

Type of Contaminant	Year or Range	Contaminant (unit of measure)	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Violation	Source Contaminant	Type of Treatment	Year or Range	Disinfectant Used	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Source of Chemical
Inorganic Contaminant	2016	Arsenic (ppb)	0	0	10	0	N	Erosion of natural deposits	MRDL	2016	Chloramines (ppm)	1.21	0.50	3.20	4.0	4.0	Disinfectant to control microbes
	2016	Barium (ppm)	0.120	0.103-0.120	2	2	N	Erosion of natural deposits; discharge from drilling waste	Type of Contaminant	Year or Range	MCLG	90th Percentile	# Sites Over AL	Violation			Likely source of Contamination
	2016	Fluoride (ppm)	0.66	0.26-0.66	4	4.0	N	Erosion of natural deposits; water additive for strong teeth; discharge from fertilizer and aluminum factories	Copper (ppm)	2016	1.3	1.3	0.154	1	N		Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
	2016	Nitrate (ppm) (measured as Nitrogen)	0.356	.151-.356	10	10	N	Erosion of natural deposits; runoff from fertilizer use; leaching from septic tanks or sewage	Lead (ppb)	2016	0	15	2.5	1	N		Erosion of natural deposits; Corrosion of household plumbing systems
	6/16/2015	Nitrite (ppm) (measured as Nitrogen)	0.0885	0 - 0.0885	1	1	N	Erosion of natural deposits; runoff from fertilizer use; leaching from septic tanks or sewage	Type of Contaminant (From Abilene/Anson)	Year or Range	Highest single level detected	Lowest Monthly % of Samples Meeting Limits	Limit (Treatment Technique)	Lowest Monthly % meeting Limit	Violation		Source of Contaminant
	2016	Selenium (ppb)	3.5	<3.0-3.5	50.0	50	N	Erosion of natural deposits; discharge from petroleum refineries	Turbidity (NTU)	2016	0.28	100.00%	1	0.3	N		Soil Runoff
	2016	Cyanide (ppb)	220	100-120	200	200	N	Discharge from plastic and fertilizer factories; discharge from steel/metal factories	Type of Contaminant	Year or Range	Contaminant	Highest # of Positive Samples	MCL	Unit of Measure	Violation		Source of Contaminant
Disinfectants and Disinfection By-products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Violation	Likely Source of Contamination	Total Coliform	2016	Total Coliform Bacteria	1	0	Presence	N			Naturally present in the enviroment
Haloacetic Acids (HAA5) (ppb)	2016	28	3.5-38.7	No goal for the total	60	N	By-product of drinking water disinfection	Fecal Coliform or E.Coli MCL: a routine sample and a repeat sample are total coliform positive, and one is a fecal coliform or E. Coli positive.				Real Water Loss: 13.18%					
Total Trihalomethanes (TTHM) (ppb)	2016	35	18.3-62.6	No goal for the total	80	N	By-product of drinking water disinfection	In the water loss audit submitted to the Texas Water Development Board for the time period of Jan-Dec 2016, our system lost an estimated 21,659,300 gallons of water. If you have any questions about the water loss audit please call 325-537-9268.									
Type of Contaminant	Year or Range	Contaminant (unit of measure)	Average Level	Minimum Level	Maximum Level	Secondary Limit	Source of Contaminant	Definitions and Abbreviations: The following table contain scientific terms and measures, some may require explanation. Avg: Regulatory compliance with some MCLs are based on running annul average of monthly samples ppm – parts per million or milligrams per liter (mg/L). One ounce in 7.350 gallons of water. ppb – parts per billion or micrograms per liter (µg/L). One ounce in 7,350,000 gallons of water. ppt - parts per trillion, or nanograms per liter (ng/L) ppq - Parts per quadrillion, or picograms per liter (pg/L) Maximum Contaminant Level (MCL) - The highest level of a substance that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using best available treatment technology Maximum Contaminant Level Goal (MCLG) - The level of a substance in drinking water below which there is no known or expected health risk. MCLGs allow for a margin of safety. Treatment Technique (TT) - A required process intended to reduce the level of a substance in drinking water. MFL - million fibers per liter (a measure of asbestos) NTU – Nephelometric turbidity units. Unit of measure of the turbidity (cloudiness) of the water pCi/L – picocuries per liter. (a measure of radioactivity) 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) – 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. Action Level (AL) – the concentration of a substance, which, if exceeded, triggers treatment or other requirements which a water system must follow. J - Analyte detected below the quantitation limit but above the detection limit. ND - Analyte not detected in sample. na - not applicable.									
Secondary and other	2016	Aluminum (ppm)	0.022	<0.02	0.043	0.05	Naturally present in enviroment										
Constituents	2016	Bicarbonate (ppm)	144	116	167	na	Corrosion of carbonate rocks such as limestone										
not	2016	Calcium (ppm)	56.2	47	65.5	na	Naturally present in enviroment										
Regulated	2016	Copper (ppm)	<0.002	<0.002	0.002	1.0	Corrosion of household plumbing, erosion from natural deposits; leaching from wood preservatives.										
	2016	Magnesium (ppm)	18	10.9	25.1	na	Naturally present in enviroment										
	2016	Manganese (ppm)	0.024	0.0191	0.03	0.05	Naturally present in enviroment										
	2016	Nickel (ppm)	0.0047	0.0036	0.0054	na	Erosion of natural deposits.										
	2016	pH (units)	7.5	7.3	7.9	>7.7	Measure of corrosivity of water.										
	2016	Sodium (ppm)	71.2	63.8	78.6	na	Erosion of natural deposits; byproduct of oil field activity.										
	2016	Sulfate (ppm)	97	74	142	300	Naturally occurring; common industrial byproduct; byproduct of oil field activity.										
	2016	Total Alkalinity as CaCO2 (ppm)	119	95	139	na	Naturally occurring soluble mineral salts.										
	2016	Total Dissolved Solids (ppm)	437	367	569	na	Total dissolved mineral constituents in water.										
	2016	Total Hardness as CaCO2 (ppm)	214	162	267	na	Naturally occurring calcium.										
	2016	Chloride (ppm)	323	217	380	300	Naturally present in enviroment										