Annual Drinking Water Quality Report

TX2000004 ROWENA 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.

For more information regarding this report contact:

Name Justin Strube

Phone 325-365-1094

ROWENA WSC is Purchased Surface Water

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (325)365-1094.

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.

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 PURCHASED FROM CITY OF Ballinger Tx	CC FROM TX2000001 CITY OF Ballinger TX	SW	Active	1201 Country Club RD Ballinger Tx 76821

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	1	1	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2014	0	15	1.5	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	93	26.3 - 199	No goal for the total	60	ppb	Y	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2014	270	93.6 - 545	No goal for the total	80	ppb	Y	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	0.23	0.23 - 0.23	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Violations Table

Consumer Confidence Rule

The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
CCR ADEQUACY/AVAILABILITY/CONTENT	07/01/2014	2014	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water.

Haloacetic Acids (HAA5)*

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MCL, LRAA	04/01/2014	06/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	07/01/2014	09/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	10/01/2014	12/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.

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)	09/29/2014	02/17/2015	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.

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	08/24/2014	09/04/2014	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.

Violations Table

Total Trihalomethanes (TTHM)			
Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MCL, LRAA	01/01/2014	03/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	04/01/2014	06/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	07/01/2014	09/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	10/01/2014	12/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.

The Rowena WSC has received plans from an engineer for a chloramine disinfection system. This new system is expected to control the TTHM and HAA5 contamination problems. These plans have been presented to a contractor and implementation of the new system is expected to begin within 4-6 months.

In regards to the late notifications to our customers we are working to improve our productivity in responding to you appropriately.

In addition to receiving disinfected water from the City of Ballinger chlorine is added at the Rowena WSC distribution system.

Average level of quarterly data= 1.28 mg/l
Lowest result of single sample= 0.79 mg/l
Highest result of a single sample= 2.52 mg/l
Maximum residual disinfectant level= 4.0 mg/l
Maximum residual disinfectant goal= 2.0 mg/l
Unit of measure is mg/l= milligram per liter mg/l
Source of chemical is liquid chlorine

The following pages are reports received from the City of Ballinger

TEXAS Department of State Health Services

Texas Department of State Health Services

LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

PO BOX 149347
AUSTIN, TEXAS 78714-9347
1-888-963-7111
www.dshs.state.tx.us

*ALL MINERALS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 03/13/2014
Report ID# : 20140313071330AC44914

Lab Sample ID# : AC44914
Sample Priority : NORMAL
TCEQ ID#(s) : 1420656

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:30
Date Received : 02/28/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.30	pH			
Diluted Conductance [1]	1450	µmho/cm	SM 2510 B	03/03/2014 08:45	BF
Phenolphthalein Alkalinity as CaCO3	<2	mg/L	SM 2320B	03/04/2014 17:43	MD
Total Alkalinity as CaCO3	127	mg/L	SM 2320B	03/04/2014 17:43	MD
Bicarbonate	155	mg/L	SM 2320B	03/04/2014 17:43	MD
Carbonate	<2	mg/L	SM 2320B	03/04/2014 17:43	MD
Fluoride [1]	0.65	mg/L	EPA 300.0	03/06/2014 15:23	MD
Chloride [1]	203	mg/L	EPA 300.0	03/07/2014 09:16	MD
Sulfate [1]	206	mg/L	EPA 300.0	03/07/2014 09:16	MD
Total Dissolved Solids [1]	762	mg/L	SM 2540C	03/03/2014 13:40	BF
Nitrate as N [1]	0.59	mg/L	EPA 353.2	03/04/2014 11:56	AH

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2009 Standard) requirements.

Authorized by Analyst LARCHER on 03/12/2014

TEXAS Department of State Health Services

Texas Department of State Health Services

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*ALL METALS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 03/13/2014
Report ID# : 20140313071330AC44975

Lab Sample ID# : AC44975
Sample Priority : NORMAL
TCEQ ID#(s) : 1418037

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:30
Date Received : 02/28/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/28/2014	IU
pH Check	Completed		EPA 200.2	03/03/2014	HN
Turbidity Screen	Completed		SM 2130B	03/03/2014	PG
Visible Particles	Completed			03/03/2014	PG
Total Hardness as CaCO3 by Calculation	**347**	mg/L	SM 2340B	03/03/2014	HN
Aluminum [1]	**0.0259**	mg/L	EPA 200.8	03/04/2014	IU
Antimony [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Arsenic [1]	**0.0020**	mg/L	EPA 200.8	03/04/2014	IU
Barium [1]	**0.179**	mg/L	EPA 200.8	03/04/2014	IU
Beryllium [1]	< 0.00080	mg/L	EPA 200.8	03/04/2014	IU
Cadmium [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Calcium	**70.2**	mg/L	EPA 200.7	03/03/2014	HN
Chromium [1]	< 0.0100	mg/L	EPA 200.8	03/04/2014	IU
Copper [1]	**0.0049**	mg/L	EPA 200.8	03/04/2014	IU
Iron [1]	< 0.010	mg/L	EPA 200.7	03/03/2014	HN
Lead [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Magnesium [1]	**41.6**	mg/L	EPA 200.7	03/03/2014	HN
Manganese [1]	**0.0075**	mg/L	EPA 200.8	03/04/2014	IU
Mercury [1]	< 0.00040	mg/L	EPA 245.1	03/06/2014	IU
Nickel [1]	**0.0021**	mg/L	EPA 200.8	03/04/2014	IU
Potassium [1]	**8.54**	mg/L	EPA 200.7	03/03/2014	HN
Selenium [1]	**0.0048**	mg/L	EPA 200.8	03/04/2014	IU
Silver [1]	< 0.0100	mg/L	EPA 200.8	03/04/2014	IU
Sodium [1]	**111**	mg/L	EPA 200.7	03/07/2014	HN
Thallium [1]	< 0.00040	mg/L	EPA 200.8	03/04/2014	IU
Zinc [1]	< 0.0050	mg/L	EPA 200.8	03/04/2014	IU

