

ANNUAL WATER QUALITY REPORT

FOR THE PERIOD OF JANUARY 1, 2016 TO DECEMBER 31, 2016

For information regarding this report, please

contact:

Bill Brown

General Manager (512) 759 – 1286

Este reporte incluye información importante sobre el agua para tomar, Para asistencia en español, favor de llamar al telefono. (512) 759 - 1286.

OBJECTIVE

PUBLIC WATER SYSTEM # TX2460022

This report is intended to provide you with important information about your drinking water and the efforts made by Jonah Water Special Utility District (SUD) to provide safe drinking water. Over the years, we have dedicated ourselves to producing drinking water that meets all state and federal standards. We continually strive to meet the challenges of providing the best quality drinking water to our customers as we experience continuing population growth within our CCN (Certificate of Convenience and Necessity).

PUBLIC PARTICIPATION OPPORTUNITIES

You are invited to participate in our public forum and learn more about your water utility at a monthly Board meeting. We meet the first Thursday of each month, beginning at 7 p.m., at 4050 FM 1660, Hutto, Texas 78634. Este informe incluye informacion importante sobre el aqua potable. Si tiene preguntas o commentarios sobre este informe en espanol, favor de llamar at tel. (512) 759-1286 para hablar con una persona bilingue en espanol.

WHERE DOES MY WATER COME FROM?

Our drinking water is obtained from ground water and surface water sources. The ground water comes from Edwards and associated limestones—(Balcones Fault). The surface water comes from the East Williamson County Regional Water System.

SOURCES OF DRINKING WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

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.

Contaminants that may be present in source water include

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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 & Herbicides	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 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.

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)426-4781.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

INFORMATION ABOUT SOURCE WATER ASSESSMENTS

The TCEQ completed an assessment of your source water and results indicated that some of your sources are susceptible to certain contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detection of these contaminants may be found in this Consumer Confidence Report. For information on source water assessments and protection efforts at our system, contact Bill Brown, General Manager at (512) 759-1286, For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL:

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

Avg	Regulatory compliance with some MCLs are based on running annual average monthly samples.
MCL	Maximum Contaminant Level – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCL Gs as feasible using the best available treatment technology.
Level 1 Assessment	Study of water system to identify potential problems and determine (if possible) why total conform bacteria have been four in our water system.
MCLG	Maximum Contaminant Level Goal – The level of a contaminant in drinking water below which there is no known or expected risk to health, MCLGs allow for a margin of safety
Level 2 Assessment	Very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
MRDL	Maximum residual disinfectant level – The highest level of a disinfectant allowed in dinnking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	Maximum residual disinfectant level goal – The level of 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
mrem	Millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric turbidity units (a measure of furbidity)
pCi/L	Picocuries per later (a measure of radioactivity)
ppb	Micrograms per liter or parts per billion - or one ounce in 7,350,000 gallions of water
ppm	Milligrams per liter or parts per million - or one ounce in 7,350 gallons of water
TT .	Treatment Technique - a required process intended to reduce the level of contaminant in drinking water
ppl	Parts per Inilian, or nanograms per liter (ng/L)
ppq	Parts per quadrition, or picograms per lifer (pg/L)

