

# 2024 Annual Drinking Water Quality Report (Consumer Confidence Report)

January 1 through December 31, 2024

Wylie Northeast Special Utility District (972) 442-2075 website: www.wylienortheastwater.com

# **SPECIAL NOTICE**

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly or immunocompromised persons such as those undergoing chemotherapy for cancer; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care provider. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at (800) 426-4791.

# Public Participation Opportunities

- **Date:** 2<sup>nd</sup> Monday of each month
- **Time:** 2:00 p.m.
- Location: Wylie NE SUD District Office 745 Parker Rd. Loop Wylie, Texas 75098

**Phone No:** (972) 442-2075

For more information regarding this report: Contact: Chester Adams 972-442-2075

### Our Drinking Water Meets or Exceeds All Federal (EPA) Drinking Water Requirements

This report is a summary of the quality of the water we provide our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required tests and is presented in the attached pages. We hope this information helps you become more knowledgeable about what's in your drinking water.

WATER SOURCES: The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water before treatment include: microbes, inorganic contaminants, pesticides, herbicides, radioactive contaminants, and organic chemical contaminants.

### En Espanol

Este informe incluye informacion importante sobre el agua potable. Si tiene preguntas o comentarios sobre este informe en espanol, favor de llamar al tel. (972) 442-2075 – para hablar con una persona bilingue en espanol.

### Where do we get our drinking water?

Our drinking water is obtained from the following Lake: LAKE LAVON in COLLIN COUNTY. The TCEQ has completed a Source Water Assessment for all drinking water systems that own their sources. The report describes susceptibility and types of constituents that may come into contact with your drinking water source based on human activities and natural conditions. The system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts on our system, contact: Chester Adams, General Manager, 972-442-2075. Wylie Northeast Special Utility District.

### ALL drinking water may contain contaminants.

When drinking water meets federal standards there may not be any health-based benefits to purchasing bottled water or point of use devices. Drinking water, including bottled water, may reasonably be expected to contain at least some small amounts of 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 (1-800-426-4791).

### **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 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.

## **About The Following Pages**

The pages that follow list all of the federally regulated or monitored contaminants which have been found in your drinking water. The U.S. EPA requires water systems to test for up to 97 contaminants.

## **Definitions**

### Maximum Contaminant Level (MCL)

The highest permissible level of a contaminant in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

### **Maximum Contaminant Level Goal (MCLG)** The level of a 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)

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 contamination.

### **Treatment Technique (TT)**

A required process intended to reduce the level of a contaminant in drinking water.

### Action Level (AL)

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

### Action Level Goal (ALG)

The level of a contaminant in the drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

**Avg:** Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment: 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.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if possible) why E. coli MCL violations has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

### **Abbreviations**

NTU – Nephelometric Turbidity Units
MREM - Millirems per year ( a measure of radiation absorbed by the body)
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 (mg/L)
ppt – parts per trillion, or nanograms per liter
ppq – parts per quadrillion, or picograms, per liter
NA – Not applicable
TT – Treatment Technique

Wylie NE SUD Board of Directors:	How Can Pollution Prevention Help You?
Jimmy Beach ~ President	It is hard to imagine that one person can make a difference in protecting the fresh water supplies on this planet, but each individual can really help the environment. • Use a broom instead of water to clean your driveway or garage.
Lance Ainsworth ~ Vice-President	<ul> <li>Choose non-phosphate or low phosphate detergents. High phosphate levels in lakes and streams can kill fish and other wildlife.</li> </ul>
Jason West ~ Secretary	• Use cat litter or sand instead of salt on icy walks. Salt pollutes water and kills plants.
Clint Davis ~ Director	<ul> <li>Dispose of tissues, dead insects, and other waste in a trash can rather than a toilet.</li> <li>Put all litter in trash cans so it does not get washed into the storm sewers.</li> </ul>
Christian Shamas ~ Director	<ul> <li>Clean up waste products while walking your pets.</li> <li>Do not dump used motor oil on the ground or into sewers; throwing motor oil in the trash is illegal. Recycling centers and many service stations accept used motor oil for recycling</li> </ul>
Chester Adams ~ General Manager	inegal. Recyching centers and many service stations accept used motor on for recyching

### Information about your Drinking Water

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

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

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

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### Information about your Drinking Water - cont.

To ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

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

#### Information about Source Water

WYLIE NORTHEAST SUD purchases water from NORTH TEXAS MWD WYLIE WTP. NORTH TEXAS MWD WYLIE WTP provides purchase surface water from **Lake Lavon** located in **Collin County**.

TCEQ completed a Source Water Susceptibility for all drinking water systems that own their sources. This report describes the susceptibility and types of constituents that may come into contact with the drinking water source based on human activities and natural conditions. The system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system contact **Chester Adams, General Manager, 972-442-2075**.