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead EBOYER on 03/11/2014

TEXAS Department of State Health Services

Texas Department of State Health Services

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Semivolatiles Organic
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 05/13/2014
Report ID# : 20140513094909AC45166

Lab Sample ID# : AC45166
Sample Priority : NORMAL
TCEQ ID#(s) : 1404396

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:28
Date Received : 02/28/2014
Date Analyzed : 03/13/2014
Extraction Date : 03/12/2014

Conc. Units : µg/L
Method : EPA 525.2
Analyst : JO
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Alachlor [1]	<0.2	
Atrazine [1]	<0.1	
Benzo[a]pyrene [1]	<0.02	
alpha-Chlordane	<0.2	
gamma-Chlordane	<0.2	
trans-Nonachlor	<0.2	
Di(2-ethylhexyl) adipate [1]	<0.6	
Di(2-ethylhexyl) phthalate [1]	<0.6	
Heptachlor [1]	<0.04	
Hexachlorobenzene [1]	<0.1	
Hexachlorocyclopentadiene [1]	<0.1	*
Lindane [1]	<0.02	
Methoxychlor [1]	<0.1	
Pentachlorophenol [1]	<0.04	
Simazine [1]	<0.07	

Monitored Compounds	Result	Qualifier
Acenaphthene	<0.20	
Acenaphthylene	<0.20	
Aldrin	<0.20	
Anthracene	<0.20	
Benzo(a)anthracene	<0.20	
Benzo[b]fluoranthene	<0.20	
Benzo[g,h,i]perylene	<0.20	
Benzo[k]fluoranthene	<0.20	
Bromacil	<0.20	
Butachlor	<0.20	
Butylbenzylphthalate	<2.0	
2-Chlorobiphenyl	<0.20	
Chrysene	<0.20	
Dibenz[a,h]anthracene	<0.20	
Di-n-butylphthalate	<2.0	
2,3-Dichlorobiphenyl	<0.20	
Dieldrin	<0.20	
Diethylphthalate	<2.0	

Monitored Compounds continued	Result	Qualifier
Dimethylphthalate	<2.0	
Fluorene	<0.20	
2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
Indeno[1,2,3-cd]pyrene	<0.20	
Metolachlor	<0.20	
Metribuzin	<0.20	
Naphthalene	<0.20	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Phenanthrene	<0.20	
Prometon	<0.20	*
Propachlor	<0.20	
Pyrene	<0.20	
2,2',4,4'-Tetrachlorobiphenyl	<0.20	
2,4,5-Trichlorobiphenyl	<0.20	
Trifluralin	<0.20	

Tentatively Identified Compounds	Result	Qualifier
OCTADECANOIC ACID	**3.2**	
HEXADECANOIC ACID	**3.7**	

Tentative identification of the largest non-target peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.

Comments:

* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.

The test results on this report relate only to the sample identified on this report.

Authorized by Analyst MKABAY on 05/09/2014

TEXAS Department of State Health Services

Texas Department of State Health Services

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Pesticides by Method 508.1
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 05/13/2014
Report ID# : 20140513094909AC45166

Lab Sample ID# : AC45166
Sample Priority : NORMAL
TCEQ ID#(s) : 1404396

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:28
Date Received : 02/28/2014
Date Analyzed : 04/02/2014

Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : JO
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Chlordane [1]	<0.20	
Endrin [1]	<0.01	
Heptachlor epoxide [1]	<0.02	
Toxaphene [1]	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2009 Standard) requirements.

Authorized by Analyst MKABAY on 05/09/2014

TEXAS Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 07/01/2014
Report ID# : 20140701084303AC57035

Lab Sample ID# : AC57035
Sample Priority : NORMAL
TCEQ ID#(s) : 1453083

Water Source :
Entry Point(s) : EP001

Date Collected : 06/17/2014 11:50
Date Received : 06/18/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.06	mg/L	10-204-00-1-X	06/20/2014 17:15	LM

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 06/26/2014

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 10/02/2014
Report ID# : 20141002093859AC67413

Lab Sample ID# : AC67413
Sample Priority : NORMAL
TCEQ ID#(s) : 1453109

Water Source :
Entry Point(s) : EP001

Date Collected : 09/16/2014 14:12
Date Received : 09/19/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.1	mg/L	10-204-00-1-X	09/29/2014 11:44	MD

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 09/30/2014

OCT 10 2014

TEXAS Department of State Health Services

Texas Department of State Health Services

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1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

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Volatile Organic Compounds by GC/MS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 10/09/2014
Report ID# : 20141009135320AC67447

Lab Sample ID# : AC67447
Sample Priority : NORMAL
TCEQ ID#(s) : 1401959

Water Source :
Entry Point(s) : EP001

Date Collected : 09/16/2014 14:11
Date Received : 09/19/2014
Date Analyzed : 09/26/2014

