

CITY OF SNYDER

Annual Water Quality Report for the period of January 1 to December 31, 2015.

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. 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: Ray Hernandez 325-573-3782

SPECIAL NOTICE

Este informe contiene información muy importante sobre el agua que usted bebe. Traducido a 6 hablas con alguien que lo entienda.

Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants 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 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 on Sources of 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 contaminants that may be present in source

- Microbial contaminants, such as bacteria and viruses. They 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 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

- 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.

Secondary Constituents Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. The taste and odor constituents are called secondary constituents and are regulated by the State of Texas, not the EPA. These constituents are not causes for health concern. Therefore, secondaries are not required to be reported in this document but they may greatly affect the appearance and taste of your water.

Public Participation Opportunities

The City of Snyder Water Department is governed by the Snyder City Council, which meets on the first Monday of each month in the City Council Chambers located at City Hall (1925 24th Street). You may also contact the Customer Service Director at (325) 573-4960.

Any questions about this report please call the Water Treatment Plant at (325) 573-3782.

Where do we get our drinking water? Our drinking water is obtained from a combination of water sources. It comes from the following: CRMWD LAKE J.B. THOMAS, CRMWD LAKE IVIE and CRMWD RAW.

DEFINITIONS

Maximum Contaminant Level (MCL) The MCL is the highest permissible level of contaminant in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) The level of contaminant in drinking water below which there is no known or expected health risk. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) The highest level of 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 (MRDLG) MRDLG is the level of drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectant to control microbial contaminants.

Average (AVG) Regulatory compliance with some MCLs are based on running annual average of monthly samples.

PPM: one ounce in 7,350 gallons of water

PPB: one ounce in 7,350,000 gallons of water.

NA: Not Applicable

ABBREVIATIONS
 NTU – Nephelometric Turbidity Units
 MFL – million fibers per liter (a measure of asbestos)
 pCi/l – picocuries per liter (a measure of radioactivity)
 ppm – parts per million, or milligrams per liter (mg/l)
 ppb – parts per billion, or micrograms per liter
 ppt – parts per trillion, or nanograms per liter
 ppq – parts per quadrillion, or picograms per liter

City of Snyder

Coliform Bacteria		Fecal Coliform or E. Coli	
Maximum Contaminant Level	Highest Number of Positive	Total Number of Positive E. Coli or Fecal Coliform	Likely Source of Contaminants
0	1	1	Naturally present in the environment
MCL: A routine sample and a repeat sample are total coliform positive, and one is also fecal coliform or E. Coli positive.			

Year or Range	Contaminant	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Source of Contaminants
2015	Chloride	0.58	0.23 - 0.58	0.8	1	ppm	N	Disinfectant used to control microbes.

Year or Range	Contaminant	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Source of Contaminants
2015	Hexachlorocyclopentadiene (HAA5)*	19	1.8 - 14.4	No Goal For Total	60	ppb	N	By-product of drinking water chlorination *EPA considers 50 ppb to be the level of concern for beta particles
2015	Total Trihalomethanes (TTHM)	30	3.3 - 11.4	No Goal For Total	80	ppb	N	By-product of drinking water chlorination

Year or Range	Contaminant	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Source of Contaminants
2015	Barium	0.18	0.18	2	2	ppm	N	Discharge of drilling wastes. Discharge from metal refineries. Erosion of natural deposits.
2015	Chromium	0.8	0.8	100	100	ppb	N	Discharge from steel and pulp mills. Erosion of natural deposits.
2013	Cyanide	72.5	72.5	200	200	ppb	N	Discharge from plastic and fertilizer factories.
2015	Fluoride	0.1	0.146 - 0.146	4	4.0	ppm	N	Discharge from steel/metal factories. Erosion of natural deposits. Water additive which promotes strong teeth. Discharge from fertilizer and aluminum factories.
2015	Nitrate (measured as Nitrogen)	0.36	0.36	10	10	ppm	N	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.

Total Organic Carbon
 The Percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set, unless a TOC violation is noted in the violations section.

Year or Range	Contaminant	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Source of Contaminant
2013	Beta/Photon emitters	11.9	11.9 - 11.9	0	50	pCi/L	N	Decay of natural and man-made deposits.

Year	Contaminant	The 90th Percentile	Number of Sites Exceeding Action Level	Action Level	MCLG	Unit of Measure	Violation	Source of Contaminant
9/18/2013	Copper	0.208	0	1.3	1.3	ppm	N	Corrosion of household plumbing systems. Erosion of natural deposits. Leaching from wood preservatives.
9/18/2013	Lead	5.41	0	15	0	ppb	N	Corrosion of household plumbing systems. Erosion of natural deposits.

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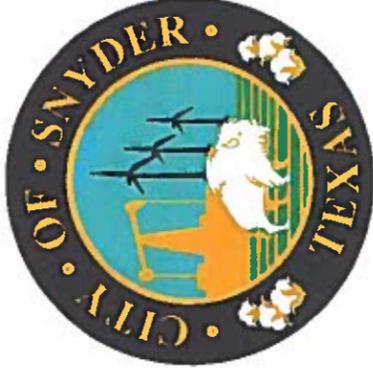
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City of Snyder Water Treatment Plant
 3102 Avenue M
 Snyder, Texas 79549

PRESORT STANDARD
 US POSTAGE PAID
 POSTAL PROS INC



TX2080001
 Water Treatment Plant
 325-573-3782

Consumer Confidence Report 2015

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. The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Year	Contaminant	The 90th Percentile	Number of Sites Exceeding Action Level	Action level	MCLG	Unit of Measure	Violation	Source of Constituent
9/19/2013	Copper	0.208	0	1.3	1.3	ppm	N	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
9/19/2013	Lead	5.41	0	15	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits

Violations

Violation Type	Health Effects	Duration	Explanation	Steps to Correct
Monthly Comb Fir Effluent (IESWTR/LT)	The Intermittent Enrichment Surface Water Treatment Rule improves control of microbial contaminants, particularly Cryptosporidium, in systems using surface water, or ground water under the direct influence of surface water. The rule builds upon the treatment technique requirements of the Surface Water Treatment Rule.	09/07/15 to 09/30/15	Turbidity levels, though relatively low, exceeded a standard for the month indicated. Turbidity (cloudiness) levels are used to measure effective filtration of drinking water.	We are currently in compliance with the TCEQ on the Violation.
Public Notification Rule	The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. The notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency)	10/31/2015 to 2/19/2016	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations.	We are Currently working on being in compliance with the TCEQ on the Violation.

Violations

Violation Type	Health Effects	Duration	Explanation	Steps to Correct
LEAD CONSUMER NOTICE(LCR)	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.	12/30/2013	We failed to provide the results of lead tap water monitoring to the consumer at the location water was tested. These were supposed to be provided no later than 30 days after the results.	Currently working on being in compliance with the TCEQ.