

Annual Drinking Water Quality Report

Period of January 1 to December 31, 2023

PSW ID 1290016

This report provides important information about your drinking water and the efforts to provide safe drinking water. For more information regarding this report, contact Mindi Letchworth, Development & Operations Supervisor, at 972-564-3801 or email mindi@highpointsud.com.

Information about Your Drinking Water

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

Drinking water, including bottled water, may reasonably contain at least small amounts of some contaminants. Contaminants do not necessarily indicate that water poses a health risk. Call the EPA's Safe Drinking Water Hotline (800) 426-4791 for more information about contaminants and potential health effects.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, can naturally result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides may come from various sources such as agriculture, urn stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, are by-products of industrial processes and petroleum production and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive contaminants can naturally result from oil and gas production and mining activities.

To ensure that tap water is safe to drink, EPA prescribes regulations that limit the number of specific contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, providing the same protections for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of issues do not necessarily cause health concerns. Please contact the office for more information on drinking water's taste, odor, or color.

In drinking water, you may be more vulnerable than the general population to specific microbial contaminants, such as Cryptosporidium. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer, those undergoing organ transplants, those 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 ways to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800) 426-4791.

If present, elevated lead levels 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 cannot control the various 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, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps to minimize exposure are available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Information about Source Water

High Point SUD purchases Surface Water from the City of Forney and Terrell. North Texas Municipal Water District treats raw water from Lake Lavon, Lake Tawakoni, and Lake Bois d'Arc and sells it to Forney and Terrell.

Water Conservation

No landscape and lawn irrigation from 10 am – 6 pm. Prohibit using water in such a manner as to allow runoff or other waste. Limit watering with sprinklers or irrigation systems to no more than two days per week as needed per the following schedule:

- -Addresses ending in 0, 2, 4, 6, 8 Wednesday & Saturday
- -Addresses ending in 1, 3, 5, 7, 9 Tuesday & Friday

Public Participation Opportunities

The Board of Directors holds a public meeting every 3rd Thursday of each month at 16983 Valley View Road, Forney, TX 75126, beginning at 12:00 pm. To learn more about future public meetings, visit our website at <u>www.highpointsud.com</u>.

The TCEQ has completed a Source Water Susceptibility for all drinking water systems that own their sources. The report describes the susceptibility and constituents that may contact your drinking water source based on human activities and natural conditions. The technique(s) from which we purchased our water received the assessment report. For more information on our system's source water assessments and protection efforts, contact Mindi Letchworth at <u>mindi@highpointsud.com</u> or call 972-564-3801.

En Español

Este reporte incluye información imporante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono 972-564-3801.

Definitions

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

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

Level 1 Assessment – A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Maximum Contaminant Level Goal (MCLG) – The contaminant level 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 adding a disinfectant is necessary to control microbial contaminants.

Maximum residual disinfectant level goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected health risk. MRDLGs do not reflect the benefits of disinfectants in controlling microbial contaminants.

NA – Not applicable

NTU - Nephelometric turbidity units (a measure of turbidity)

pCi/L – Picocuries per liter (a measurement 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)

Water Purchased:	669,811,000
Water Sold:	620,555,327
Water Loss:	49,255,673
Loss Percentage:	7.35%
Accounted for Loss:	1,551,388
Unaccounted for Loss:	7.12%

Availability of Monitoring Data for Unregulated Contaminants

Our water system has sampled for a series of unregulated contaminants, which are those for which there is no drinking water standard set by the EPA. The purpose of monitoring for these contaminants is to help the EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that this data is available. If you are interested in examining the results, please contact Mindi Letchworth at 972-564-3801 or <u>mindi@highpointsud.com</u>. This notice is being sent to you by High Point SUD. Texas Water System ID#1290016. Distributed 6/22/2024.

Contaminant	Average Result Measure µg/L	Range of Results µg/L
PFHxS	0.0030	>MRL - 0.0030
PFBA	0.0074	>MRL - 0.0093

NTMWD Leonard Water Treatment Plants Water Quality Data for Year 2023

			Colif	orm Bact	eria			
Maximum Contaminant Level Goal	Contan 1 positive	form Maximum hinant Level monthly sample	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level 0	Pos E. Coli Col Sar	l No. of sitive or Fecal iform nples 0	Violation	Likely Source of Contamination Naturally present in the environment.
NOTE: Reported monthly tests potentially harmful bacteria may		coliform bacteria. Coli	forms are bacteria that are na	aturally preser	nt in the ei	nvironment	and are used a	as an indicator that other,
			Regulate	ed Contar	ninant	S		
Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Total Haloacetic Acids (HAA5)	2023	23	8.3 - 30.4	No goal for the total	60	ppb	NO	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2023	45	22.8 - 61.7	No goal for the total	80	ppb	NO	By-product of drinking water disinfection.
Bromate	2023	Levels lower than detect level	0 - 0	5	10	ppb	No	By-product of drinking water ozonation. o determine where compliance sampling should occur in the
future. As a wholesale water pro	ovider with less system, over 30	than 500 direct custo 00 samples of water i	omers, TCEQ only requires or nitially treated by NTMWD are	e sample anr	ually for [Disinfection	By Products (I	DBPs) compliance testing. In addition to TCEQ required vater systems to comply with TCEQ regulations. For
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Antimony	2023	Levels lower than detect level	0 - 0	6	6	ppb	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; and test addition.
Arsenic	2023	Levels lower than detect level	0 - 0	0	10	ppb	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium	2023	0.044	0.044 - 0.044	2	2	ppm	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Beryllium	2023	Levels lower than detect level	0 - 0	4	4	ppb	No	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries.
Cadmium	2023	Levels lower than detect level	0 - 0	5	5	ppb	No	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints.
Chromium	2023	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from steel and pulp mills; erosion of natural deposits.
Cyanide	2023	28.7	28.7 - 28.7	200	200	ppb	No	Discharge from steel/metal factories; Discharge from plastics and fertilizer factories.
Fluoride	2023	0.19	0.19 - 0.19	4	4	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Mercury	2023	Levels lower than detect level	0 - 0	2	2	ppb	No	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland.
Nitrate (measured as Nitrogen)	2023	0.0555	0.0555 - 0.0555	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.
Selenium	2023	Levels lower than detect level	0 - 0	50	50	ppb	No	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Thallium	2023	Levels lower than detect level	0 - 0	0.5	2	ppb	No	Discharge from electronics, glass, and leaching from ore- processing sites; drug factories.
Nitrate Advisory: Nitrate in drinh baby syndrome. Nitrate levels m care provider.								nking water can cause blue should ask advice from your health
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	2023	4.1	4.1 - 4.1	0	50	pCi/L	No	Decay of natural and man-made deposits.
Gross alpha excluding radon and uranium	2023	Levels lower than detect level	0 - 0	0	15	pCi/L	No	Erosion of natural deposits.
Radium	2023	Levels lower than detect level	0 - 0	0	5	pCi/L	No	Erosion of natural deposits.
Synthetic organic contaminants including pesticides and herbicides	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
2, 4, 5 - TP (Silvex)	2023	Levels lower than detect level	0 - 0	50	50	ppb	No	Residue of banned herbicide.
2, 4 - D	2023	Levels lower than detect level	0 - 0	70	70	ppb	No	Runoff from herbicide used on row crops.
Alachlor	2023	Levels lower than detect level	0 - 0	0	2	ppb	No	Runoff from herbicide used on row crops.
Aldicarb	2023	Levels lower than detect level	0 - 0	1	3	ppb	No	Runoff from agricultural pesticide.