Wylie NE SUD							
Water Quality Data for Year 2024							

Coliform Bacteria									
Fecal									
				Coliform or					
				E. Coli Maximum	Positive				
Maximum Contaminant	Total Col	iform Maximum		Contaminant	E. Coli or Fecal Coliform				
Level Goal		minant Level	Highest No. of Positive	Level	-	nples	Violation	Likely Source of Contamination	
0		monthly sample	0.00	0			No	Naturally present in the environment.	
NOTE: Reported monthly tests found no fecal coliform bacteria. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful bacteria may be present.									
Regulated Contaminants									
	Collection	Highest Level	Range of Levels						
Disinfection By-Products	Date	Detected	Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Total Haloacetic Acids (HAA5)	2024	29	11.2 - 39.6	No goal for the total	60	ppb	No	By-product of drinking water disinfection.	
Total Trihalomethanes (TTHM)	2024	41	22.7 - 49.6	No goal for the total	80	ppb	No	By-product of drinking water disinfection.	
Bromate	2024	Levels lower than detect level	0 - 0	5	10	ppb	No	By-product of drinking water ozonation.	
		een used for calculat						valuation to determine where compliance	
sampling should occur in th	Collection	Highest Level	Range of Levels	moe testing. Fo		e, complia	ance is based	on the running annual average.	
Inorganic Contaminants	Date	Detected	Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Antimony	2024	Levels lower than detect level	0 - 0	6	6	ppb	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; and test addition.	
Arsenic	2024	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	2024	0.06	0.04 - 0.06	2	2	ppm	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.	
Beryllium	2024	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	2024	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	2024	1.3	1.3 - 1.3	100	100	ppb	No	Discharge from steel and pulp mills; erosion of natural deposits.	
Cyanide	2024	128	28.5 - 128	0 - 0	200	ppb	No	Discharge from steel/metal factories; Discharge from plastics and fertilizer factories.	
Fluoride	2024	0.712	0.316 - 0.712	4	4	ppm	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.	
Mercury	2024	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)	2024	0.926	0.0592 - 0.926	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.	
Selenium	2024	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	2024	Levels lower than detect level	0 - 0	0.5	2	ppb	No	Discharge from electronics, glass, and leaching from ore-processing sites; drug factories.	
								evels in drinking water can cause blue infant you 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	2024	5.3	5.3 - 5.3	0	50	pCi/L	No	Decay of natural and man-made deposits.	
Gross alpha excluding radon and uranium	2024	Levels lower than detect level	0 - 0	0	15	pCi/L	No	Erosion of natural deposits.	
Radium	2024	Levels lower than detect level	0 - 0	0	5	pCi/L	No	Erosion of natural deposits.	

