# Source of Drinking Water

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

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.

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

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

# Where Do We Get Our Drinking Water?

CADDO BASIN SUD purchases water from NORTH TEXAS MWD WYLIE WTP. NORTH TEXAS MWD WYLIE WTP provides purchase surface water from Lake Lavon Reservoir located in Collin County.

CADDO BASIN SUD purchases water from CITY OF FARMERSVILLE. CITY OF FARMERSVILLE provides purchase surface water from NORTH TEXAS MWD WYLIE WTP Lake Lavon Reservoir located in Collin County. PUBLIC NOTICE The CITY OF FARMERSVILLE water system PWS ID 0430004 has violated the monitoring/reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Title 30, Texas Administrative Code (30 TAC), Section 290. Subchapter F. Public water systems are required to properly disinfect water before distribution, maintain acceptable disinfection residuals within the distribution system, monitor the disinfectant residual at various locations throughout the distribution system, and report the results of that monitoring to the TCEQ on a quarterly basis. Results of regular monitoring are an indicator of whether or not your drinking water is safe from microbial contamination. This violation occurred in the monitoring period of the Third Quarter 07/01/2019 - 09/30/2019 We are taking the following actions to address this issue: THE DISINFECTANT RESIDUALS WERE MONITORED AT THE APPROPERATE TIMES. THE REPORT HOWEVER DID NOT GET MAILED UNTIL DECEMBER 18, 2019 FOR THIS TIME FRAME. THIS WAS AN OVER SITE AND HAS BEEN CORRECTED.

### Source Water Assessment

TCEQ completed an assessment of your source water and results indicate that some of your sources are susceptible to certain contaminants. The sampling requirements for your water system are based on the susceptibility and previous sample data. Any detections of these contaminants may be found in this Consumer Confident Report. For more information on source water assessments and production efforts at our system, contact Leahmon Bryant, General Manager (903) 527-3504

### All Drinking Water May Contain Contaminants

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

# **Cryptosporidium and Drinking Water**

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system

disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800) 426-479

## Lead and Drinking Water

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 <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>.

### Information About Source Water Assessments

A Source Water Susceptibility Assessment for your drinking water source(s) is currently being updated by the Texas Commission on Environmental Quality. This information describes the susceptibility and types of constituents that may come into contact with your drinking water source based on human activities and natural conditions. The information contained in the assessment allows us to focus source water protection strategies.

For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL:

<u>http://gis3.tceq.state.tx.us/swav/Controller/index.jsp?wtrsrc=</u> Further details about sources and source-water assessments are available in Drinking Water Watch at the following URL: <u>http://dww.tceq.texas.gov/DWW</u>

# **DEFINITIONS**

The following tables contain scientific terms and measures, some of which may require explanation.

Action Level-The concentration of 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 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

AVG- Regulatory compliance with some MCLS are based on running annual average of monthly samples.

**Maximum Contaminant Level or MCL**: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment 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 or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. LEVEL 2 ASSESSMENT- A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

MAXIMUM RESIDUAL DISINFECTANT LEVEL OR MRDL- The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MAXIMUM RESIDUAL DISINFECTANT LEVEL or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. MFL- million fibers per liter (a measure of asbestos)

**ppm:** milligrams per liter or parts per million - or one ounce in 7,350 gallons of water. **mrem:**-millirems per year ( a measure of radiation absorbed by the body) **NA**- not applicable.

**NTU**-nephelometric turbidity units (a measure of turbidity)

Treatment Technique or TT: A required process intended to reduce the level of a contaminant

- in drinking water.
- **ppt** parts per trillion, or nanograms per liter (ng/L)

pCi/L picocuries per liter (a measure of radioactivity)

**ppb:** micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water. **ppq** parts per quadrillion, or picograms per liter (pg/L)

- Lead and Copper
- Definitions

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety. Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile # Sites Over AL	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2019	1.3	1.3	0.6112	0	шdd	z	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2019	0	15	-	0	qdd	z	Corrosion of household plumbing systems; Erosion of natural deposits.
Disinfection By-Products	Collection Date	Highest Level Detected	Range ofIndividual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2019	25	13.9 - 20.7	No goal for the total	60	dqq	Z	By-product of drinking water disinfection.
The value in the Highest Level or Average Detected column is the hi	el or Average Detec	ted column is the hit	ighest average of all HAA5 sample results collected at a location over a year'	AA5 sample results	s collected at a loc	ation over a ye	ar'	
Total Trihalomethanes (TTHM)	2019	42	31.5 - 49.4	No goal for the total	80	qdd	z	By-product of drinking water disinfection.
The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year	el or Average Detec	ted column is the hig	ghest average of all ∏	FHM sample result.	s collected at a loc	cation over a ye	ar'	
Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Nitrate [measured as Nitrogen]	2019	-	0.748 - 0.846	10	10	шdd	z	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation	Source in Drinking Water
Chlorine Residuals (Chloramines)	2019	2.36	2.14-2.53	4	4	mqq	z	Water additive used to control microbes.

CADDO BASIN SUD 2019 MONITORING RESULTS

# 2019

# **Annual Drinking Water**



# PWS ID: 1160029

# **Our Drinking Water Is Regulated**

This Annual Water Quality Report for the period of January 1 to December 31, 2019. This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

In the water loss audit submitted to the Texas Water Development Board for the time period of Jan-Dec 2019, our system lost an estimated 16.22% gallons of water. If you have any questions about the water loss audit please call PWS phone number. If you have any questions about the water loss please call (903) 527-3504.

