TX0070004

CITY OF LYTLE

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.

CITY OF LYTLE is Ground Water

For more information regarding this report contact:

City of Lytle Name

(830) 709-3692 Phone

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono 830) 705-3692

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

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
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater
- 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 brinking 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

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.isp?wtrsrc=

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

Source Water Name

2 - 0.5MI N OF 3

3 - FM 2790 / CR 6710

CM

2014

Report Status

Location

Report Status

Location

Report Status

Location

Coliform Bacteria

ximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No. of Positive	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
0	1 positive monthly sample.	1	0	N	Naturally present in the environment.

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	# Siles Over AL	Units	Violation	Likely Source of Contamination
Copper	09/30/2013	1.3	1.3	0.145	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	09/30/2013	0	15	1.75	1	ррь	N	Corrosion of household plumbing systems; Erosion of natural deposits.

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 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 Water Quality Test Results 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 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) 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 Collection Date Highest Level Range of Levels MCLG MCL By-Products Units Violation Likely Source of Contamination Detected Detected Total Trihalomethanes 2014 5 5.2 - 5.2 No goal for the 80 (TTHM) ppb By-product of drinking water disinfection. total Inorganic Contaminants Collection Date Highest Level Range of Levels MCLG MCL Units Violation Likely Source of Contamination Detected Detected Arsenic 09/09/2010 0.85 0.85 - 0.85 0 10 ppb N Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes. Barium 09/09/2010 0.0902 0.0902 - 0.0902 2 2 N Discharge of drilling wastes; Discharge from ppm metal refineries; Erosion of natural deposits. Chromium 09/09/2010 5.14 5.14 - 5.14 100 100 ppb N Discharge from steel and pulp mills; Erosion of natural deposits. Fluoride 2014 1.56 1.56 - 1.56 4 4.0 ppm Erosion of natural deposits, Water additive which

promotes strong teeth; Discharge from fertilizer

and aluminum factories.

Nitrogen]	2014		1.19 - 1.19	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Selenium	09/09/2010	1.65	1.65 - 1.65	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Thallium	09/09/2010	0.221	0.221 - 0.221	0.5	2	ppb	N	Discharge from electronics, glass, and Leachin from ore-processing sites; drug factories.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	05/04/2009	1,6.	1.6 - 1.6	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	05/04/2009	6.1	6.1 - 6.1	0	15	pCi/L	ν.	Erosion of natural deposits.
Violations Table								
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he Lead and Copper Rule pro aad and copper containing.plu	otects public health mbing materials.	by minimizing lead ar	nd copper levels in c	trinking water, prim	nanily by reducing v	water corrosivity	/. Lead and cop	oper enter drinking water mainly from corrosion o
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