Symphological parametersImage and the sectorImage and the sectorImage and the sectorImage and the sectorImage and the sector2.4.5-17 (Normal and the sector2.20Constrained0 -03.002.00Normal and the sectorA.Acado2.20Constrained0 -03.002.0Normal and the sectorA.Madra2.20Constrained0 -03.02.0Normal frame herbidic used on non-conge.A.Madra Sultar2.202Constrained0 -03.02.0Normal frame herbidic used on non-conge.A.Madra Sultar2.202Constrained0 -03.02.0Normal frame herbidic used on non-conge.A.Madra Sultar2.202Constrained0 -03.02.0Normal frame frame herbidic used on non-conge.A.Madra Sultar2.202Constrained0 -03.02.0Normal frame frame herbidic used on non-conge.A.Madra Markan2.202Constrained0 -03.02.0Normal frame herbidic used on non-conge.Constrained2.202Constrained0 -03.002.00Normal frame herbidic used on non-conge.Constrained2.202Constrained0 -03.002.00Normal frame herbidic used on non-conge.Constrained2.202Constrained0 -03.002.00Normal frame herbidic used on non-conge.Constrained2.202Constrained0 -03.00Normal frame herbidic used on non-conge.Constrained2.202Constrained0				Water Quali	ty Data	tor 1	ear 2	024			
2.4. b 1/1 Shinotion         2.4. b.	contaminants including pesticides and				MCLG	MCL	Units	Violation	Likely Source of Contamination		
1         2         2         2         2         0         10         100 <th< td=""><td>2, 4, 5 - TP (Silvex)</td><td>2022</td><td></td><td>0 - 0</td><td>50</td><td>50</td><td>ppb</td><td>No</td><td>Residue of banned herbicide.</td></th<>	2, 4, 5 - TP (Silvex)	2022		0 - 0	50	50	ppb	No	Residue of banned herbicide.		
Autor         Out         Control         Cont	2, 4 - D	2022	Levels lower than	0 - 0	70	70	ppb	No	Runoff from herbicide used on row crops.		
Aukards         Use         detect level         0         Rundf from agricultural peticide.           Alloards Surdow         2024         6.1         0.1 - 0.1         3         3         ppb         No         Rundf from agricultural peticide.           Brace (a) pyruse         2024         Levels lover than         00         0         200         ppt         No         Levels from than one or orgo.           Catordam         2022         Levels lover than         00         0.0         2.0         ppb         No         Levels from than one or orgo.           Catordam         2022         Levels lover than         00         0.0         0.0         2.0         ppb         No         Rundf from herbicade used on right on system           Di (2-ethyleegr) elgeate         2024         detect freel         00         0         6         ppb         No         Rundf from herbicade used on systems, and on any on systems, and on an	Alachlor	2024		0 - 0	0	2	ppb	No	Runoff from herbicide used on row crops.		
Albidané Suttorie         2/2         / pbb         No         Relator for magnificatural periodos.           Addicaté Suttorie         2022         Leviek lover han         00         1         4         pbb         No         Relator for magnificatural periodos.           Berno (e) pyrené         2024         Leviek lover han         00         0         20         ppt         No         Relation of magnificatural periodos.           Cartholman         2022         Leviek lover han         00         40         40         pbb         No         Relation of multipast dwater storage tarks and distribution lines.           Cartholman         2022         Leviek lover han         00         0         2         pbb         No         Relation of target for nother and attration.           D (2-ethylex)         2022         Leviek lover han         00         200         pbb         No         Runoff form herbicide used on risk of way.           D (2-ethylex)         2024         Leviek lover han         00         0         0         0         Discharge form horbic and chemical factories.           D (2-ethylex)         2024         Leviek lover han         00         0         0         Discharge form herbicide used on risks of way.           D (2-ethylex)         2024 </td <td>Aldicarb</td> <td>2022</td> <td></td> <td>0 - 0</td> <td>1</td> <td>3</td> <td>ppb</td> <td>No</td> <td colspan="3">Runoff from agricultural pesticide.</td>	Aldicarb	2022		0 - 0	1	3	ppb	No	Runoff from agricultural pesticide.		
Abitation solution         2022         defect (ref)         0         1         4         ppb         No         Relation from hebical used on row crow crow crow crow crow crow crow	Aldicarb Sulfone	2022		0 - 0	1	2	ppb	No	Runoff from agricultural pesticide.		
Banzo (a) pyrame         2024         Levels lower than detect (ver)         0         0         200         ppt         No         Leaching from linings of water storage tanks and detect (ver)           Carbofuran         2022         Levels lower than detect (ver)         0         0         2         ppb         No         Residue of barned termiticide.           Datapon         2022         Levels lower than detect twei         0         0         2         ppb         No         Residue of barned termiticide.           Di/2-etty/heavyl datata         2024         Levels lower than detect twei         0         0         0         6         ppb         No         Discharge from chemical factories.           D/2-etty/heavyl datata         2024         Levels lower than detect twei         0         0         0         6         ppb         No         Discharge from chemical factories.           Discharge from type         2024         Levels lower than detect twei         0         0         200         ppt         No         Residue of barned insectionse due to revel         Residue of barned insectionse due to r	Aldicarb Sulfoxide	2022		0 - 0	1	4	ppb	No	Runoff from agricultural pesticide.		
Bertion (a) prycene         2020         Case of the physical set	Atrazine	2024	0.1	0.1 - 0.1	3	3	ppb	No	Runoff from herbicide used on row crops.		
Cale of the set of th	Benzo (a) pyrene	2024		0 - 0	0	200	ppt	No			
Chronane         2022         Gelecit Level         0 - 0         20         20         ppb         No         Residue of barned fermionice.           Dalapon         2022         Levels lower than detect level         0 - 0         200         200         ppb         No         Runoff from herbicide used on rights of way.           D1(2-ethythexyf) adpate         2024         Levels lower than detect level         0 - 0         0         6         ppb         No         Discharge from chemical factories.           D1(2-ethythexyf) adpate         2022         Levels lower than detect level         0 - 0         0         6         ppb         No         Discharge from chemical factories.           Disconchicorgroppine (DBCP)         2022         Levels lower than detect level         0 - 0         0         50         ppt         No         Residue of barned financicide.           Ethytene disconide         2022         Levels lower than detect level         0 - 0         0         400         ppt         No         Bischarge from chemical factories.           Heptachior eposide         2024         Levels lower than detect level         0 - 0         0         1         ppb         No         Bischarge from chemical factories.           Heptachior eposide         2024         Levels lower than det	Carbofuran	2022		0 - 0	40	40	ppb	No	Leaching of soil fumigant used on rice and alfalfa.		
Usagon         2022         detect level         0 - 0         200         200         ppo         No         Runnff tran merical used on rights of way.           D (2-ethy/hexyl) adgata         2024         Levels lover than detect level         0 - 0         400         400         ppb         No         Discharge from chemical factories.           D (2-ethy/hexyl) adgata         Levels lover than detect level         0 - 0         0         6         ppb         No         Discharge from chemical factories.           Dincombior opportunity         2022         Levels lover than detect level         0 - 0         0         50         ppt         No         Runnff / mexing user and other levels         No         Residue of banned termitical used on scybeans and vegetables.           Heptachor         2024         Levels lover than detect level         0 - 0         0         200         ppt         No         Bicharge from networking detables.           Heptachor opolde         2024         Levels lover than detact level         0 - 0         0         1         ppb         No         Bicharge from chemical factories.	Chlordane	2022		0 - 0	0	2	ppb	No	Residue of banned termiticide.		