Conc. Units : µg/L
Method : EPA 524.2
Analyst : DY
Sample Cond. : Acceptable

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier
Benzene [1]	<0.5	
Carbon tetrachloride [1]	<0.5	
Monochlorobenzene [1]	<0.5	
o-Dichlorobenzene [1]	<0.5	
para-Dichlorobenzene [1]	<0.5	
1,2-Dichloroethane [1]	<0.5	
1,1-Dichloroethylene [1]	<0.5	
cis-1,2-Dichloroethylene [1]	<0.5	
trans-1,2-Dichloroethylene [1]	<0.5	
1,2-Dichloropropane [1]	<0.5	
Dichloromethane [1]	<0.5	
Ethylbenzene [1]	<0.5	
Styrene [1]	<0.5	
Tetrachloroethylene [1]	<0.5	
Toluene [1]	<0.5	
1,2,4-Trichlorobenzene [1]	<0.5	
1,1,1-Trichloroethane [1]	<0.5	
1,1,2-Trichloroethane [1]	<0.5	
Trichloroethylene [1]	<0.5	
Vinyl chloride [1]	<0.5	
Xylenes (total) [1]	<0.5	

Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier
Chloroform	5.7	
Bromodichloromethane	16	
Dibromochloromethane	23	
Bromoform	19	
Dibromomethane	<1.0	
1,3-Dichlorobenzene	<1.0	
1,1-Dichloropropene	<1.0	
1,1-Dichloroethane	<1.0	
1,1,2,2-Tetrachloroethane	<1.0	
1,3-Dichloropropane	<1.0	
Chloromethane	<2.0	
Bromomethane	<2.0	
1,2,3-Trichloropropane	<1.0	
1,1,1,2-Tetrachloroethane	<1.0	
Chloroethane	<2.0	
2,2-Dichloropropane	<1.0	
2-Chlorotoluene	<1.0	
4-Chlorotoluene	<1.0	
Bromobenzene	<1.0	
cis-1,3-Dichloropropene	<1.0	
trans-1,3-Dichloropropene	<1.0	

Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
1,2,4-Trimethylbenzene	<1.0	
1,2,3-Trichlorobenzene	<1.0	
n-Propylbenzene	<1.0	
n-Butylbenzene	<1.0	
Naphthalene	<1.0	
Hexachlorobutadiene	<1.0	
1,3,5-Trimethylbenzene	<1.0	
4-Isopropyltoluene	<1.0	
Isopropylbenzene	<1.0	
t-Butylbenzene	<1.0	
s-Butylbenzene	<1.0	
Trichlorofluoromethane	<2.0	
Dichlorodifluoromethane	<2.0	
Bromochloromethane	<1.0	

Other Compounds	Result	Qualifier
Acetone	<10	
Acrylonitrile	<10	
2-Butanone (MEK)	<10	
Carbon disulfide	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<1.0	
Iodomethane	<2.0	
Methyl methacrylate	<1.0	
4-Methyl-2-pentanone (MIBK)	<2.0	
Methyl-t-butyl ether (MTBE)	<2.0	
Tetrahydrofuran	<5.0	
Vinyl acetate	<10	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Branch Manager CHOGBERG on 10/07/2014

TEXAS Department of State Health Services

Texas Department of State Health Services

LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

PO BOX 149347
AUSTIN, TEXAS 78714-9347
1-888-963-7111
www.dshs.state.tx.us

*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 12/23/2014
Report ID# : 20141223083523AC74130

Lab Sample ID# : AC74130
Sample Priority : NORMAL
TCEQ ID#(s) : 1453135

Water Source :
Entry Point(s) : EP001

Date Collected : 12/09/2014 10:53
Date Received : 12/10/2014

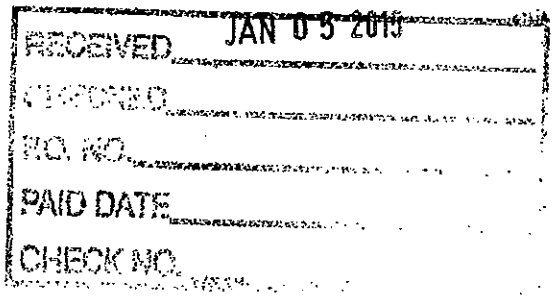
Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.17	mg/L	10-204-00-1-X	12/16/2014 11:59	MD

Comments:

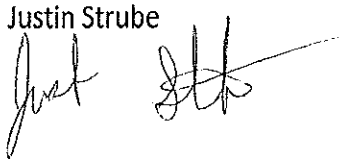
The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 12/18/2014



If you have any questions regarding this report contact Justin Strube at 325-365-1094 or Email at rowenawater@yahoo.com. Also if information is needed about board meeting or water department operations contact Justin Strube at 325-365-1094 or any Rowena WSC board members will be able to provide the information

Justin Strube



St. Joseph Catholic Church 2015
August Ministry

Sat. Aug. 1st, 5:00 P.M.	
Rosary:	KC's
Servers:	Jacob,Colton, Sydney, Hannah P
Readers:	Karen, Adam
Comment:	Stephanie
Ushers:	Larry, Sharon, FE
Euch Min:	Deacon, Virginia, Lisa
Organist	Ethel
Cantor	Dorothy
Gifts	Clifton & Maxine Michalewicz
Child Lit.	None
Money	None