Aldicarb Sulfone	2023	Levels lower than detect level	0 - 0	1	2	ppb	No	Runoff from agricultural pesticide.
Aldicarb Sulfoxide	2023	Levels lower than detect level	0 - 0	1	4	ppb	No	Runoff from agricultural pesticide.
Atrazine	2023	0.2	0.2 - 0.2	3	3	ppb	No	Runoff from herbicide used on row crops.
Benzo (a) pyrene	2023	Levels lower than detect level	0 - 0	0	200	ppt	No	Leaching from linings of water storage tanks and distribution lines.
Carbofuran	2023	Levels lower than detect level	0 - 0	40	40	ppb	No	Leaching of soil fumigant used on rice and alfalfa.
Chlordane	2023	Levels lower than detect level	0 - 0	0	2	ppb	No	Residue of banned termiticide.
Dalapon	2023	Levels lower than detect level	0 - 0	200	200	ppb	No	Runoff from herbicide used on rights of way.
Di (2-ethylhexyl) adipate	2023	Levels lower than detect level	0 - 0	400	400	ppb	No	Discharge from chemical factories.
Di (2-ethylhexyl) phthalate	2023	Levels lower than detect level	0 - 0	0	6	ppb	No	Discharge from rubber and chemical factories.
Dibromochloropropane (DBCP)	2023	Levels lower than detect level	0 - 0	0	200	ppt	No	Runoff / leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards.
Dinoseb	2023	Levels lower than detect level	0 - 0	7	7	ppb	No	Runoff from herbicide used on soybeans and vegetables.
Endrin	2023	Levels lower than detect level	0 - 0	2	2	ppb	No	Residue of banned insecticide.
Ethylene dibromide	2023	Levels lower than	0 - 0	0	50	ppt	No	Discharge from petroleium refineries.
Heptachlor	2023	detect level Levels lower than	0 - 0	0	400	ppt	No	Residue of banned termiticide.
Heptachlor epoxide	2023	detect level Levels lower than	0 - 0	0	200	ppt	No	Breakdown of heptachlor.
Hexachlorobenzene	2023	detect level Levels lower than	0 - 0	0	1	ppb	No	Discharge from metal refineries and agricultural chemical
Hexachlorocyclopentadiene	2023	detect level Levels lower than	0 - 0	50	50	ppb	No	factories. Discharge from chemical factories.
Lindane	2023	detect level Levels lower than	0 - 0	200	200	ppt	No	Runoff / leaching from insecticide used on cattle, lumber,
Methoxychlor	2023	detect level Levels lower than	0 - 0	40	40	ppb	No	and gardens. Runoff / leaching from insecticide used on fruits,
Oxamyl [Vydate]	2023	detect level Levels lower than	0 - 0	200	200	ppb	No	vegetables, alfalfa, and livestock. Runoff / leaching from insecticide used on apples, potatoes,
Pentachlorophenol	2023	detect level Levels lower than	0 - 0	0	1	ppb	No	and tomatoes. Discharge from wood preserving factories.
Picloram	2023	detect level Levels lower than	0 - 0	500	500	ppb	No	Herbicide runoff.
Simazine	2023	detect level Levels lower than	0-0	4	4	ppb	No	Herbicide runoff.
		detect level Levels lower than	0 - 0	4 0	4			Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic	2023 Collection	detect level	0 - 0	0	3	ppb	No	Runon / leaching from insecticide used on cotton and cattle.
Contaminants		Highest Level	Range of Levels					
	Date	Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
1, 1, 1 - Trichloroethane	Date 2023	Detected Levels lower than detect level	-	MCLG 200	MCL 200	Units ppb	Violation No	Likely Source of Contamination Discharge from metal degreasing sites and other factories.
1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane		Detected Levels lower than detect level Levels lower than detect level	Detected					
	2023	Detected Levels lower than detect level Levels lower than	Detected 0 - 0	200	200	ppb	No	Discharge from metal degreasing sites and other factories.
1, 1, 2 - Trichloroethane	2023 2023	Detected Levels lower than detect level Levels lower than detect level Levels lower than	Detected 0 - 0 0 - 0	200 3	200 5	ppb ppb	No No	Discharge from metal degreasing sites and other factories.
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene	2023 2023 2023	Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than	Detected 0 - 0 0 - 0 0 - 0 0 - 0	200 3 7	200 5 7	ppb ppb ppb	No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories.
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene	2023 2023 2023 2023 2023	Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than	Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	200 3 7 70	200 5 7 70	ppb ppb ppb ppb	No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories.
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane	2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level	Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	200 3 7 70 0	200 5 7 70 5	ppb ppb ppb ppb ppb	No No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories.
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane	2023 2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level Levels lower than	Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	200 3 7 70 0	200 5 7 70 5 5	ppb ppb ppb ppb ppb	No No No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene	2023 2023 2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level Levels lower than	Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	200 3 7 70 0 0 0	200 5 7 70 5 5 5 5	ppb ppb ppb ppb ppb	No No No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic	2023 2023 2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level	Detected 0 - 0	200 3 7 70 0 0 0 0	200 5 7 70 5 5 5 5 5	ppb ppb ppb ppb ppb	No No No No No No	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities.
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants	2023 2023 2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level Levels lower than detect level	Detected 0 - 0	200 3 7 70 0 0 0 0 0 0 MCLG	200 5 7 5 5 5 5 5 5 MCL	ppb ppb ppb ppb ppb ppb	No No No No No No Violation	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical
1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene	2023 2023 2023 2023 2023 2023 2023 2023	Detected Levels lower than detect level Levels lower than detect level	Detected 0 - 0	200 3 7 70 0 0 0 0 0 0 0 MCLG 100	200 5 7 5 5 5 5 5 MCL 100	ppb ppb ppb ppb ppb ppb ppb	No No No No No No Violation	Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories.