Dif C+Tryperson       2024       detect level       0 - 0       400       400       ppo       No       Discharge from chemical factories.         Dif C+Tryperson       2024       Levels lower than       0 - 0       0       6       ppb       No       Discharge from chemical factories.         Dipomochicorpoprane       2022       Levels lower than       0 - 0       0       200       ppt       No       Runoff / Levels form chemical factories.         Dinoseb       2022       Levels lower than       0 - 0       7       7       ppb       No       Runoff from therbride used on scybeans and variation.         Endrin       2024       Levels lower than       0 - 0       0       50       ppt       No       Residue of banned insecticide.         Ethylene dibromide       2022       Levels lower than       0 - 0       0       400       ppt       No       Residue of banned insecticide.         Heptachior       2024       Levels lower than       0 - 0       0       200       ppt       No       Residue of banned insecticide.         Heptachior epokies       2024       Levels lower than       0 - 0       200       ppt       No       Residue of banned inscicide.         Heptachior       2024       Levels lower than	Dalapon	2022		0 - 0	200	200	ppb	No	Runoff from herbicide used on rights of way.		
phthaine         2024         detect tevel         0 · 0         0         pp         NN         Bundrage from nucleor and onemeat racines.           Dbmomobilooppone         2022         Levels lower than         0 · 0         0         200         ppt         NN         Rundrif machines in subjects.           Dinoseb         2022         Levels lower than         0 · 0         7         7         ppb         NN         Rundrif from hetbicide used on soybeans and vegetables.           Endrin         2022         Levels lower than         0 · 0         2         2         ppb         NN         Rundrif from hetbicide used on soybeans and vegetables.           Ethylen abbrowide         2022         Levels lower than         0 · 0         0         50         ppt         NN         Residue of banned insecticide.           Heptachlor         2024         Levels lower than         0 · 0         0         200         ppt         NO         Breakdown of heptachlor.           Hestachlorophylopental         2024         Levels lower than         0 · 0         0         1         ppb         NO         Breakdown of heptachlor.           Hestachlorophylopental         2024         Levels lower than         0 · 0         200         200         ppb         NO         <	Di (2-ethylhexyl) adipate	2024		0 - 0	400	400	ppb	No	Discharge from chemical factories.		
(DBCP)2022detect tevel0 · 0 · 00 · 0 · 07 · 7pp bNocoton, pinespies, and orchards.noDinoseb2022Levels lover than0 · 0 · 07 · 7pp bNoResidue of banned insecticide.Endrin2024Levels lover than0 · 0 · 022pp bNoResidue of banned insecticide.Ethylene dibromide2022Levels lover than0 · 0 · 0050pptNoResidue of banned insecticide.Heptachtor2024Levels lover than0 · 0 · 00400pptNoResidue of banned insecticide.Heptachtor2024Levels lover than0 · 0 · 00200pptNoBreakdown of heptachtor.Hexachtorocyclopental2024Levels lover than0 · 0 · 001ppbNoDischarge from heptachtor.Lindane2024Levels lover than0 · 0 · 05050ppbNoDischarge from heptachtor.Methorsychiort2024Levels lover than0 · 0 · 0200pptNoRunders.Methorsychiort2024Levels lover than0 · 0 · 0200ppbNoRunders.Methorsychiort2022Levels lover than0 · 0 · 01ppbNoRunders.Oxamyl (tydate)2022Levels lover than0 · 0 · 01ppbNoRunders.Pettoram2024Levels lover than0 · 0 · 03ppbNoRunders. <td></td> <td>2024</td> <td></td> <td>0 - 0</td> <td>0</td> <td>6</td> <td>ppb</td> <td>No</td> <td>Discharge from rubber and chemical factories.</td>		2024		0 - 0	0	6	ppb	No	Discharge from rubber and chemical factories.		
Dinoseb2422detect level0 - 077pppNovegetables.Endrin2024Levels lover than detect level0 - 022ppbNoResidue of banned insecticide.Ethylene dibromide2022Levels lover than detect level0 - 0050pptNoDischarge from petroleium refinerles.Heptachior2024Levels lover than detect level0 - 00400pptNoResidue of banned insecticide.Heptachior epoxide2024Levels lover than detect level0 - 001ppbNoBischarge from metal refinerles and agricultural chemical factories.Hexachiorocopopental ene2024Levels lover than detect level0 - 05050ppbNoDischarge from metal refinerles and agricultural chemical factories.Hexachiorocopopental ene2024Levels lover than detect level0 - 0200200pptNoResidue of banned insecticide used on cattle, lumber, and gardens.Lindane2024Levels lover than detect level0 - 0200200pptNoResidue form insecticide used on apples, potatoes, and to misecticide used on apples, potatoes, and to misecticide used on apples, potatoes, and to matoes.Pentachiorophenol2022Levels lover than detect level0 - 03ppbNoRunoff / leacing from insecticide used on cotton and catter.Pictoram2022Levels lover than detect level0 - 00		2022		0 - 0	0	200	ppt	No			
Endmin2024detect level0 - 022ppNoResidue of pained insecticioe.Ethylene dibromide2022Levels lower than detect level0 - 0050pptNoDischarge from petroleium refineries.Heptachlor2024Levels lower than detect level0 - 00400pptNoResidue of banned termiticide.Heptachlor epoxide2024Levels lower than detect level0 - 001ppbNoBreakdown of heptachlor.Hexachlorocyclopentadi ene2024Levels lower than detect level0 - 05050ppbNoDischarge from chemical factories.Lindane2024Levels lower than detect level0 - 0400400ppbNoRunoff / leaching from insecticide used on cattle, lumber, and gardens.Methoxychlor2024Levels lower than detect level0 - 04040ppbNoRunoff / leaching from insecticide used on cattle, lumber, and gardens.Oxamyl [Vydate]2022Levels lower than detect level0 - 001ppbNoRunoff / leaching from insecticide used on apples, potatos, and tomataes.Pentachlorophenol2022Levels lower than detect level0 - 0500500ppbNoHerkicher unoff.Simazine20240.0710.071 + 0.071 + 0.471 + 0.44ppbNoRunoff / leaching from insecticide used on cotton and cattle.1, 1, 1. Trichloroethame2024Levels lower t	Dinoseb	2022		0 - 0	7	7	ppb	No			
Ethylene dibromide         2022         Levels lower than detect level         0 - 0         0         50         ppt         No         Discharge from petroleium refineries.           Heptachlor         2024         Levels lower than detect level         0 - 0         0         400         ppt         No         Residue of banned termiticide.           Heptachlor epoxide         2024         Levels lower than detect level         0 - 0         0         1         ppt         No         Breakdown of heptachlor.           Hexachlorocyclopentadi ene         2024         Levels lower than detect level         0 - 0         50         50         ppb         No         Discharge from metal refineries and agricultural chemical factories.           Lindane         2024         Levels lower than detect level         0 - 0         200         200         ppt         No         Runoff / laeching from insecticle used on rults, vegetables, aflafa, and livestock.           Methoxychlor         2024         Levels lower than detect level         0 - 0         200         200         ppt         No         Runoff / laeching from insecticle used on rults, vegetables, aflafa, and livestock.           Quarmy [V]v[date]         2022         Levels lower than detect level         0 - 0         0         1         ppb         No         Runoff / laeching from in	Endrin	2024	Levels lower than	0 - 0	2	2	ppb	No			