Sun. Aug. 2nd, 9:30 AM	
Rosary:	KC's
Servers:	Chris, Marial, Marissa, Evan
Readers:	Maxine, Brooklynn
Comment:	Robert
Ushers:	Mario, Paul, Dustan, Derek
Euch Min:	Laura, Paul, Monica, Dawn, Michael
Organist	Lorene
Cantor	Choir
Gifts	Kevin & Diane Michalewicz
Child. Lit	Duane & DeeDee Schniers
Money	Terri & Laura

Sat. Aug. 8th, 5:00 P.M.	
Rosary:	Altar Society
Servers:	Layne, Carrie, Alexa, Kamryn
Readers:	Amy, Rachel
Comment:	Pat
Ushers:	David, Ben, Clifton, Brett
Euch Min:	Deacon, Frances, Brooklynn
Organist	Lorene
Cantor	Norma
Gifts	Dennis & Janet Minzenmayer
Child Lit.	None
Money	None

Sun. Aug. 9th, 9:30 AM	
Rosary:	Altar Society
Servers:	Adam,Taylor, Whitney, Tucker
Readers:	John, Damian
Comment:	Kathy
Ushers:	Clarence S., John, Lance, Melvin Jr.
Euch Min:	Deacon, Tony, Norma, Martha, Taryn
Organist	Iris
Cantor	Choir
Gifts	Paul & Monica Minzenmayer
Child Lit.	Holly Gaston & Anne Halfmann
Money	Rick, Joseph, Dena, & Frances

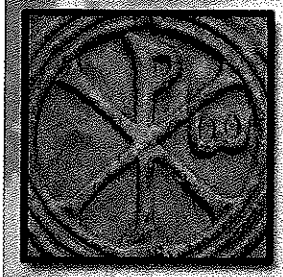
Sat. Aug. 15th, 5:00 P.M. - Assumption on the Blessed Virgin Mary	
Rosary:	CDA
Servers:	Ross, Hannah, Heidi, Cambree
Readers:	Rhonda
Comment:	Dennis & Janet Minzenmayer
Ushers:	Alan, Jerry, Ryan
Euch Min:	Deacon, Linda G., Paula
Organist	Lorene
Cantor	Kay
Gifts	Maurice & Dornie Moeller
Child Lit.	None
Money	None

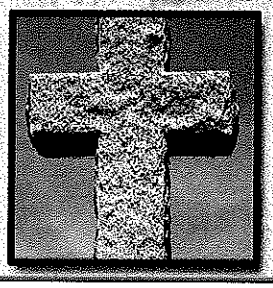
Sun. Aug. 16th, 9:30 AM	
Rosary:	CDA
Servers:	Reid, Heather, Christian, Julie
Readers:	Alan, Ashlee
Comment:	Dorothy
Ushers:	Rick, Stanley, Bruce, Brad
Euch Min:	Deacon, Linda F., Larry, Cheryl, Maxine
Organist	Ethel
Cantor	Choir
Gifts	Tony & Norma Multer
Child. Lit	Norma Sharp & Kathleen Schniers
Money	Charles, Linda, Larry, & Sharon

Sat. Aug. 22nd, 5:00 P.M.	
Rosary:	KC's
Servers:	Katy, Seth, Weston , Luke
Readers:	Norma, Damian
Comment:	Denise
Ushers:	Mark, Doug, Kenneth
Euch Min:	Deacon, Carmen, Rhonda
Organist	Iris
Cantor	Dorothy
Gifts	Justin & Shayna Neighbors
Child Lit.	None
Money	None

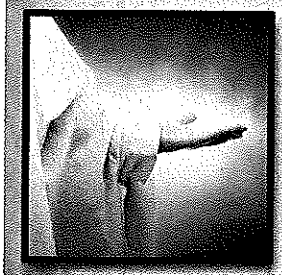
Sun. Aug. 23rd, 9:30 AM	
Rosary:	KC's
Servers:	Kelton, Landon, Haley, Trey
Readers:	Setphanie, Adam
Comment:	Karen
Ushers:	Burnell, Nelson, Werner, Scott, Jason
Euch Min:	Deacon, Al, Ann, Gwen, McKenzi
Organist	Ethel
Cantor	Choir
Gifts	David & Gwen Ocker
Child. Lit	Paul & Monica Minzenmayer
Money	Ray, Patsy, Pat L. & Sharon W.

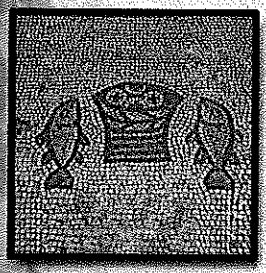
Saturday, August 29th and Sunday, August 30th - Continued on Back





SEVENTEENTH SUNDAY OF ORDINARY TIME





This is undoubtedly the Prophet who is to come into the world.

THE CLUSTER PARISHES OF
St. Joseph, St. Thomas & St. Boniface

We are the parish communities of the Diocese of San Angelo walking together in faith & united in love.