Tetrachloroethylene	2023	Levels lower than detect level	0 - 0	0	5	ppb	No	Discharge from factories and dry cleaners.
Toluene	2023	Levels lower than detect level	0 - 0	1	1	ppm	No	Discharge from petroleum factories.
Trichloroethylene	2023	Levels lower than detect level	0 - 0	0	5	ppb	No	Discharge from metal degreasing sites and other factories.
Vinyl Chloride	2023	Levels lower than detect level	0 - 0	0	2	ppb	No	Leaching from PVC piping; discharge from plastics factories.
Xylenes	2023	Levels lower than detect level	0 - 0	10	10	ppm	No	Discharge from petroleum factories; discharge from chemical factories.
cis - 1, 2 - Dichloroethylene	2023	Levels lower than detect level	0 - 0	70	70	ppb	No	Discharge from industrial chemical factories.
o - Dichlorobenzene	2023	Levels lower than detect level	0 - 0	600	600	ppb	No	Discharge from industrial chemical factories.
p - Dichlorobenzene	2023	Levels lower than detect level	0 - 0	75	75	ppb	No	Discharge from industrial chemical factories.
trans - 1, 2 - Dicholoroethylene	2023	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from industrial chemical factories.
				Furbidity				

Turbidity

	Limit (Treatment Technique)	Level Detected	Violation	Likely Source of Contamination
Highest single measurement	1 NTU	0.25	No	Soil runoff.
Lowest monthly percentage (%) meeting limit	0.3 NTU	100%	No	Soil runoff.
NOTE: Turbidity is a measurement of the cloudiness of the water ca	used by suspended particles. We monitor	it because it is a goo	d indicator of w	vater quality and the effectiveness
of our filtration.				

Maximum Residual Disinfectant Level Highest Result of Lowest Result Average Level of Single Units **Disinfectant Type** Year **Quarterly Data** of Single Sample Sample MRDL MRDLG Source of Chemical Chlorine Residual 2023 2.45 1.20 3.40 4.00 <4.0 Disinfectant used to control microbes ppm (Chloramines) Chlorine Dioxide 2023 0.02 0 0.58 0.80 0.80 ppm Disinfectant. Chlorite 2023 0.17 0 0.81 1.00 N/A Disinfectant. ppm NOTE: Water providers are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm) for systems disinfecting with chloramines and an annual

average chlorine disinfection residual level of between 0.5 ppm and 4 ppm.

Total Organic Carbon

The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set.

	Cryptosporidium and Giardia									
Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination					
Cryptosporidium	2023	0	0 - 0	(Oo) Cysts/L	Human and animal fecal waste. Naturally present in the environment.					
Giardia	2023	0	0 - 0	(Oo) Cysts/L	Human and animal fecal waste. Naturally present in the environment.					

Lead and Copper

Lead and Copper	Date Sampled	Action Level (AL)	90th Percentile	# Sites Oer AL	Units	Violations	Likely Source of Contamination
Lead	8/4/2022	15	2.03	0	ppb		Corrosion of household plumbing systems; erosion of natural deposits.
Copper	8/4/2022	1.30	0.281	0	ppm		Erosion of natural deposits; leaching from wood preservatives; corrosion of household plumbing systems.

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 plumbing materials containing lead and copper.

ADDITIONAL HEALTH INFORMATION FOR LEAD: 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. High Point SUD is responsible for providing high quality drinking water, but 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.

Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination
Chloroform	2023	35.7	10.2 - 35.7	ppb	By-product of drinking water disinfection.
Bromoform	2023	1.4	1.02 1.4	ppb	By-product of drinking water disinfection.
Bromodichloromethane	2023	18	8.11 - 18	ppb	By-product of drinking water disinfection.
Dibromochloromethane	2023	8.38	4.46 - 8.38	ppb	By-product of drinking water disinfection.

	Secondary and Other Constituents Not Regulated							
Contaminants	Collection Date		hest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination		
Aluminum	2023	Levels low	er than detect level	0 - 0	ppm	Erosion of natural deposits.		
Calcium	2023	51.6		46.8 - 51.6	ppm	Abundant naturally occurring element.		
Chloride	2023		14.4	10.3 - 14.4	ppm	Abundant naturally occurring element; used in water purification; by-product of oil field activity.		
Iron	2023	Levels low	er than detect level	0 - 0	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.		
Magnesium	2023		2.58	2.58 - 2.58	ppm	Abundant naturally occurring element.		
Manganese	2023		0.107	0.024 - 0.107	ppm	Abundant naturally occurring element.		
Nickel	2023	0.0039		0.0039 - 0.0039	ppm	Erosion of natural deposits.		
рН	2023	8.6		7.6 - 8.6	units	Measure of corrosivity of water.		
Silver	2023	Levels low	er than detect level	0 - 0	ppm	Erosion of natural deposits.		
Sodium	2023		34.9	24.2 - 34.9	ppm	Erosion of natural deposits; by-product of oil field activity.		
Sulfate	2023		81.1	60.4 - 81.1	ppm	Naturally occurring; common industrial by-product; by- product of oil field activity.		
Total Alkalinity as CaCO3	2023		137	111 - 137	ppm	Naturally occurring soluble mineral salts.		
Total Dissolved Solids	2023		263	223 - 263	ppm	Total dissolved mineral constituents in water.		
Total Hardness as CaCO3	2023		138	104 - 138	ppm	Naturally occurring calcium.		
Zinc	2023	Levels low	er than detect level	0 - 0	ppm	Moderately abundant naturally occurring element used in the metal industry.		
			Viol	ations Table				
Violation Type	Violation Begin	Violation End	olation End Violation Explanation					