Lead and Copper								
Definitions. Action Level Goal (ALG safety Action Level: T): The level of a he concentration	contamina n of a cont	ent in drinking aminant whic	water below h, if exceede	which there i	s no kn atment	or other re	pected risk to health. ALGs allow for a margin equirements 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	9/12/2014	1.3	13	0.37	0	ppm	N	Erosion of natural deposits; Leaching from woo preservatives; Corrosion of household plumbing systems.
Lead	9/12/2014	0	15	2.9	0	ррь	N	Corrosion of household plumbing systems. Erosion of natural deposits.
Regulated Contai	ninants						1000	
Disinfectants and Disinfection By- Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloscetic Acids (HAA5)	2016	28	6.1 - 49.9	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2018	72	27.7 - 93.3	No goal for the total	80	ppb	и	By-product of drinking water disinfection.
Inorganic Contam	inants	2 - 4			Allie	Action when the		
inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	2016	3.3	0 - 3.3	0	10	ppb	N	Erosion of natural deposits, Runoff from orchards; Runoff from glass and electronics production wastes.
Barium	2016	0.0635	0.0297 - 0.0635	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries, Erosion of natural deposits
Fluoride	4/30/2014	3.52	0.28 - 3.52	4	4	ppm	N	Erosion of natural deposits, Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate (measured as Nitrogen)	2016	3	0.01 - 3.12	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Organic Contami	nants							
Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Vinyl Chloride	2018	0.5	0.00-0.50	0	2	ppb	N	Leaching from PVC piping: Dicharge from plastics factories
Radioactive Conta	aminants							A-02
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228 Gross alpha	4/30/2014	1.67	1.67 - 1.67	_ 0	5	pCi/L	N	Erosion of natural deposits
oross aipna excluding radon and uranium	4/30/2014	6.4	6.4 - 6.4	0	15	pCi/L	N	Erosion of natural deposits.
Violations Table	- 13		-dista		0503			
PUBLIC NOTIFICATION These notices immediat	RULE: The Pu	blic Notific	ation Rule he e is a serioou	ps to ensure s problem w	that consum	ers will ng wate	always kr er (e.g., a i	now if there is a problem with their drinking wate boil water emergency).
Violation Type					on Begin		tion End	Violation Explanation
PUBLIC NOTICE RULE						We failed to adequately notify you, our drinking water consumers, about a violation of the		



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OBJECTIVE

WALBURG WATER SYSTEM - PWS # TX2460016

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Regulated Contaminants

Disinfectants and Disinfection By- Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Total Trihalomethanes (TTHM)	2016	1.5	1.5 - 1.5	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
Barlum	12/10/2015	0,0778	0.0778 - 0.0778	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride 2016 3.54		3.54 - 3.54	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.	
Nitrate [measured as Nitrogen]	2016	0.03	0.03 - 0.03	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	12/10/2015	5.3	5.3 - 5.3	0	50	pCi/L*	N	Decay of natural and man-made deposits.

^{*}EPA considers 50 pCi/L to be the level of concern for beta particles.

Combined Radium 226/228	12/10/2015	1.16	1.16 - 1.16	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	12/10/2015	4.4	4.4 - 4.4	0	15	pCi/L	N	Erosion of natural deposits.



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OBJECTIVE

GREEN ACRES - PWS # TX2480054

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na	Not applicable
mrem	Millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric turbidity units (a measure of turbidity)
pCi/L	Procuries per liter (a measure of radioactivity)
ppb	Micrograms per later 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
Π	Treatment Technique – a required process intended to reduce the level of contaminant in drinking water.
ppt	Parts per trillion, or nanograms per lifer (ng/L)
ppq	Parts per quadrillion, or picograms per liter (pg/L)

Disinfectants and Disinfection By- Products	Collection Date	Highest Level Detected	Range of Lavels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2016	1	1-1	No goal for the total	60	ррь	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2016	6.3	6.3 - 6.3	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2016	0.0486	0.0486 - 0.0486	2	2	ррт	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2016	3.6	3.62 - 3.62	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate (measured as Nitrogen)	2016	0.03	0.03 - 0.03	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Hange of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	08/21/2014	3	3-3	0	5	pCI/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	08/21/2014	3	3-3	0	15	pCi/L	N	Erosion of natural deposits.

Violations Table

Chlorine

Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

Violation Type	Violation Begin	Violation End	Violation Explanation
Disinfectant Level Quarterly Operating Report (DLQOR),			We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Lead and Copper Rule

The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.

Violation Type	Violation Begin	Violation End	Violation Explanation
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2015	2016	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2016	2016	We failed to test our drinking water for the contaminant and period Indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Public Notification Rule

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

Violation Type	Violation Begin	Violation End	Violation Explanation
PUBLIC NOTICE RULE LINKED TO VIOLATION	10/13/2016		We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.



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OBJECTIVE

CHAPARRAL III - PWS # TX2460047

This report is intended to provide you with important information about your drinking water and the efforts made by Jonah Water Special Utility District (SUD) to provide safe drinking water. Over the years, we have dedicated ourselves to producing drinking water that meets all state and federal standards. We continually strive to meet the challenges of providing the best quality drinking water to our customers as we experience continuing population growth within our CCN (Certificate of Convenience and Necessity).