Heptachior         2024         detect level         0 - 0         0         400         ppt         No         Residue of banne termincide.           Heptachior epoxide         2024         Levels lower than detect level         0 - 0         0         1         ppb         No         Breakdown of heptachior.           Hexachlorobenzene         2024         Levels lower than detect level         0 - 0         0         1         ppb         No         Discharge from metal refineries and agricultural chemical factories.           Hexachlorobenzene         2024         Levels lower than detect level         0 - 0         50         50         ppb         No         Discharge from chemical factories.           Lindane         2024         Levels lower than detect level         0 - 0         200         200         ppt         No         Runoff / leaching from insecticide used on ratile, lumber, and gardens.           Methoxychlor         2024         Levels lower than detect level         0 - 0         200         200         ppb         No         Bischarge from oxog preserving factories.           Oxamy [V]vdate]         2022         Levels lower than detect level         0 - 0         0         1         ppb         No         Discharge from wood preserving factories.           Pictoram         2022	Ethylene dibromide	2022		0 - 0	0	50	ppt	No	Discharge from petroleium refineries.		
Heptachor epoxide         2024         detect level         0 - 0         0         200         ppt         No         Breakdown of neptachor.           Hexachlorobenzene         2024         Levels lower than detect level         0 - 0         0         1         ppb         No         Discharge from metal referiences and agricultural chemical factories.           Hexachlorocyclopentadi ene         2024         Levels lower than detect level         0 - 0         50         50         ppb         No         Discharge from metal referiences and agricultural chemical factories.           Methoxychlor         2024         Levels lower than detect level         0 - 0         40         40         ppb         No         Runoff / leaching from insecticide used on cattle, lumber, and gardens.           Oxamy [Vydate]         2022         Levels lower than detect level         0 - 0         0         1         ppb         No         Discharge from metal referiences and agricultural chemical factories.           Pentachlorophenol         2022         Levels lower than detect level         0 - 0         0         1         ppb         No         Discharge from metal referiences and agricultural chemical factories.           Pictoram         2022         Levels lower than detect level         0 - 0         0         1         ppb         No         Di	Heptachlor	2024		0 - 0	0	400	ppt	No	Residue of banned termiticide.		
Hexachloropenzene       2024       detect level       0 - 0       0       1       ppb       No       chemical factories.         Hexachloropolopentadi ene       2024       Levels lower than detect level       0 - 0       50       50       ppb       No       Discharge from chemical factories.         Lindane       2024       Levels lower than detect level       0 - 0       200       200       ppt       No       Runoff / leaching from insecticide used on cattle, under / leaching from insecticide used on fulls, potatoes, and tomatoes.         Oxamyl [Vydate]       2022       Levels lower than detect level       0 - 0       200       200       ppb       No       Runoff / leaching from insecticide used on fulls, potatoes, and tomatoes.         Pentachlorophenol       2022       Levels lower than detect level       0 - 0       0       1       ppb       No       Discharge from wood preserving factories.         Simazine       2024       0.071       0.071 - 0.071       4       4       ppb       No       Herbicide runoff.         Toxaphene       2024       Levels lower than detect level       0 - 0       3       ppb       No       Runoff / leaching from insecticide used on cotton and cattle.         1, 1 - Trichloroethane       2024       Levels lower than detect level       0 - 0       3 </td <td>Heptachlor epoxide</td> <td>2024</td> <td></td> <td>0 - 0</td> <td>0</td> <td>200</td> <td>ppt</td> <td>No</td> <td>Breakdown of heptachlor.</td>	Heptachlor epoxide	2024		0 - 0	0	200	ppt	No	Breakdown of heptachlor.		
ene2024detect level0 - 03050ppbNoDischarge from rehemical tectories.Lindane2024Levels lower than detect level0 - 0200200pptNoRunoff / leaching from insecticide used on cattle, lumber, and gardens.Methoxychlor2024Levels lower than detect level0 - 04040ppbNoRunoff / leaching from insecticide used on fulls, vegetables, affata, and livestock.Oxamyl [Vydate]2022Levels lower than detect level0 - 0200200ppbNoRunoff / leaching from insecticide used on apples, potatoes, and formatoes.Pentachlorophenol2022Levels lower than detect level0 - 001ppbNoDischarge from wool preserving factories.Picloram2022Levels lower than detect level0 - 0500500ppbNoHerbicide runoff.Simazine20240.0710.071 - 0.07144ppbNoRunoff / leaching from insecticide used on cotton and cattle.Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from model preserving factories.1, 2, 2- Dichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factor	Hexachlorobenzene	2024		0 - 0	0	1	ppb	No			
Lindahe2024detect level0 - 0200200pptNoNumber, and gardens.Methoxychlor2024Levels lower than detect level0 - 04040ppbNoRunoff / leaching from insecticide used on npiles, vegetables, alfalfa, and livestock.Oxamyl [Vydate]2022Levels lower than detect level0 - 0200200ppbNoRunoff / leaching from insecticide used on apples, potatoes, and tomatoes.Pentachlorophenol2022Levels lower than detect level0 - 001ppbNoDischarge from wood preserving factories.Picloram2022Levels lower than detect level0 - 0500500ppbNoHerbicide runoff.Simazine20240.0710.071 - 0.07144ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollectorHighest Level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 0200200ppbNoDischarge from metal degreasing sites and other factories.1, 2, 2 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 2, 2 - Dichloroethane2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemic		2024		0 - 0	50	50	ppb	No	Discharge from chemical factories.		
Methoxychior2024detect level0 - 0404040ppbNovegetables, affalfa, and livestock.Oxamyl [Vydate]2022Levels lower than detect level0 - 0200200ppbNoRunoff / leaching from insecticide used on apples, potabes, and tomatoes.Pentachlorophenol2022Levels lower than detect level0 - 001ppbNoDischarge from wood preserving factories.Picloram2022Levels lower than detect level0 - 0500500ppbNoHerbicide runoff.Simazine20240.0710.071 - 0.07144ppbNoHerbicide runoff.Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollectionHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from metal degreasing sites and other factories.1, 2, 2, 4- Trichloroethane2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 2- Trichloroethane2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.<	Lindane	2024		0 - 0	200	200	ppt	No			
Oxaminy (vydate)2022detect level0 - 0200200ppbNopotatoes, and tomatoes.Pentachlorophenol2022Levels lower than detect level0 - 001ppbNoDischarge from wood preserving factories.Pictoram2022Levels lower than detect level0 - 0500500ppbNoHerbicide runoff.Simazine2024Lovels lower than detect level0 - 003ppbNoHerbicide runoff.Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollection DateHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Tichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1, 2 - Trichloroethane2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichloroethane2024Levels lower than 	Methoxychlor	2024		0 - 0	40	40	ppb	No	5		
Pentachlorophenol2022detect level0 - 001ppbNoDischarge from wood preserving factories.Picloram2022Levels lower than detect level0 - 0500500ppbNoHerbicide runoff.Simazine20240.0710.071 - 0.07144ppbNoHerbicide runoff.Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollection DateHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1, 2 - Trichloroethylene2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichlorobenzene2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichlorobenzene2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethan	Oxamyl [Vydate]	2022		0 - 0	200	200	ppb	No			