NTMWD Tawakoni Water Treatment Plants Water Quality Data for Year 2023

			Coli	iform Bact	eria			
Maximum Contaminant Level Goal	Contar	form Maximum ninant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Pos E. Coli Coli	No. of sitive or Fecal iform nples	Violation	Likely Source of Contamination
0 NOTE: Reported monthly tests		monthly sample I coliform bacteria. Co	0 Iliforms are bacteria that are r	0 naturally present	in the env	0 vironment a	NO nd are used as	Naturally present in the environment. an indicator that other,
potentially harmful bacteria ma	y be present.							
	Collection	Hignest Level	Regulat Range of Levels	ted Contar	ninants	S		
Disinfection By-Products	Date	Detected	Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Total Haloacetic Acids (HAA5)	2023	23	8.3 - 30.4	No goal for the total	60	ppb	NO	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2023	45	22.8 - 61.7	No goal for the total	80	ppb	NO	By-product of drinking water disinfection.
Bromate	2023	Levels lower than detect level	0 - 0	5	10	ppb	No	By-product of drinking water ozonation.
NOTE: Not all sample results sampling should occur in the fu								
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Antimony	2023	Levels lower than detect level	0 - 0	6	6	ppb	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; and test addition.
Arsenic	2023	Levels lower than detect level	0 - 0	0	10	ppb	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium	2023	0.063	0.063 - 0.063	2	2	ppm	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Beryllium	2023	Levels lower than detect level	0 - 0	4	4	ppb	No	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries.
Cadmium	2023	Levels lower than detect level	0 - 0	5	5	ppb	No	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints.
Chromium	2023	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from steel and pulp mills; erosion of natural deposits.
Cyanide	2023	Levels lower than detect level	0 - 0	200	200	ppb	No	Discharge from steel/metal factories; Discharge from plastics and fertilizer factories.
Fluoride	2023	0.664	0.664 - 0.664	4	4	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Mercury	2023	Levels lower than detect level	0 - 0	2	2	ppb	No	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland.
Nitrate (measured as Nitrogen)	2023	0.379	0.379 - 0.379	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.
Selenium	2023	Levels lower than detect level	0 - 0	50	50	ppb	No	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Thallium	2023	Levels lower than detect level	0 - 0	0.5	2	ppb	No	Discharge from electronics, glass, and leaching from ore- processing sites; drug factories.
	nking water at le may rise quickly	evels above 10 ppm is v for short periods of t	a health risk for infants of les ime because of rainfall or agri	s than six mont cultural activity.	hs of age. If you are	High nitrate caring for a	e levels in drink an infant you sh	ing water can cause blue ould ask advice from your health
care provider. Radioactive	Collection	Highest Level	Range of Levels					
Contaminants	Date 2021	Detected	Detected	MCLG 0	MCL 50	Units	Violation	Likely Source of Contamination
Beta/photon emitters Gross alpha excluding	2021	4.8 Levels lower than	4.8 - 4.8 0 - 0	0	15	pCi/L pCi/L	No No	Decay of natural and man-made deposits. Erosion of natural deposits.
radon and uranium Radium	2021	detect level Levels lower than		0	5	pCi/L		Erosion of natural deposits.
Synthetic organic contaminants including pesticides and herbicides	Collection	detect level Highest Level Detected	0 - 0 Range of Levels Detected	MCLG	MCL	Units	No Violation	Likely Source of Contamination
2, 4, 5 - TP (Silvex)	2021	Levels lower than	0 - 0	50	50	ppb	No	Residue of banned herbicide.
2, 4 - D	2021	detect level Levels lower than detect level	0 - 0	70	70	ppb	No	Runoff from herbicide used on row crops.
Alachlor	2021	Levels lower than detect level	0 - 0	0	2	ppb	No	Runoff from herbicide used on row crops.
Aldicarb	2021	Levels lower than detect level	0 - 0	1	3	ppb	No	Runoff from agricultural pesticide.
Aldicarb Sulfone	2021	Levels lower than detect level	0 - 0	1	2	ppb	No	Runoff from agricultural pesticide.
Aldicarb Sulfoxide	2021	Levels lower than detect level	0 - 0	1	4	ppb	No	Runoff from agricultural pesticide.
Atrazine	2021	0.1	0.1 - 0.1	3	3	ppb	No	Runoff from herbicide used on row crops.
Benzo (a) pyrene	2021	Levels lower than detect level	0 - 0	0	200	ppt	No	Leaching from linings of water storage tanks and distribution lines.
Carbofuran	2021	Levels lower than detect level	0 - 0	40	40	ppb	No	Leaching of soil fumigant used on rice and alfalfa.

