1416551012 1404529 EP002 TRT-TAP	D Li		ed: 5/16/2014 08:00 ed: 5/15/2014 09:29 LAB SINK TX1750002				Matrix: Drir e Type: SAM	_	
Parameters		Results Units	LOD	PQL	MCL	DF	Prepared By	Analyzed	Ву	Qual
Analysis Desc	: E525.2 Pesticide	es bv P	reparation Met	hod: E525.	2 Pesticio	des b	y GC/MS	in Control		
GC/MS		The second secon	nalytical Metho		a Property and	100 100 110	Harrist Project Browns Million			
		<0.02 ug/L	0.02	The second of the second		1	05/22/14 09:00:00 JR	05/22/14	23:50:00 MS	1917
Benzo(a)pyre		9	0.02		1000000	1	05/22/14 09:00:00 JR		23:50:00 MS	N
trans-Nonach	or-chiordane	<0.1 ug/L	0.1			1	05/22/14 09:00:00 JR		23:50:00 MS	
Alachlor		<0.1 ug/L	0.1			1	05/22/14 09:00:00 JR		23:50:00 MS	N
Aldrin		<0.1 ug/L	0.1			1	05/22/14 09:00:00 JR	100 000 000 000 000 000 000 000 000 000	23:50:00 MS	N
alpha-Chlordane		<0.1 ug/L	0.08			1	05/22/14 09:00:00 JR		23:50:00 MS	
Atrazine		<0.08 ug/L	0.00	VIII VIII VIII VIII VIII VIII VIII VII	EX 10.763	1	05/22/14 09:00:00 JR		23:50:00 MS	N
Bromacil		<0.2 ug/L	0.2			1	05/22/14 09:00:00 JR		23:50:00 MS	N
Butachlor		<0.1 ug/L	0.1			1	05/22/14 09:00:00 JR		23:50:00 MS	N
Dieldrin		<0.1 ug/L	0.01			1	05/22/14 09:00:00 JR		23:50:00 MS	
Endrin		<0.01 ug/L	0.02	• ###		1	05/22/14 09:00:00 JR		23:50:00 MS	
gamma-BHC (Lindane)		<0.02 ug/L	0.02			1	05/22/14 09:00:00 JR		23:50:00 MS	
gamma-Chlo	rdane	<0.1 ug/L	0.04			1	05/22/14 09:00:00 JR		23:50:00 MS	
Heptachlor		<0.04 ug/L				1	05/22/14 09:00:00 JR		23:50:00 MS	
Heptachlor epoxide		<0.02 ug/L	0.02	_	5000 1000000000000000000000000000000000	1	05/22/14 09:00:00 JR		23:50:00 MS	
Hexachlorobenzene		<0.08 ug/L				1	05/22/14 09:00:00 JR		23:50:00 MS	
Hexachlorocyclopentadiene		<0.08 ug/L	0.0				05/22/14 09:00:00 JR		23:50:00 MS	
Methoxychlor		<0.08 ug/L	0.0		1000	1			23:50:00 MS	
Metolachlor		<0.1 ug/L	0.		.1	1	05/22/14 09:00:00 JF		23:50:00 MS	
Metribuzin		<0.1 ug/L	0.		.1	1	05/22/14 09:00:00 JF		4 23:50:00 MS	
Pentachlorophenol		<0.04 ug/L	0.0			1	0.5/22/14 09:00:00 JF		4 23:50:00 MS	
Propachlor		<0.1 ug/L	0.		.1	1	05/22/14 09:00:00 JF	20 20	4 23:50:00 MS	
Simazine	ine <0.05 ug/L		0.0				05/22/14 09:00:00 JF			
Bis(2-ethylhe	2-ethylhexyl)adipate <0.5 ug/		0		.0 400		05/22/14 09:00:00 JF		4 23:50:00 MS	
Bis(2-Ethylh	exyl)phthalate	0.7 ug/L	0	.5 2	.0 6	1	05/22/14 09:00:00 JF	K 05/22/1	4 23:50:00 MS	S
NONE	an algeria iwa		Preparation M	ethod: F50	3 1 Pesti	cides	by GC			
Analysis De	sc: E508.1 Pestici	approximate the second of the	A STREET OF STREET AND A STREET AS A STREET							
		the part from a properties.	Analytical Met					D 05/28/1	4 02:38:38 N\	N
Aroclor-101					24 0.5		05/22/14 09:00:00 J		4 02:38:38 N\	766 2000 - 1
Aroclor-1221		<0.24 ug/L		•	24 0.5		05/22/14 09:00:00 J		4 02:38:38 N	THE STATE OF
Aroclor-123	2	<0.24 ug/L	. 0.3	24 0	24 0.5	5 1	05/22/14 09:00:00 J	K U3/28/	4 UZ.30.30 IVI	LV

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## ANALYTICAL RESULTS

Workorder: Q1416551

Lab ID:

Facility

Q1416551012

Sample ID:

1404529

EP002

Date Received: 5/16/2014 08:00

Date Collected: 5/15/2014 09:29 Location

LAB SINK

Matrix: Drinking Water

Sample Type: SAMPLE

Sample Point TRT-TAP	С	TX1750002									
Parameters	Results Units	LOD	PQL		MCL	DF	Prepared	Ву	Analyzed	Ву	Qual
Aroclor-1242	<0.24 ug/L		0.24	0.24	0.5	1	05/22/14 09:00:0	0 JR	05/28/14	02:38:38 NW	Ν
Aroclor-1248	<0.08 ug/L		0.08	0.24	0.5	1	05/22/14 09:00:0	0 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 09:00:0	0 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 09:00:0	0 JR	05/28/14	02:38:38 NW	Ν
PCB, Total	<0.24 ug/L		0.24	0.24		1	05/22/14 09:00:0	0 JR	05/28/14	02:38:38 NW	
Chlordane	<0.15 ug/L		0.15	0.49	2	1	05/22/14 09:00:0	0 JR	05/28/14	02:38:38 NW	
Toxaphene	<0.5 ug/L		0.5	0.5	3	1	05/22/14 09:00:0	0 JR	05/28/14	02:38:38 NW	

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