PUBLIC PARTICIPATION OPPORTUNITIES

You are invited to participate in our public forum and learn more about your water utility at a monthly Board meeting. We meet the first Thursday of each month, beginning at 7 p.m., at 4050 FM 1660, Hutto, Texas 78634. Este informe incluye informacion importante sobre el aqua potable. Si tiene preguntas o commentarios sobre este informe en espanol, favor de llamar at tel. (512) 759-1286 para hablar con una persona bilingue en espanol.

WHERE DOES MY WATER COME FROM?

Our drinking water is obtained from ground water and surface water sources. The ground water comes from Edwards and associated limestones—(Balcones Fault). The surface water comes from the East Williamson County Regional Water System.

SOURCES OF DRINKING WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

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.

Contaminants that may be present in source water include

	Present moderate restor morard
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 & Herbicides	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 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.

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)426-4781.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

INFORMATION ABOUT SOURCE WATER ASSESSMENTS

The TCEQ completed an assessment of your source water and results indicated that some of your sources are susceptible to certain contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detection of these contaminants may be found in this Consumer Confidence Report. For information on source water assessments and protection efforts at our system, contact Bill Brown, General Manager at (512) 759-1286. For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL:

http://www.txcq.texas.gov/gis/swaview

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

	Terms & Abbreviations
Avg	Regulatory compliance with some MCLs are based on running annual average monthly samples.
MCL	Maximum Contaminant Level – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCL Gs as feasible using the best available treatment technology.
Level 1 Assessment	Study of water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
MCLG	Maximum Contaminant Level Goal – The level of a contaminant in drinking water below which there is no known or expected risk to health, MCLGs allow for a margin of safety
Level 2 Assessment	Very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
MRDL	Maximum residual districtant level – The highest level of a disinfectant allowed in dinhung water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	Maximum residual distributions of the level of drinking water distributions which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of distributions to control microbial contaminants.
MFL	Million fibers per liter (a measure of asbestos)
na	Not applicable
mrem	Millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric turbidity units (a measure of turbidity)
pCi/L	Picocuries per liter (a measure of radioactivity)
ppb	Micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water
ppm	Milligrams per liter or parts per million – or one ounce in 7,350 gallons of water
TT	Treatment Technique – a required process intended to reduce the level of contaminant in drinking 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
Total Trihalomethanes (TTHM)	2016	6.1	6.1 - 6.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	Collection Date	Elighest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2016	0.0199	0.0199 - 0.0199	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2016	4.8	0.22 - 4.83	4	4.0	ppm	Y	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from tertilizer and aluminum factories.
Nitrale [measured as Nitrogen]	2016	0.08	0.08 - 0.08	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL.	Units	Violation	Likely Source of Contamination
Beta/photon emitters	02/21/2014	6.4	6.4 - 6.4	0	50	pCi/L*	N	Decay of natural and man-made deposits.

^{*}EPA considers 50 pCi/L to be the level of concern for beta particles.

Combined Radium 226/228	02/21/2014	1.66	1.66 - 1.66	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	02/21/2014	8.3	8.3 - 8.3	0	15	pCi/L	N	Erosion of natural deposits.

Violations Table

Fluoride

Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mortling of childrens teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of teeth, and occurs only in developing teeth

Violation Type	Violation Begin	Violation End	Violation Explanation
MCL, AVERAGE	01/01/2016		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, AVERAGE	04/01/2016		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
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2015	2016	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	10/01/2016		We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Public Notification Rule

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

Violetion Type	Violation Begin	Violation End	Violation Explanation
PUBLIC NOTICE RULE LINKED TO VIOLATION	01/27/2012	2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	01/21/2013	2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	12/30/2014	04/05/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	06/03/2015	04/05/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	07/09/2015	04/05/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	01/07/2016	04/05/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO VIOLATION	04/25/2016	01/10/2017	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.
PUBLIC NOTICE RULE LINKED TO /IOLATION	09/26/2016	01/10/2017	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.