Chlordane Dalapon								
Dalapon	2021	Levels lower than detect level	0 - 0	0	2	ppb	No	Residue of banned termiticide.
,	2021	Levels lower than detect level	0 - 0	200	200	ppb	No	Runoff from herbicide used on rights of way.
Di (2-ethylhexyl) adipate	2021	Levels lower than detect level	0 - 0	400	400	ppb	No	Discharge from chemical factories.
Di (2-ethylhexyl) phthalate	2021	Levels lower than detect level	0 - 0	0	6	ppb	No	Discharge from rubber and chemical factories.
Dibromochloropropane (DBCP)	2021	Levels lower than detect level	0 - 0	0	200	ppt	No	Runoff / leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards.
Dinoseb	2021	Levels lower than detect level	0 - 0	7	7	ppb	No	Runoff from herbicide used on soybeans and vegetables.
Endrin	2021	Levels lower than detect level	0 - 0	2	2	ppb	No	Residue of banned insecticide.
Ethylene dibromide	2021	Levels lower than detect level	0 - 0	0	50	ppt	No	Discharge from petroleium refineries.
Heptachlor	2021	Levels lower than detect level	0 - 0	0	400	ppt	No	Residue of banned termiticide.
Heptachlor epoxide	2021	Levels lower than detect level	0 - 0	0	200	ppt	No	Breakdown of heptachlor.
Hexachlorobenzene	2021	Levels lower than detect level	0 - 0	0	1	ppb	No	Discharge from metal refineries and agricultural chemical factories.
Hexachlorocyclopentadien e	2021	Levels lower than detect level	0 - 0	50	50	ppb	No	Discharge from chemical factories.
Lindane	2021	Levels lower than detect level	0 - 0	200	200	ppt	No	Runoff / leaching from insecticide used on cattle, lumber, and gardens.
Methoxychlor	2021	Levels lower than detect level	0 - 0	40	40	ppb	No	Runoff / leaching from insecticide used on fruits, vegetables, alfalfa, and livestock.
Oxamyl [Vydate]	2021	Levels lower than detect level	0 - 0	200	200	ppb	No	Runoff / leaching from insecticide used on apples, potatoes, and tomatoes.
Pentachlorophenol	2021	Levels lower than detect level	0 - 0	0	1	ppb	No	Discharge from wood preserving factories.
Picloram	2021	Levels lower than detect level	0 - 0	500	500	ppb	No	Herbicide runoff.
Simazine	2021	Levels lower than detect level	0 - 0	4	4	ppb	No	Herbicide runoff.
Toxaphene	2021	Levels lower than detect level	0 - 0	0	3	ppb	No	Runoff / leaching from insecticide used on cotton and cattle.
Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
1, 1, 1 - Trichloroethane	2023	Levels lower than detect level	0 - 0	200	200	ppb	No	Discharge from metal degreasing sites and other factories.
1, 1, 2 - Trichloroethane	2023	Levels lower than detect level	0 - 0	3	5	ppb	No	Discharge from industrial chemical factories.
1, 1 - Dichloroethylene	2023	Levels lower than detect level	0 - 0	7	7	ppb	No	Discharge from industrial chemical factories.
1, 2, 4 - Trichlorobenzene	2023	Levels lower than detect level	0 - 0	70		ppb		
			0-0	70	70	666	No	Discharge from textile-finishing factories.
1, 2 - Dichloroethane	2023	Levels lower than	0 - 0	0	70 5	ppb	No	Discharge from textile-finishing factories. Discharge from industrial chemical factories.
1, 2 - Dichloroethane	2023 2023	Levels lower than detect level Levels lower than						
,		Levels lower than detect level Levels lower than detect level Levels lower than	0 - 0	0	5	ppb	No	Discharge from industrial chemical factories.
1, 2 - Dichloropropane	2023	Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than	0 - 0 0 - 0	0	5	ppb ppb	No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic	2023 2023 2023 Collection	Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level Highest Level	0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels	0 0 0 0 0	5 5 5 5	ppb ppb ppb ppb	No No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities.
1, 2 - Dichloropropane Benzene Carbon Tetrachloride	2023 2023 2023	Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level Highest Level Detected Levels lower than	0 - 0 0 - 0 0 - 0 0 - 0	0 0 0	5 5 5	ppb ppb ppb ppb Units	No No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants	2023 2023 2023 Collection Date	Levels lower than detect level Levels lower than	0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels Detected	0 0 0 0 MCLG	5 5 5 5 MCL	ppb ppb ppb ppb	No No No Violation	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene	2023 2023 2023 Collection Date 2023	Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0	0 0 0 0 MCLG 100	5 5 5 5 MCL 100	ppb ppb ppb ppb Units ppb	No No No Violation No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories.
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane	2023 2023 2023 Collection Date 2023 2023	Levels lower than detect level Levels lower than detect level Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0	0 0 0 0 MCLG 100	5 5 5 MCL 100 5	ppb ppb ppb ppb Units ppb	No No No Violation No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene	2023 2023 2023 Collection Date 2023 2023 2023	Levels lower than detect level Levels lower than detect level Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0	0 0 0 0 0 MCLG 100 0	5 5 5 MCL 100 5 700	ppb ppb ppb ppb Units ppb ppb	No No No Violation No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries.
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene	2023 2023 2023 Collection Date 2023 2023 2023 2023	Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	0 0 0 0 0 0 100 0 100	5 5 5 MCL 100 5 700 100	ppb ppb ppb Units ppb ppb ppb	No No No Violation No No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from landfills.
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene Tetrachloroethylene	2023 2023 2023 Collection Date 2023 2023 2023 2023 2023	Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	0 0 0 0 0 0 100 0 100 0	5 5 5 MCL 100 5 700 100 5	ppb ppb ppb Units ppb ppb ppb	No No No Violation No No No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from landfills. Discharge from factories and dry cleaners.
1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene Tetrachloroethylene Toluene	2023 2023 2023 Collection Date 2023 2023 2023 2023 2023 2023	Levels lower than detect level Levels lower than detect level	0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	0 0 0 0 0 0 100 0 100 0 100	5 5 5 MCL 100 5 700 100 5 1	ppb ppb ppb Units ppb ppb ppb	No No No Violation No No No No No	Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from petroleum refineries. Discharge from nubber and plastic factories; leaching from landfills. Discharge from factories and dry cleaners. Discharge from petroleum factories. Discharge from petroleum factories. Likely Source of Contamination Discharge from nubber and plastic factories; leaching from landfills. Discharge from petroleum factories. Discharge from petroleum factories. Discharge from petroleum factories. Discharge from petroleum factories.
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Image: Net of the second sec		2023	Levels lower than	0 - 0	75	75	ppb	No	Discharge from industrial chemical factories.
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Offer Weight provides are regarded to markete a menual wome demonstrate of 4.8 person reliable (part) for systems disinfecting with chroannes and an avail wome available word for any stander word and available word for any stander word and available word for any stander word available word word available word for any stander word available word word available word word word available word word word word word word word word	Chlorine Dioxide							ppm	
Level protection Total Organic Carbon Color Data Majorat Level Data Status Links Links/ Source of Contamination The parcentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set. Contaminants Colection Data Status Links Links/ Source of Contamination Contaminants Colection Nage of Levels Data Status Links/ Source of Contamination Contaminants Colection Highest Level Range of Levels Units Human and antimal Real backs Mail and parcents Contaminants Colection Highest Level 0 - 0 (Co) Cystel. Human and antimal Real backs Mail and parcents Gardia 2023 Levels (Auto Tan data Elsevel Auto Auto Mail and Status Protein In the Internet Auto Mail Auto Auto Auto Mail A									
Objection Highest Level Detected Detected Units Likely Source of Contamination The percentage of Total Organic Carbon (TGC) removel was measured each month and the systum mut all TGC removel requirements set. Cryptosporidium and Giardia					i 0.5 parts per r	ninion (ppi	II) IOI Syster	ins disiniecting	
Units Description Description Units Likely Source of Contamination the persentage of Tail Organic Carbon (TICC) removal was measured each normal and TOC removal requirements est. Contaminants Collection Highest Level Range of Levels Units Likely Source of Contamination Contaminants Collection Highest Level Range of Levels Units Likely Source of Contamination Gradinalization 2023 Levels lower than detect level 0 - 0 (Oo) Cyelst. Highest Level Gradinalization 2023 Levels lower than detect level 0 - 0 (Oo) Cyelst. Highest Level OTE: Station of Copper Station of Copper Station of Copper Station of Copper Level source than of Copper levels 9 NO Contramination Level And Copper Level And Copper Station of Contamination Copper Station of Copper Highest Level 0.23 0.24 0 pm NO Contramination Copper Like And Copper Highest Level 0.29 0.20 pm NO Contramination Contraminatis dopoda levelike and dopose levelike and dopose levels and dop				Total	Organic C	arbon			
The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal inquirements set. Cryptosporidium and Glardía Contaminants Collection Highest Level Range of Levels Units Likely Source of Contamination Gradial 2023 Levels lower than detect level 0 - 0 (Co) CystsL. Human and and and and and and a source water. GTE: Orly source water was evaluated for cryptosporfium and gladia. Level shown are not for drifting water. Level forwas not for drifting water. Lead and Copper Sampled Level (A) 90th Percentile 9 Sites Over AL Units Violation Itemates metal real wates. Naturally present in the evaluation of the drifting water. Copper 84/2022 1.3 0.281 0 ppl NO Contasto of housevoid pluribing pluribing optimizing source water water water. No Reserver drifting form worder and and a specific for program to comma and young children. Lead and copper Name of pluribing pluribing pluribing pluribing pluribing optimizing pluribing pl		Collection	Hig	hest Level	Range of L	evels			
Cryptosportidium and Glardia Contaminants Collection Date Highest Level Detected Range of Levels Detected Lints Human and simul fical wates. Naturally present in the environmet. Gardia 2023 Levels lower than detect level 0 - 0 (Oo) Cystal. Human and aimal fical wates. Naturally present in the environmet. Gardia 2023 Levels lower than detect level 0 - 0 (Oo) Cystal. Human and aimal fical wates. Naturally present in the environmet. IOTE: Orl: vature water water valued for explosoridium and gards. Levels show ne col for driving water. Load and Coppor Liak d Source of Contamination environmet. Lead and Copper Sample Level (AL) 90th Percentile # Sites Over AL Units Violation Liak Source of Contamination environmet. Copper Sample Level (AL) 90th Percentile # Sites Over AL Units Violation Liak Source of Contamination environmet. Copper Sample different contamination and copper different contamination contamination theorem contamination and copper three independent evolution and provide back on and copper different contamination and copper different contamination contamination and copper different contamination and copper different contamination contamination badin different contamination dindicate contamination and		Date	D	etected	Detect	ed	l	Jnits	Likely Source of Contamination
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ead and Copper enter drinking water mainly from corrosion of plumbing materials containing lead and copper. DiDTIONAL HEATTH INFORKATION FOR ELEA. If present, elevated levels of lead can cause serious heath problems, especially for pregnant women and young children. Lead drinking water is primarily form materials and components associated with service lines and home plumbes, High Peter SUD is respecially for pregnant women and young children. Lead drinking water is plumarily form materials used in plumbing components. When your water has been stilling for several hours, you can minimize the polential for lead exposure by useling 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. formation on lead in drinking water, lesting methods, and steps you can take to minimize exposure is a valable Contaminants Date Da	Copper	8/4/2022	1.3	0.281	0		ppm	NO	
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Dibromochloromethane 2023 8.38 4.46 - 8.38 ppb By-product of drinking water disinfection. VOTE: Bromoform, chloroform, bromodichloromethane, and dibromochloromethane are disinfection by-products. There is no maximum contaminant level for these chemicals at he entry point to distribution. These contaminants are included in the Disinfection By-Products. THM compliance data. Secondary and Other Constituents Not Regulated Mage Collection Highest Level Detected Range of Levels Detected Units Likely Source of Contamination Aluminum 2023 0.025 0.025 - 0.025 ppm Erosion of natural deposits. Calcium 2023 45.2 33.8 - 45.2 ppm Abundant naturally occurring element. Iron 2023 21.9 14.7 - 21.9 ppm Abundant naturally occurring element. Iron 2023 2.89 2.89 - 2.89 ppm Abundant naturally occurring element. Magnesium 2023 0.0041 0.0041 - 0.0041 ppm Abundant naturally occurring element. Magnesium 2023 0.0031 0.0031 - 0.0031 ppm Abundant naturally occurring element. Nickel 2	Contaminants	ds to 2 minutes I g water, testing m tter/lead. Collection Date	mponents associated wit d in plumbing compone before using water for nethods, and steps you Higl	h service lines and home plumb ents. When your water has b drinking or cooking. If you are u can take to minimize expose Unregula hest Level etected	e serious health ing. High Point S een sitting for se e concerned abd ure is available ated Conta Range of I Detect	UD is resp everal hou but lead in from the s uminan Levels ed	onsible for pr rs, you can your water, Safe Drinkir ts	oviding high qua minimize the po you may wish ig Water Hotling Jnits	lity drinking water, tential for lead exposure by to have your water tested. e or Likely Source of Contamination
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Sodium	2023	20.6	16.2 - 20.6	ppm	Erosion of natural deposits; by-product of oil field activity.
Sulfate	2023	75.0	47.5 - 75.0	ppm	Naturally occurring; common industrial by-product; by- product of oil field activity.
Total Alkalinity as CaCO3	2023	79	40 - 79	ppm	Naturally occurring soluble mineral salts.
Total Dissolved Solids	2023	212	136 - 212	ppm	Total dissolved mineral constituents in water.
Total Hardness as CaCO3	2023	128	79 - 128	ppm	Naturally occurring calcium.
Zinc	2023	Levels lower than detect level	0 - 0	ppm	Moderately abundant naturally occurring element used in the metal industry.