Pictoram2022detect level0 - 0500500500ppbNoHerbicide runoff.Simazine20240.0710.071 - 0.07144ppbNoHerbicide runoff.Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollection DateHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 0200200ppbNoDischarge from metal degreasing sites and other factories.1, 1, 2 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1, 2, 4 - Trichloroethane2024Levels lower than detect level0 - 07777ppbNoDischarge from industrial chemical factories.1, 2, 2, 4 - Trichlorobenzene2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical f	Pentachlorophenol	2022		0 - 0	0	1	ppb	No	Discharge from wood preserving factories.		
Toxaphene2024Levels lower than detect level0 - 003ppbNoRunoff / leaching from insecticide used on cotton and cattle.Volatile Organic ContaminantsCollection DateHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 0200200ppbNoDischarge from metal degreasing sites and other factories.1, 1, 2 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1 - Dichloroethylene2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichlorobenzene2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level <td>Picloram</td> <td>2022</td> <td></td> <td>0 - 0</td> <td>500</td> <td>500</td> <td>ppb</td> <td>No</td> <td>Herbicide runoff.</td>	Picloram	2022		0 - 0	500	500	ppb	No	Herbicide runoff.		
Toxapriene2024detect level0 - 003ppbNocattle.Volatile Organic ContaminantsDateHighest Level DetectedRange of Levels DetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 0200200ppbNoDischarge from metal degreasing sites and other factories.1, 1, 2 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1 - Dichloroethylene2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichloroethane2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemic	Simazine	2024	0.071	0.071 - 0.071	4	4	ppb	No	Herbicide runoff.		
ContaminantsDateDetectedDetectedMCLGMCLUnitsViolationLikely Source of Contamination1, 1, 1 - Trichloroethane2024Levels lower than detect level0 - 0200200ppbNoDischarge from metal degreasing sites and other factories.1, 1, 2 - Trichloroethane2024Levels lower than detect level0 - 035ppbNoDischarge from industrial chemical factories.1, 1 - Dichloroethylene2024Levels lower than detect level0 - 077ppbNoDischarge from industrial chemical factories.1, 2, 4 - Trichlorobenzene2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 07070ppbNoDischarge from industrial chemical factories.1, 2 - Dichloroethane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from industrial chemical factories.1, 2 - Dichloropropane2024Levels lower than detect level0 - 005ppbNoDischarge from indu	Toxaphene	2024		0 - 0	0	3	ppb	No			
1, 1, 1 - Inchloroethane       2024       detect level       0 - 0       200       200       ppb       No       factories.         1, 1, 2 - Trichloroethane       2024       Levels lower than detect level       0 - 0       3       5       ppb       No       Discharge from industrial chemical factories.         1, 1 - Dichloroethylene       2024       Levels lower than detect level       0 - 0       7       7       ppb       No       Discharge from industrial chemical factories.         1, 2, 4 - Trichloroethylene       2024       Levels lower than detect level       0 - 0       70       70       ppb       No       Discharge from industrial chemical factories.         1, 2, 4 - Trichloroethane       2024       Levels lower than detect level       0 - 0       70       70       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloroethane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloropropane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloropropane       2024       Levels lower than detect level       0 - 0					MCLG	MCL	Units	Violation	Likely Source of Contamination		
1, 1, 2 - Inchloroethane       2024       detect level       0 - 0       3       5       ppb       No       Discharge from industrial chemical factories.         1, 1 - Dichloroethylene       2024       Levels lower than detect level       0 - 0       7       7       ppb       No       Discharge from industrial chemical factories.         1, 2, 4 - Trichlorobenzene       2024       Levels lower than detect level       0 - 0       70       70       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloroethane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloroethane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloropropane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         Benzene       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         Carbon Tetrachloride       2024       Levels lower than detect level       0 - 0 </td <td>1, 1, 1 - Trichloroethane</td> <td>2024</td> <td></td> <td>0 - 0</td> <td>200</td> <td>200</td> <td>ppb</td> <td>No</td> <td>· · ·</td>	1, 1, 1 - Trichloroethane	2024		0 - 0	200	200	ppb	No	· · ·		
1, 1 - Dichloroethylene       2024       detect level       0 - 0       7       7       ppb       No       Discharge from industrial chemical factories.         1, 2, 4 - Trichlorobenzene       2024       Levels lower than detect level       0 - 0       70       70       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloroethane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloropropane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         1, 2 - Dichloropropane       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from industrial chemical factories.         Benzene       2024       Levels lower than detect level       0 - 0       0       5       ppb       No       Discharge from factories; leaching from gas storage tanks and landfills.         Carbon Tetrachloride       2024       Levels lower than       0 - 0       0       5       ppb       No       Discharge from chemical plants and other industrial	1, 1, 2 - Trichloroethane	2024		0 - 0	3	5	ppb	No	Discharge from industrial chemical factories.		
Trichlorobenzene     2024     detect level     0 - 0     70     70     ppb     No     Discharge from textile-tinishing factories.       1, 2 - Dichloroethane     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       1, 2 - Dichloropropane     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       Benzene     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from factories; leaching from gas storage tanks and landfills.       Carbon Tetrachloride     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from chemical plants and other industrial		2024		0 - 0	7	7	ppb	No	Discharge from industrial chemical factories.		
1, 2 - Dichloroperhane     2024     detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       1, 2 - Dichloropropane     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       Benzene     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       Carbon Tetrachloride     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.		2024		0 - 0	70	70	ppb	No	Discharge from textile-finishing factories.		
1, 2 - Dichloropropane     2024     detect level     0 - 0     0     5     ppb     No     Discharge from industrial chemical factories.       Benzene     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from factories; leaching from gas storage tanks and landfills.       Carbon Tetrachloride     2024     Levels lower than detect level     0 - 0     0     5     ppb     No     Discharge from factories; leaching from gas storage tanks and landfills.	1, 2 - Dichloroethane	2024		0 - 0	0	5	ppb	No	Discharge from industrial chemical factories.		
Benzene         2024         detect level         0 - 0         0         5         ppb         No         tanks and landfills.           Carbon Tetrachloride         2024         Levels lower than         0 - 0         0         5         ppb         No         Discharge from chemical plants and other industrial	1, 2 - Dichloropropane	2024		0 - 0	0	5	ppb	No	Discharge from industrial chemical factories.		
	Benzene	2024		0 - 0	0	5	ppb	No			
	Carbon Tetrachloride	2024		0 - 0	0	5	ppb	No			