MASS SCHEDULE

Saturday	5:00 pm	St. Joseph
Saturday	6:30 pm	Bilingual, St. Thomas
Sunday	8:00 am	St. Thomas
Sunday	9:30 am	St. Joseph
Sunday	11:00 am	St. Boniface
Monday	6:00 pm	St. Joseph
Tuesday	8:00 am	St. Joseph
Wednesday	8:30 am	St. Thomas
Thursday	6:00 pm	St. Boniface
Friday	8:30 am	St. Thomas

PASTOR: Father Ariel Lagunilla
506 Edward St, Rowena, TX 76875-3602
Office: **(325) 442-3043** • Rectory **(325) 442-2362**
Cell: (432) 530-3876
Email: bukayo6@hotmail.com
stjosephcatholic@verizon.net

DEACON: Stanley Lange
404 7th Street, Miles, TX, 76861
Office: **(325) 468-3171** • Cell: (325) 656-8095

DEACON: Charlie Evans
135 Recreation Rd. 10, Voss, TX, 76888
Office: **(325) 357-4520** • Cell: (432) 634-6170

ST. JOSEPH PARISH
505 Bennie St., Rowena, TX 76875-3602
Mailing Address: P.O. Box 96, Rowena, TX 76875
Office: **(325) 442-3521** • Fax: (325) 442-4602
Email:stjosephcatholic@verizon.net
CCD: (325) 442-3871
Office Hours: Monday - Thursday 8 am to 12:15 pm
Kari Smetana, Parish Secretary/Bookkeeper
Avel Rodriguez, Maintenance

ST. THOMAS THE APOSTLE PARISH
404 7th Street, Miles, Texas, 76861
Mailing Address: P.O. Box 306, Miles, TX 76861
Office: **(325) 468-3171** • Fax: (325) 468-2146
Email: st.thomas_miles@wcc.net
Office Hours: Wednesday 1:00 pm-5:00 pm
Janice Lange, Parish Secretary/Bookkeeper

ST. BONIFACE PARISH, OLFEN
1118-CO RD. 234, Rowena, TX 76875
Office: **(325) 442-2893** • Fax: (325) 442-2893
Email: sntboniface@yahoo.com
Office Hrs: Thursday 8:30 am-5:00 pm
Starla Matthiesen, Parish Secretary/Bookkeeper

BULLETIN DEADLINE: 10 days prior to printing, Wednesday 12:00 noon. To submit information, call or email your parish office or send directly to sntboniface@yahoo.com.

FAITH FORMATION, DEVOTION & PRAYER RELIGIOUS EDUCATION
Wednesday at St. Joseph & St. Thomas from 6:30-7:30 pm,
St. Boniface from 6:00-7:00 pm.

CHILDRENS LITURGY: Celebrated at Sunday Mass: 9:30 am at St. Joseph & 11 am at St. Boniface

BIBLE STUDY: Thursday, 6:00 pm, parish meeting room of St. Joseph. Monday, Spanish, 6:00 pm at St. Thomas.

ROSARY: Before all weekend Masses at all parishes, on weekdays at 12:00 noon at St. Joseph and before the Thursday evening Mass at St. Boniface.

PERPETUAL HELP DEVOTION: Monday, 6:00 pm at St. Joseph.

FIRST FRIDAY MASS & BLESSED SACRAMENT ADORATION: 1st Friday of the Month, 7:00 pm at St. Joseph.

MORNING PRAYER: Before the weekday Mass at St. Thomas.

EXPOSITION OF THE BLESSED SACRAMENT: 4th Sunday of the Month at 8:00 am Mass, St. Thomas.
1st Sunday of the month at 9:45 am at St. Boniface.

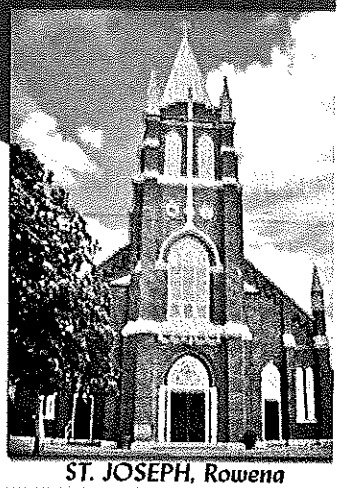
SACRAMENTAL LIFE
BAPTISM: Classes are required for both parents & godparents. Parents must be registered members of the parish. Contact the parish priest for an interview.

MARRIAGE: Couple must be a registered and active member of the parish. Call the parish priest at least 6 months before the wedding so that the initial preparation process may be completed.

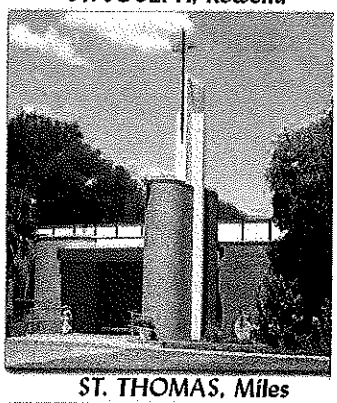
RECONCILIATION: Saturday, 4:00-4:50 pm at St. Joseph Parish, before the daily Mass, or by appointment.

SACRAMENT OF THE SICK: Those facing surgery, medical treatment or serious illness, call the priest for the anointing of holy oil. For communion, please inform the homebound coordinator of your parish.

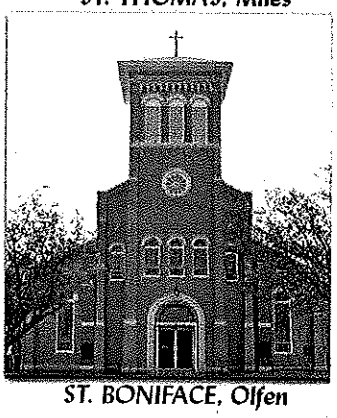
RCIA: Do you want to learn more about the Catholic Church? Thinking of becoming a Catholic? Are you an adult Catholic who has not received First Communion or not been confirmed? For information call Robert Jalomo at 325-718-7643 or 325-718-7648 and rowanjal55@yahoo.com or anjal_lady@yahoo.com.