Violations Table

	Violation		
Violation Type	Begin	Violation End	Violation Explanation
none	N/A	N/A	N/A

NTMWD Wylie Water Treatment Plants Water Quality Data for Year 2023

			Col	iform Bact	eria				
Maximum Contaminant Level Goal	Contan	form Maximum hinant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Pos E. Coli Col	NO. OF sitive or Fecal iform nples	Violation	Likely Source of Contamination	
0 NOTE: Reported monthly tests		monthly sample	0 Diforms are bacteria that are n	0 aturally present i	in the env	0 ironment ar	NO and are used as	Naturally present in the environment. an indicator that other	
potentially harmful bacteria ma		oomonn paolonai oo		atarany processi					
	Regulated Contaminants								
Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Total Haloacetic Acids (HAA5)	2023	23	83 30.4	No goal for the total	60	ppb	NO	By-product of drinking water disinfection.	
Total Trihalomethanes (TTHM)	2023	45	22.8 - 61.7	No goal for the total	80	ppb	NO	By-product of drinking water disinfection.	
Bromate	2023	Levels lower than detect level	0 - 0	5	10	ppb	No	By-product of drinking water ozonation.	
NOTE: Not all sample results sampling should occur in the f									
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Antimony	2023	Levels lower than detect level	0 - 0	6	6	ppb	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; and test addition.	
Arsenic	2023	Levels lower than detect level	0 - 0	0	10	ppb	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.	
Barium	2023	0.048	0.041 - 0.048	2	2	ppm	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.	
Beryllium	2023	Levels lower than detect level	0 - 0	4	4	ppb	No	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries.	
Cadmium	2023	Levels lower than detect level	0 - 0	5	5	ppb	No	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints.	
Chromium	2023	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from steel and pulp mills; erosion of natural deposits.	
Cyanide	2023	199	28 - 199	0 - 0	200	ppb	No	Discharge from steel/metal factories; Discharge from plastics and fertilizer factories.	
Fluoride	2023	0.968	0.537 - 0.968	4	4	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.	
Mercury	2023	Levels lower than detect level	0 - 0	2	2	ppb	No	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland.	
Nitrate (measured as Nitrogen)	2023	0.790	0.067 - 0.790	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.	
Selenium	2023	Levels lower than detect level	0 - 0	50	50	ppb	No	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.	
Thallium	2023	Levels lower than detect level	0 - 0	0.5	2	ppb	No	Discharge from electronics, glass, and leaching from ore- processing sites; drug factories.	
								levels in drinking water can cause blue baby syndrome. d ask advice from your health care provider.	
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Beta/photon emitters	2022	4.7	4.7 - 4.7	0	50	pCi/L	No	Decay of natural and man-made deposits.	
Gross alpha excluding radon and uranium	2022	Levels lower than detect level	0 - 0	0	15	pCi/L	No	Erosion of natural deposits.	
Radium	2022	Levels lower than detect level	0 - 0	0	5	pCi/L	No	Erosion of natural deposits.	
Synthetic organic contaminants including pesticides and herbicides	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
2, 4, 5 - TP (Silvex)	2022	Levels lower than detect level	0 - 0	50	50	ppb	No	Residue of banned herbicide.	
2, 4 - D	2022	Levels lower than detect level	0 - 0	70	70	ppb	No	Runoff from herbicide used on row crops.	
Alachlor	2023	Levels lower than detect level	0 - 0	0	2	ppb	No	Runoff from herbicide used on row crops.	
Aldicarb	2022	Levels lower than detect level	0 - 0	1	3	ppb	No	Runoff from agricultural pesticide.	
Aldicarb Sulfone	2022	Levels lower than detect level	0 - 0	1	2	ppb	No	Runoff from agricultural pesticide.	
Aldicarb Sulfoxide	2022	Levels lower than detect level	0 - 0	1	4	ppb	No	Runoff from agricultural pesticide.	
Atrazine	2023	0.2	0.1 - 0.2	3	3	ppb	No	Runoff from herbicide used on row crops.	
Benzo (a) pyrene	2023	Levels lower than detect level	0 - 0	0	200	ppt	No	Leaching from linings of water storage tanks and distribution lines.	