### Wylie NE SUD Water Quality Data for Year 2024

### Wylie NE SUD Water Quality Data for Year 2024

Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination	
Chlorobenzene	2024	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from chemical and agricultural chemical factories.	
Dichloromethane	2024	Levels lower than detect level	0 - 0	0	5	ppb	No	Discharge from pharmaceutical and chemical factor	
Ethylbenzene	2024	Levels lower than detect level	0 - 0	0	700	ppb	No	Discharge from petroleum refineries.	
Styrene	2024	Levels lower than detect level	0 - 0	100	100	ppb	No	Discharge from rubber and plastic factories; leach from landfills.	
Tetrachloroethylene	2024	Levels lower than detect level	0 - 0	0	5	ppb	No	Discharge from factories and dry cleaners.	
Toluene	2024	Levels lower than detect level	0 - 0	1	1	ppm	No	Discharge from petroleum factories.	
Trichloroethylene	2024	Levels lower than detect level	0 - 0	0	5	ppb	No	Discharge from metal degreasing sites and other factories.	
Vinyl Chloride	2024	Levels lower than detect level	0 - 0	0	2	ppb	No	Leaching from PVC piping; discharge from plastics factories.	
Xylenes	2024	Levels lower than detect level	0 - 0	10	10	ppm	No	Discharge from petroleum factories; discharge from chemical factories.	
cis - 1, 2 - Dichloroethylene	2024	Levels lower than detect level	0 - 0	70	70	ppb	No	Discharge from industrial chemical factories.	
o - Dichlorobenzene	2024	Levels lower than detect level	0 - 0	600	600	ppb	No	Discharge from industrial chemical factories.	
p - Dichlorobenzene	2024	Levels lower than detect level	0 - 0	75	75	ppb	No	Discharge from industrial chemical factories.	
August 4 0		Levels lower than				ppb	No	Discharge from industrial chemical factories.	
trans - 1, 2 - Dicholoroethylene	2024	detect level	0 - 0	100	100	ppp		Bioshargo nom madolinar onomioar hadioneo.	
	2024			100 Turbidity	100	440			
	2024		0 - 0 Limit (Treatment Tech	Turbidity		Detected	Violation	Likely Source of Contamination	
Dicholoroethylene			Limit	Turbidity	Level [				
Dicholoroethylene ighest single measure west monthly percer	ement ntage (%) me	detect level	Limit (Treatment Tech 1 NTU 0.3 NTU	Turbidity nique)	Level [ 0 96	Detected 93 .7%	Violation No No	Likely Source of Contamination Soil runoff. Soil runoff.	
Dicholoroethylene ighest single measurr owest monthly percer OTE: Turbidity is a meas	ement ntage (%) me	detect level	Limit (Treatment Tech 1 NTU 0.3 NTU ter caused by suspended	Turbidity nique) particles. We r	Level E 0 96 nonitor it	Detected 93 .7% because it	Violation No No	Likely Source of Contamination Soil runoff.	
Dicholoroethylene ighest single measur owest monthly percer OTE: Turbidity is a meas	ement ntage (%) me	detect level	Limit (Treatment Tech 1 NTU 0.3 NTU ter caused by suspended	Turbidity nique)	Level E 0 96 nonitor it	Detected 93 .7% because it	Violation No No	Likely Source of Contamination Soil runoff. Soil runoff.	
Dicholoroethylene ighest single measurr owest monthly percer OTE: Turbidity is a meas	ement ntage (%) me	detect level	Limit (Treatment Tech 1 NTU 0.3 NTU ter caused by suspended	Turbidity nique) particles. We r Residual Disi Highest	Level E 0 96 nonitor it	Detected 93 .7% because it	Violation No No	Likely Source of Contamination Soil runoff. Soil runoff.	
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Dicholoroethylene ighest single measure owest monthly percer OTE: Turbidity is a meas our filtration. Disinfectant Type Chlorine Residual (Chloramines) Chlorine Dioxide	ement ntage (%) mere surement of the Year 2024 2024	detect level	Limit (Treatment Tech 1 NTU 0.3 NTU ter caused by suspended Maximum I Lowest Result of Single Sample 0.80 0	Turbidity nique) particles. We r Residual Disi Highest Result of Single Sample 4.30 0.82	Level [ 0 96 nonitor it nfectant 4.00 0.80	Detected 93 .7% because it Level MRDLG <4.0 0.80	Violation No is a good inc Units ppm ppm	Likely Source of Contamination Soil runoff. Soil runoff. dicator of water quality and the effectiveness Source of Chemical Disinfectant used to control microbes. Disinfectant.	
Dicholoroethylene ighest single measure west monthly percer DTE: Turbidity is a meas our filtration. Disinfectant Type Chlorine Residual (Chloramines) Chlorine Dioxide Chlorite	Year 2024 2024 2024	Average Level of Quarterly Data 2.30 0.027 0.187	Limit (Treatment Tech 1 NTU 0.3 NTU ter caused by suspended Maximum I Lowest Result of Single Sample 0.80 0	Turbidity nique) particles. We r Residual Disi Highest Result of Single Sample 4.30 0.82 0.95	Level [ 0 96 nonitor it nfectant 4.00 0.80 1.00	Detected 93 .7% because it Level MRDLG <4.0 0.80 N/A	Violation No is a good inc Units ppm ppm	Likely Source of Contamination Soil runoff. Soil runoff. dicator of water quality and the effectiveness Source of Chemical Disinfectant used to control microbes. Disinfectant. Disinfectant.	
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### Wylie NE SUD Water Quality Data for Year 2024