ST. JOSEPH, Rowena



ST. THOMAS, Miles



ST. BONIFACE, Olfen

WELCOME
We extend a warm welcome to anyone new to our cluster parish communities & all visitors who celebrate with us throughout the year. If you are new in our parish or if you have been coming to our Church and have not registered yet, we encourage you to register and become part of our faith community. Call the parish office for more information.

Annual Drinking Water Quality Report

TX2000004 ROWENA 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.

For more information regarding this report contact:

Name Justin Strube

Phone 325-365-1094

ROWENA WSC is Purchased Surface Water

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (325)365-1094.

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.

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 PURCHASED FROM CITY OF	CC FROM TX2000001 CITY OF	SW	___Active____	1201 Country Club RD
Ballinger Tx	Ballinger TX			Ballinger Tx 76821

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	1	1	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2014	0	15	1.5	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	93	26.3 - 199	No goal for the total	60	ppb	Y	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2014	270	93.6 - 545	No goal for the total	80	ppb	Y	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	0.23	0.23 - 0.23	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Violations Table

Consumer Confidence Rule

The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
CCR ADEQUACY/AVAILABILITY/CONTENT	07/01/2014	2014	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water.

Haloacetic Acids (HAA5)*

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MCL, LRAA	04/01/2014	06/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	07/01/2014	09/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	10/01/2014	12/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.

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)	09/29/2014	02/17/2015	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.

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	08/24/2014	09/04/2014	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.

Violations Table

Total Trihalomethanes (TTHM)			
Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MCL, LRAA	01/01/2014	03/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	04/01/2014	06/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	07/01/2014	09/30/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.
MCL, LRAA	10/01/2014	12/31/2014	Water samples showed that the amount of this contaminant in our drinking water was above its standard (called a maximum contaminant level and abbreviated MCL) for the period indicated.

The Rowena WSC has received plans from an engineer for a chloramine disinfection system. This new system is expected to control the TTHM and HAA5 contamination problems. These plans have been presented to a contractor and implementation of the new system is expected to begin within 4-6 months.

In regards to the late notifications to our customers we are working to improve our productivity in responding to you appropriately.

In addition to receiving disinfected water from the City of Ballinger chlorine is added at the Rowena WSC distribution system.

Average level of quarterly data= 1.28 mg/l
Lowest result of single sample= 0.79 mg/l
Highest result of a single sample= 2.52 mg/l
Maximum residual disinfectant level= 4.0 mg/l
Maximum residual disinfectant goal= 2.0 mg/l
Unit of measure is mg/l= milligram per liter mg/l
Source of chemical is liquid chlorine

The following pages are reports received from the City of Ballinger

TEXAS Department of State Health Services

Texas Department of State Health Services

LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

PO BOX 149347
AUSTIN, TEXAS 78714-9347
1-888-963-7111
www.dshs.state.tx.us

*ALL MINERALS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 03/13/2014
Report ID# : 20140313071330AC44914

Lab Sample ID# : AC44914
Sample Priority : NORMAL
TCEQ ID#(s) : 1420656

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:30
Date Received : 02/28/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.30	pH			
Diluted Conductance [1]	**1450**	µmho/cm	SM 2510 B	03/03/2014 08:45	BF
Phenolphthalein Alkalinity as CaCO3	<2	mg/L	SM 2320B	03/04/2014 17:43	MD
Total Alkalinity as CaCO3	**127**	mg/L	SM 2320B	03/04/2014 17:43	MD
Bicarbonate	**155**	mg/L	SM 2320B	03/04/2014 17:43	MD
Carbonate	<2	mg/L	SM 2320B	03/04/2014 17:43	MD
Fluoride [1]	**0.65**	mg/L	EPA 300.0	03/06/2014 15:23	MD
Chloride [1]	**203**	mg/L	EPA 300.0	03/07/2014 09:16	MD
Sulfate [1]	**206**	mg/L	EPA 300.0	03/07/2014 09:16	MD
Total Dissolved Solids [1]	**762**	mg/L	SM 2540C	03/03/2014 13:40	BF
Nitrate as N [1]	**0.59**	mg/L	EPA 353.2	03/04/2014 11:56	AH

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2009 Standard) requirements.

Authorized by Analyst LARCHER on 03/12/2014

TEXAS Department of State Health Services

Texas Department of State Health Services

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*ALL METALS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 03/13/2014
Report ID# : 20140313071330AC44975