Carbofuran								
, I	2022	Levels lower than detect level	0 - 0	40	40	ppb	No	Leaching of soil fumigant used on rice and alfalfa.
Chlordane	2022	Levels lower than detect level	0 - 0	0	2	ppb	No	Residue of banned termiticide.
Dalapon	2022	Levels lower than detect level	0 - 0	200	200	ppb	No	Runoff from herbicide used on rights of way.
Di (2-ethylhexyl) adipate	2023	Levels lower than detect level	0 - 0	400	400	ppb	No	Discharge from chemical factories.
Di (2-ethylhexyl) phthalate	2023	Levels lower than detect level	0 - 0	0	6	ppb	No	Discharge from rubber and chemical factories.
Dibromochloropropane (DBCP)	2022	Levels lower than detect level	0 - 0	0	200	ppt	No	Runoff / leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards.
Dinoseb	2022	Levels lower than detect level	0 - 0	7	7	ppb	No	Runoff from herbicide used on soybeans and vegetables.
Endrin	2023	Levels lower than detect level	0 - 0	2	2	ppb	No	Residue of banned insecticide.
Ethylene dibromide	2022	Levels lower than detect level	0 - 0	0	50	ppt	No	Discharge from petroleium refineries.
Heptachlor	2023	Levels lower than detect level	0 - 0	0	400	ppt	No	Residue of banned termiticide.
Heptachlor epoxide	2023	Levels lower than detect level	0 - 0	0	200	ppt	No	Breakdown of heptachlor.
Hexachlorobenzene	2023	Levels lower than detect level	0 - 0	0	1	ppb	No	Discharge from metal refineries and agricultural chemical factories.
Hexachlorocyclopentadien e	2022	Levels lower than detect level	0 - 0	50	50	ppb	No	Discharge from chemical factories.
Lindane	2023	Levels lower than detect level	0 - 0	200	200	ppt	No	Runoff / leaching from insecticide used on cattle, lumber, and gardens.
Methoxychlor	2023	Levels lower than detect level	0 - 0	40	40	ppb	No	Runoff / leaching from insecticide used on fruits, vegetables, alfalfa. and livestock.
Oxamyl [Vydate]	2022	Levels lower than	0 - 0	200	200	ppb	No	Runoff / leaching from insecticide used on apples, potatoes, and tomatoes.
Pentachlorophenol	2022	detect level Levels lower than	0 - 0	0	1	ppb	No	Discharge from wood preserving factories.
Picloram	2022	detect level Levels lower than	0 - 0	500	500	ppb	No	Herbicide runoff.
a	2023	0.12	0.06 - 0.12	4	4	ppb	No	Herbicide runoff.
Simazine	2023	0.12						
Simazine Toxaphene	2023	Levels lower than	0 - 0	0	3	ppb	No	Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic	2023 Collection	Levels lower than detect level Highest Level	0 - 0 Range of Levels	0	3	ppb		Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic Contaminants	2023 Collection Date	Levels lower than detect level Highest Level Detected	0 - 0 Range of Levels Detected	0 MCLG	3 MCL		No Violation	Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic	2023 Collection	Levels lower than detect level Highest Level Detected Levels lower than detect level	0 - 0 Range of Levels	0	3	ppb		Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic Contaminants	2023 Collection Date	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected	0 MCLG	3 MCL	ppb Units	Violation	Runoff / leaching from insecticide used on cotton and cattle.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane	2023 Collection Date 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0	0 MCLG 200	3 MCL 200	ppb Units ppb	Violation No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane	2023 Collection Date 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0	0 MCLG 200 3	3 MCL 200 5	ppb Units ppb ppb	Violation No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene	2023 Collection Date 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0	0 MCLG 200 3 7	3 MCL 200 5 7	ppb Units ppb ppb	Violation No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene	2023 Collection Date 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	0 MCLG 200 3 7 70	3 MCL 200 5 7 70	ppb Units ppb ppb ppb ppb	Violation No No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 1 - Dichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane	2023 Collection Date 2023 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0 0 - 0	0 MCLG 200 3 7 70 0	3 MCL 2000 5 7 70 5	ppb Units ppb ppb ppb ppb	Violation No No No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 202	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0	0 MCLG 200 3 7 70 0 0	3 MCL 200 5 7 70 5 5 5	ppb Units ppb ppb ppb ppb	Violation No No No No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0	0 MCLG 200 3 7 70 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5	ppb Units ppb ppb ppb ppb ppb	Violation No No No No No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 202	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 -	0 MCLG 200 3 7 70 0 0 0 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5 5 5	ppb Units ppb ppb ppb ppb ppb ppb	Violation No No No No No No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 202	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 -	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5 5 5 5 5 MCL	ppb Units ppb ppb ppb ppb ppb ppb Units	Violation No No No No No No Violation	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from textile-finishing factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2 - Trichloroethylene 1, 2 - Dichloroethane 1, 2 - Dichloropenpane Benzene Carbon Tetrachloride Volatile Organic Contaminants	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023 Collection Date 2023	Levels lower than detect level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0 Range of Levels Detected 0 - 0	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5 5 5 5 5 5 5 100	ppb Units ppb ppb ppb ppb ppb ppb ppb	Violation No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2 - Trichlorobenzene 1, 2 - Dichloropenzene 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0 - 0 Range of Levels Detected 0 - 0 0 - 0 Range of Levels Detected 0 - 0 0 - 0	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ppb ppb ppb ppb ppb ppb ppb ppb ppb	Violation No No No No No No Violation No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from pharmaceutical and chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethane 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023	Levels lower than detect level Detected Levels lower than detect level Levels lower than detect level	0-0 Range of Levels Detected 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 7 70 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ppb ppb ppb ppb ppb ppb ppb ppb units ppb	Violation No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0-0 Range of Levels Detected 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 70 5 5 5 5 5 5 5 5 5 5 700 100	ppb Units ppb ppb ppb ppb ppb ppb ppb Units ppb	Violation No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from landfills.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloroethane 1, 2 - Dichloropropane Benzene Benzene Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene Tetrachloroethylene	2023 Collection Date 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0-0 Range of Levels Detected 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 70 5 5 5 5 5 5 5 5 5 5 700 100 5 5	ppb units ppb ppb	Violation No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from landfills. Discharge from factories and dry cleaners.
Toxaphene Volatile Organic Contaminants 1, 1, 1 - Trichloroethane 1, 1, 2 - Trichloroethylene 1, 2, 4 - Trichlorobenzene 1, 2 - Dichloropenpane 1, 2 - Dichloropropane Carbon Tetrachloride Volatile Organic Contaminants Chlorobenzene Dichloromethane Ethylbenzene Styrene Tetrachloroethylene Toluene	2023 Collection Date 2023	Levels lower than detect level Highest Level Detected Levels lower than detect level Levels lower than detect level	0-0 Range of Levels Detected 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-	0 MCLG 200 3 7 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 MCL 200 5 7 7 7 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ppb ppb ppb ppb ppb ppb ppb ppb ppb ppb	Violation No No	Runoff / leaching from insecticide used on cotton and cattle. Likely Source of Contamination Discharge from metal degreasing sites and other factories. Discharge from industrial chemical factories. Discharge from factories; leaching from gas storage tanks and landfills. Discharge from chemical plants and other industrial activities. Likely Source of Contamination Discharge from chemical and agricultural chemical factories. Discharge from pharmaceutical and chemical factories. Discharge from petroleum refineries. Discharge from rubber and plastic factories; leaching from landfills. Discharge from factories and dry cleaners. Discharge from petroleum factories.