Lead and Copper									
hand and Quantum	Date	Action	00// D		11-21-2	Maladan			
Lead and Copper	Sampled	Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination Corrosion of household plumbing systems; erosion of		
Lead	2024	15	1	0	ppb	No	natural deposits. Erosion of natural deposits; leaching from wood		
Copper	2024	1.30	0.753	0	ppm	No	preservatives; corrosion of household plumbing systems. g water, primarily by reducing water corrosivity.		
ead in drinking water is p uality drinking water, but otential for lead exposur	ORMATION For primarily from cannot contro e by flushing y r water tested	OR LEAD: If presen materials and comp ol the variety of mat your tap for 30 seco d. Information on lea	t, elevated levels of lear conents associated with erials used in plumbing onds to 2 minutes before ad in drinking water, test	d can cause serious he service lines and hom components. When yo using water for drinkir	ealth probl e plumbin ur water h ng or cook	g. Wylie NE as been sitti ing. If you ar	ally for pregnant women and young children. SUD is responsible for providing high ng for several hours, you can minimize the e concerned about lead in your water, mize exposure is available from the		
			Unreg	ulated Contamina	nts				
Contaminants	Collection Date	-	est Level etected	Range of Levels Detected		Jnits	Likely Source of Contamination		
Chloroform	2024	-	21.2	6.28 - 21.2		ppb	By-product of drinking water disinfection.		
Bromoform	2024		2.02	1.05 - 2.02		ppb	By-product of drinking water disinfection.		
Bromodichloromethane	2024		17.2	8.6 -17.2		ppb	By-product of drinking water disinfection.		
Dibromochloromethane	2024		10.7	6.12 - 10.7		ppb	By-product of drinking water disinfection.		
OTE: Bromoform, chlor ne entry point to distributi							maximum contaminant level for these chemicals at		
			Secondary and O	ther Constituents	Not Reg	gulated			
Contaminants	Collection Date		est Level etected	Range of Levels Detected		Inits	Likely Source of Contamination		
Aluminum	2024	Levels lowe	than detect level	0 - 0		ppm	Erosion of natural deposits.		
Calcium	2024		66.5	35.4 - 66.5		ppm	Abundant naturally occurring element.		
Chloride	2024		95.3	15.4 - 95.3		ppm	Abundant naturally occurring element; used in water purification; by-product of oil field activity.		
Iron	2024	Levels lowe	than detect level	0 - 0		ppm	Erosion of natural deposits; iron or steel water delive equipment or facilities.		
Magnesium	2024		9.84	5.88 - 9.84		ppm	Abundant naturally occurring element.		
Manganese	2024		0.082	0.029 - 0.082		ppm	Abundant naturally occurring element.		
Nickel	2024	(	0.0067	0.0048 - 0.0067		ppm	Erosion of natural deposits.		
рН	2024		8.9	7.4 - 8.9		units	Measure of corrosivity of water.		
Silver	2024	Levels lowe	than detect level	0 - 0		ppm	Erosion of natural deposits.		
Sodium	2024		88.7	35.5 - 88.7		ppm	Erosion of natural deposits; by-product of oil field activity.		
Sulfate	2024		165	39.6 - 165		ppm	Naturally occurring; common industrial by-product; by product of oil field activity.		
Total Alkalinity as CaCO3	2024	128		56.5 - 128		ppm	Naturally occurring soluble mineral salts.		
Total Dissolved Solids	2024		509	271 - 509		ppm	Total dissolved mineral constituents in water.		
Total Hardness as CaCO3	2024		202	105 - 202		ppm	Naturally occurring calcium.		
Zinc	2024	Levels lowe	r than detect level	0 - 0		ppm	Moderately abundant naturally occurring element use in the metal industry.		
			N	/iolations Table					
Violation Violation Type Begin Violation End Violation Explanation									
a location i ype	Degin				viola	acion Explan	auvii		

## **Unregulated Contaminant Monitoring Rule (UCMR5)**

PWSs are required to report UCMR results in the CCR when unregulated contaminants are found (i.e., measured at or above minimum reporting levels [MRLs]), and must report the average and range of the monitoring results for the report year. Additionally, PWSs are required to notify customers through Tier 3 Public Notification (PN) about the availability of all UCMR results no later than 12 months after they are known by the PWS. If timing and delivery requirements are met, systems may include their PN within the CCR, also known as annual drinking water quality report. EPA has resources for PWSs available on the CCR and PN Compliance help webpages.

Contaminants	Collection Date	Average Level	Range of Levels Detected	MRL	Units	Likely Source of Contamination
Lithium	2024	undetectable	<9 mg/L		mg/L	
PFTA	2024	undetectable	<0.008 ug/L		ug/L	
PFTrDA	2024	undetectable	<0.007 ug/L		ug/L	
NEtFOSAA	2024	undetectable	<0.005 ug/L		ug/L	
NMeFOSAA	2024	undetectable	<0.006 ug/L		ug/L	

Lead Service Line Inventory

Throughout our water system, we have been working hard to identify the material of every service line, or the pipes, delivering water to the structure(s) on a property from the water main. We have have been unable to confirm all the service lines at this time, but we are working diligently to complete the task.