Lab Sample ID# : AC44975
Sample Priority : NORMAL
TCEQ ID#(s) : 1418037

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:30
Date Received : 02/28/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/28/2014	IU
pH Check	Completed		EPA 200.2	03/03/2014	HN
Turbidity Screen	Completed		SM 2130B	03/03/2014	PG
Visible Particles	Completed			03/03/2014	PG
Total Hardness as CaCO3 by Calculation	**347**	mg/L	SM 2340B	03/03/2014	HN
Aluminum [1]	**0.0259**	mg/L	EPA 200.8	03/04/2014	IU
Antimony [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Arsenic [1]	**0.0020**	mg/L	EPA 200.8	03/04/2014	IU
Barium [1]	**0.179**	mg/L	EPA 200.8	03/04/2014	IU
Beryllium [1]	< 0.00080	mg/L	EPA 200.8	03/04/2014	IU
Cadmium [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Calcium	**70.2**	mg/L	EPA 200.7	03/03/2014	HN
Chromium [1]	< 0.0100	mg/L	EPA 200.8	03/04/2014	IU
Copper [1]	**0.0049**	mg/L	EPA 200.8	03/04/2014	IU
Iron [1]	< 0.010	mg/L	EPA 200.7	03/03/2014	HN
Lead [1]	< 0.0010	mg/L	EPA 200.8	03/04/2014	IU
Magnesium [1]	**41.6**	mg/L	EPA 200.7	03/03/2014	HN
Manganese [1]	**0.0075**	mg/L	EPA 200.8	03/04/2014	IU
Mercury [1]	< 0.00040	mg/L	EPA 245.1	03/06/2014	IU
Nickel [1]	**0.0021**	mg/L	EPA 200.8	03/04/2014	IU
Potassium [1]	**8.54**	mg/L	EPA 200.7	03/03/2014	HN
Selenium [1]	**0.0048**	mg/L	EPA 200.8	03/04/2014	IU
Silver [1]	< 0.0100	mg/L	EPA 200.8	03/04/2014	IU
Sodium [1]	**111**	mg/L	EPA 200.7	03/07/2014	HN
Thallium [1]	< 0.00040	mg/L	EPA 200.8	03/04/2014	IU
Zinc [1]	< 0.0050	mg/L	EPA 200.8	03/04/2014	IU

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead EBOYER on 03/11/2014

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Texas Department of State Health Services

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Semivolatiles Organic
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 05/13/2014
Report ID# : 20140513094909AC45166

Lab Sample ID# : AC45166
Sample Priority : NORMAL
TCEQ ID#(s) : 1404396

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:28
Date Received : 02/28/2014
Date Analyzed : 03/13/2014
Extraction Date : 03/12/2014

Conc. Units : µg/L
Method : EPA 525.2
Analyst : JO
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Alachlor [1]	<0.2	
Atrazine [1]	<0.1	
Benzo[a]pyrene [1]	<0.02	
alpha-Chlordane	<0.2	
gamma-Chlordane	<0.2	
trans-Nonachlor	<0.2	
Di(2-ethylhexyl) adipate [1]	<0.6	
Di(2-ethylhexyl) phthalate [1]	<0.6	
Heptachlor [1]	<0.04	
Hexachlorobenzene [1]	<0.1	
Hexachlorocyclopentadiene [1]	<0.1	*
Lindane [1]	<0.02	
Methoxychlor [1]	<0.1	
Pentachlorophenol [1]	<0.04	
Simazine [1]	<0.07	

Monitored Compounds	Result	Qualifier
Acenaphthene	<0.20	
Acenaphthylene	<0.20	
Aldrin	<0.20	
Anthracene	<0.20	
Benzo(a)anthracene	<0.20	
Benzo[b]fluoranthene	<0.20	
Benzo[g,h,i]perylene	<0.20	
Benzo[k]fluoranthene	<0.20	
Bromacil	<0.20	
Butachlor	<0.20	
Butylbenzylphthalate	<2.0	
2-Chlorobiphenyl	<0.20	
Chrysene	<0.20	
Dibenz[a,h]anthracene	<0.20	
Di-n-butylphthalate	<2.0	
2,3-Dichlorobiphenyl	<0.20	
Dieldrin	<0.20	
Diethylphthalate	<2.0	

Monitored Compounds continued	Result	Qualifier
Dimethylphthalate	<2.0	
Fluorene	<0.20	
2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
Indeno[1,2,3-cd]pyrene	<0.20	
Metolachlor	<0.20	
Metribuzin	<0.20	
Naphthalene	<0.20	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Phenanthrene	<0.20	
Prometon	<0.20	*
Propachlor	<0.20	
Pyrene	<0.20	
2,2',4,4'-Tetrachlorobiphenyl	<0.20	
2,4,5-Trichlorobiphenyl	<0.20	
Trifluralin	<0.20	

Tentatively Identified Compounds	Result	Qualifier
OCTADECANOIC ACID	**3.2**	
HEXADECANOIC ACID	**3.7**	

Tentative identification of the largest non-target peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.

Comments:

* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.

The test results on this report relate only to the sample identified on this report.

Authorized by Analyst MKABAY on 05/09/2014

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Texas Department of State Health Services

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Pesticides by Method 508.1
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 05/13/2014
Report ID# : 20140513094909AC45166

Lab Sample ID# : AC45166
Sample Priority : NORMAL
TCEQ ID#(s) : 1404396

Water Source :
Entry Point(s) : EP001

Date Collected : 02/27/2014 11:28
Date Received : 02/28/2014
Date Analyzed : 04/02/2014

Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : JO
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Chlordane [1]	<0.20	
Endrin [1]	<0.01	
Heptachlor epoxide [1]	<0.02	
Toxaphene [1]	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Analyst MKABAY on 05/09/2014

TEXAS Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 07/01/2014
Report ID# : 20140701084303AC57035

Lab Sample ID# : AC57035
Sample Priority : NORMAL
TCEQ ID#(s) : 1453083

Water Source :
Entry Point(s) : EP001

Date Collected : 06/17/2014 11:50
Date Received : 06/18/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.06	mg/L	10-204-00-1-X	06/20/2014 17:15	LM

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 06/26/2014

TEXAS Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 10/02/2014
Report ID# : 20141002093859AC67413