cis - 1, 2 - Dichloroethylene	2023	Levels lower than detect level	0 - 0	70	70	ppb	No	Discharge from industrial chemical factories.
o - Dichlorobenzene	2023	Levels lower than detect level	0 - 0	600	600	ppb	No	Discharge from industrial chemical factories.
p - Dichlorobenzene	2023	Levels lower than detect level	0 - 0	75	75	ppb	No	Discharge from industrial chemical factories.
trans - 1, 2 - Dicholoroethylene	2023	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from industrial chemical factories.

Turbidity								
	Limit (Treatment Technique)	Level Detected	Violation	Likely Source of Contamination				
Highest single measurement	1 NTU	0.73	No	Soil runoff.				
Lowest monthly percentage (%) meeting limit	0.3 NTU	98.0%	No	Soil runoff.				
NOTE: Turbidity is a measurement of the cloudiness of the water	caused by suspended particles. We monitor it	because it is a good i	ndicator of wat	ter quality and the effectiveness				

Maximum Residual Disinfectant Level

Disinfectant Type Year	of Quarterly Data	Lowest Result of Single Sample	Single Sample	MRDL	MRDLG	Units	Source of Chemical
Chlorine Residual (Chloramines) 2023	2.45	1.20	3.40	4.00	<4.0	ppm	Disinfectant used to control microbes.
Chlorine Dioxide 2023	0.01	0	0.59	0.80	0.80	ppm	Disinfectant.
Chlorite 2023	0.16	0	0.88	1.00	N/A	ppm	Disinfectant.

average chlorine disinfection residual level of between 0.5 ppm and 4 ppm.

Total Organic Carbon

The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set.

	Cryptosporidium and Glardia									
Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination					
Cryptosporidium	2023	0	0 - 0	(Oo) Cysts/L	Human and animal fecal waste. Naturally present in the environment.					
Giardia	2023	0.18	0.09 - 0.18	(Oo) Cysts/L	Human and animal fecal waste. Naturally present in the environment.					

NOTE: Levels detected are for source water, not for drinking water. No cryptosporidium or giardia were found in drinking water.

	Lead and Copper							
Lead and Copper	Date Sampled	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination	
Lead	8/4/2022	15	2.03	0	ppb		Corrosion of household plumbing systems; erosion of natural deposits.	
Copper	8/4/2022	1.30	0.281	0	ppm	NO	Erosion of natural deposits; leaching from wood preservatives; corrosion of household plumbing systems.	

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 plumbing materials containing lead and copper.

ADDITIONAL HEALTH INFORMATION FOR LEAD: 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. High Point SUD is responsible for providing high quality drinking water, but 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.

Unregulated Contaminants								
Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination			
Chloroform	2023	35.7	10.2 - 35.7	ppb	By-product of drinking water disinfection.			
Bromoform	2023	1.4	1.02 - 1.4	ppb	By-product of drinking water disinfection.			
Bromodichloromethane	2023	18	8.11 - 18	ppb	By-product of drinking water disinfection.			
Dibromochloromethane 2023 8.38 4.46 - 8.38 ppb By-product of drinking water disinfection.								
NOTE: Bromoform, chloroform, bromodichloromethane, and dibromochloromethane are disinfection by-products. There is no maximum contaminant level for these chemicals at								
the entry point to distribution.	These contamina	ants are included in the Disinfection By-Products T	THM compliance data.					

Secondary and Other Constituents Not Regulated

Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	Units	Likely Source of Contamination	
Aluminum	2023	Levels lower than detect level	0 - 0	ppm	Erosion of natural deposits.	
Calcium	2023	69.8	26.5 - 69.8	ppm	Abundant naturally occurring element.	
Chloride	2023	107	30 - 107		Abundant naturally occurring element; used in water purification; by-product of oil field activity.	
Iron	2023	0.516	0.061 - 0.516		Erosion of natural deposits; iron or steel water delivery equipment or facilities.	
Magnesium	2023	9.77	4.90 - 9.77	ppm	Abundant naturally occurring element.	
Manganese	2023	0.158	0.0068 - 0.158	ppm	Abundant naturally occurring element.	

Nickel	2023	0.0048	0.0047 - 0.0048	ppm	Erosion of natural deposits.	
рН	2023	9.17	6.39 - 9.17	units	Measure of corrosivity of water.	
Silver	2023	Levels lower than detect level	0 - 0	ppm	Erosion of natural deposits.	
Sodium	2023	95.4	26.5 - 95.4	ppm	Erosion of natural deposits; by-product of oil field activity.	
Sulfate	2023	171	76.8 - 171	ppm	Naturally occurring; common industrial by-product; by- product of oil field activity.	
Total Alkalinity as CaCO3	2023	139	51 - 139	ppm	Naturally occurring soluble mineral salts.	
Total Dissolved Solids	2023	492	263 - 492	ppm	Total dissolved mineral constituents in water.	
Total Hardness as CaCO3	2023	312	82 - 312	ppm	Naturally occurring calcium.	
Zinc	2023	Levels lower than detect level	0 - 0	ppm	Moderately abundant naturally occurring element used in the metal industry.	
Violations Table						

Violation Type	Violation Begin	Violation End	Violation Explanation
NITRATE MONITORING, ROUTINE MAJOR	Jan-23	Mar-23	The North Texas MWD Wylie WTP water system PWS ID TX0430044 has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Chapter 30, Section 290< Subchapter F. Public water systems are required to collect and submit chemical samples to the TCEQ on a regular basis. We failed to monitor and/or report the following constituents: Nitrate This/These violation(s) occurred in the monitoring period(s): First Quarter 01/01/2023 - 3/31/2023 Results of regular monitoring are an indicator of whether or not your drinking water is safe from chemical contamination. We did not complete all monitoring and/or reporting for chemical constituents, and therefore TCEQ cannot be sure of the safety of your drinking water during that time. We are taking the following actions to address the issue: The sample was taken during the required sampling period and results are within compliance criteria. The violation was due to a delay in receiving lab results from a third-party lab. Once the results were released to TCEQ the violation was resolved. Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail. If you have questions concerning this matter you may contact NTMWD Water System Manger - Treatment Mr. Gabriel Bowden at (972) 608- 7009 Posted/Delivered on: 3-28-2024