Lab Sample ID# : AC67413
Sample Priority : NORMAL
TCEQ ID#(s) : 1453109

Water Source :
Entry Point(s) : EP001

Date Collected : 09/16/2014 14:12
Date Received : 09/19/2014

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.1	mg/L	10-204-00-1-X	09/29/2014 11:44	MD

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 09/30/2014

OCT 10 2014

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Volatile Organic Compounds by GC/MS
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 10/09/2014
Report ID# : 20141009135320AC67447

Lab Sample ID# : AC67447
Sample Priority : NORMAL
TCEQ ID#(s) : 1401959

Water Source :
Entry Point(s) : EP001

Date Collected : 09/16/2014 14:11
Date Received : 09/19/2014
Date Analyzed : 09/26/2014

Conc. Units : µg/L
Method : EPA 524.2
Analyst : DY
Sample Cond. : Acceptable

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier
Benzene [1]	<0.5	
Carbon tetrachloride [1]	<0.5	
Monochlorobenzene [1]	<0.5	
o-Dichlorobenzene [1]	<0.5	
para-Dichlorobenzene [1]	<0.5	
1,2-Dichloroethane [1]	<0.5	
1,1-Dichloroethylene [1]	<0.5	
cis-1,2-Dichloroethylene [1]	<0.5	
trans-1,2-Dichloroethylene [1]	<0.5	
1,2-Dichloropropane [1]	<0.5	
Dichloromethane [1]	<0.5	
Ethylbenzene [1]	<0.5	
Styrene [1]	<0.5	
Tetrachloroethylene [1]	<0.5	
Toluene [1]	<0.5	
1,2,4-Trichlorobenzene [1]	<0.5	
1,1,1-Trichloroethane [1]	<0.5	
1,1,2-Trichloroethane [1]	<0.5	
Trichloroethylene [1]	<0.5	
Vinyl chloride [1]	<0.5	
Xylenes (total) [1]	<0.5	

Monitored Cmpds.[40 CFR 141.40(o)]	Result	Qualifier
Chloroform	5.7	
Bromodichloromethane	16	
Dibromochloromethane	23	
Bromoform	19	
Dibromomethane	<1.0	
1,3-Dichlorobenzene	<1.0	
1,1-Dichloropropene	<1.0	
1,1-Dichloroethane	<1.0	
1,1,2,2-Tetrachloroethane	<1.0	
1,3-Dichloropropane	<1.0	
Chloromethane	<2.0	
Bromomethane	<2.0	
1,2,3-Trichloropropane	<1.0	
1,1,1,2-Tetrachloroethane	<1.0	
Chloroethane	<2.0	
2,2-Dichloropropane	<1.0	
2-Chlorotoluene	<1.0	
4-Chlorotoluene	<1.0	
Bromobenzene	<1.0	
cis-1,3-Dichloropropene	<1.0	
trans-1,3-Dichloropropene	<1.0	

Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
1,2,4-Trimethylbenzene	<1.0	
1,2,3-Trichlorobenzene	<1.0	
n-Propylbenzene	<1.0	
n-Butylbenzene	<1.0	
Naphthalene	<1.0	
Hexachlorobutadiene	<1.0	
1,3,5-Trimethylbenzene	<1.0	
4-Isopropyltoluene	<1.0	
Isopropylbenzene	<1.0	
t-Butylbenzene	<1.0	
s-Butylbenzene	<1.0	
Trichlorofluoromethane	<2.0	
Dichlorodifluoromethane	<2.0	
Bromochloromethane	<1.0	

Other Compounds	Result	Qualifier
Acetone	<10	
Acrylonitrile	<10	
2-Butanone (MEK)	<10	
Carbon disulfide	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<1.0	
Iodomethane	<2.0	
Methyl methacrylate	<1.0	
4-Methyl-2-pentanone (MIBK)	<2.0	
Methyl-t-butyl ether (MTBE)	<2.0	
Tetrahydrofuran	<5.0	
Vinyl acetate	<10	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Branch Manager CHOGBERG on 10/07/2014

Texas Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 2000001

CITY OF BALLINGER
PO BOX 497
BALLINGER, TX 76821-0497

Date Reported : 12/23/2014
Report ID# : 20141223083523AC74130

Lab Sample ID# : AC74130
Sample Priority : NORMAL
TCEQ ID#(s) : 1453135

Water Source :
Entry Point(s) : EP001

Date Collected : 12/09/2014 10:53
Date Received : 12/10/2014

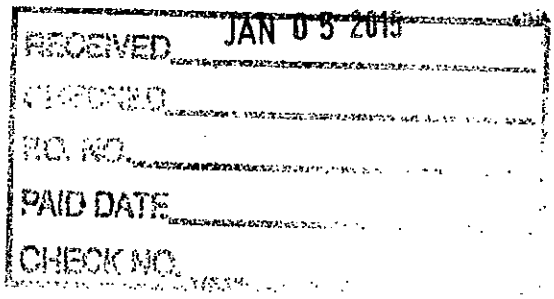
Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	0.17	mg/L	10-204-00-1-X	12/16/2014 11:59	MD

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 12/18/2014



If you have any questions regarding this report contact Justin Strube at 325-365-1094 or Email at rowenawater@yahoo.com. Also if information is needed about board meeting or water department operations contact Justin Strube at 325-365-1094 or any Rowena WSC board members will be able to provide the information

Justin Strube