# For More Information About Caddo Basin Special Utility District

If you have questions about this report or concerning your water utility, please contact Leahmon F. Bryant, General Manager, by calling (903) 527-3504 or writing to 156 CR 1118, Greenville, TX 75401-7514. You may also send an email to webadmin@caddobasin.com. We want our valued customers to be informed about their water utility. The Board Meetings are held the Fourth Tuesday of each month at 6:30 PM at The District Office located at 156 CR 1118, Greenville, TX.

<b>CBSUD Board of Directors</b>	
Jerry Leinart	President
Bill Daniel	Vice-President
Elwood Jones	Secretary/Treasurer
James C. Patterson	Director
Mickey Pierson	Director
Gene Martin	Director
Ronnie Clack	Director

**En Español** Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (903) 527-3504-para hablar con una persona bilingüe en español.

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Dirk Low CAREGON         Dirk Low CAREGON           2019         SOLUCE WATER         5.8         4.95-5.8         ppm         NATURALLY PRESENT IN THE ENVIROMENT           2019         DRINKING WATER         3.6         155-3.60         ppm         NATURALLY PRESENT IN THE ENVIROMENT           2019         REMOVAL RATIO         63.30%         19.3-63.3         %REMOVAL         NA           2019         REMOVAL RATIO         63.30%         19.3-63.3         %REMOVAL         NA           2019         REMOVAL RATIO         63.30%         19.3-63.3         %REMOVAL         NA           2019         REMOVAL RATIO         65.30%         19.3-63.3         Wite parenet of TCC reproved by the prevent report	Diff. LoreANIC CAREGON         Diff. LoreANIC CAREGON           2019         SOLARCE WATER         5.08         3.69         553.60         ppm         NATURALLY PRESENT IN THE ENVIRON ENT           2019         REMOVAL RATIO         653.05%         93.653.3         %REMOVAL         N/A           2019         REMOVAL RATIO         653.05%         93.653.3         %REMOVAL         N/A           2019         REMOVAL RATIO         653.05%         93.653.3         %REMOVAL         N/A           2017         Total organic frictorian include triabation thates cancerobine with TCC to form eliabili elicelito by products. Diarifection is necessary to ensure that wate does not have unacceptable levels of thoores of TCC is rained frictorian by products. Diarifection is the percent of TCC creation with the treatment process widely the percent of TCC regime of the treat mater         Violation         Likely Source of Construction is the percent of TCC is rained frictorian by products. Diarifection is a good inclicator of water quality and the effectivenes of our filtration.           2019         CRPTROPCORDUN         0         0-0         0.60         Cystal/L         Haren & animal facal waste.           2019         Clearcing (mathing limit         0.3 NTU         9.67         No         Soil rupoff           2010         Chemical and         0.40         0.00         0.8         0.8         ppm         Diarlefact	OTE: NO	T ALL SAM PLE RESULTS MA	Y HAVE BEEN USED FOR	CALCULATING	THE HIGHES	ST LEVEL C	DETECTED	BECAL	JSE SOM E RESU	LTS MAY BE PA	ART OF AN EVALUATION TO DETERMINE WHERE
2019         SOURCE WATER         6.09         3.89-508         ppm         ATURALLY PRESENT IN THE ENVIRONENT           2019         REMOVAL RATIO         6.3.0%         9.89-60%         NATURALLY PRESENT IN THE ENVIRONENT           2019         REMOVAL RATIO         6.3.0%         9.8-80%         NATURALLY PRESENT IN THE ENVIRONENT           2019         REMOVAL RATIO         6.3.0%         9.8-80%         NATURALLY PRESENT IN THE ENVIRONENT           2018         REMOVAL RATIO         6.3.0%         9.8-80%         NATURALLY PRESENT IN THE ENVIRONENT           2018         REMOVAL So distriction inductor Handmathenes (THA) is the loaded tacks (HAA) which are reported delevation in necessary to ansure that water does not have uncoepitable levals of thoores           2018         GRAYPTOSPROMDIM         0         0-0         OC Cystal         Harma & animal feecil waste.           2019         GRAYPTOSPROMDIM         0         0-0         OC Cystal         Harma & animal feecil waste.         Harma & animal feecil waste.           2019         GRAYPTOSPROMDIM         0         0-0         OC Cystal         No         Soil rooff           2019         Charma (Lago Marine Lago Marine	2019         SOURCE WATER         6.08         3.89-6.08         ppm         NATURALLY PRESENT IN THE ENVIRONMENT           2019         DRINNING WATER         3.6         1.563-3.60         ppm         NATURALLY PRESENT IN THE ENVIRONMENT           2019         REMOVAL RATIO         63.30%         9.3-63.3         VMREMOVAL         N/A           2018         REMOVAL RATIO         63.30%         9.3-63.3         VMREMOVAL         N/A           2018         REMOVAL RATIO         63.30%         9.3-60.3         VMREMOVAL         N/A           2018         REMOVAL RATIO         63.30%         9.3-60.0         VMREMOVAL         N/A           2018         REMOVAL RATIO         63.00%         9.400.00 Corputation by products. Dividence reported elsewhere in this report. * rerowal ratio is the parcent of the capacity by TCE/0 to be removed.         VMREMOVAL         N/A           2019         GRINING KARTER         0.0         0.0         Oc Cysts/L         Human & animal facal waste.           2019         GRINING KARTER         0.0         0.0         Oc Cysts/L         Human & animal facal waste.           2019         Chernical Codd         0.0         0.0         0.0         NO         Soil runoff           2019         Cherenical (Signith REMOVAL NINK         NA			CUR IN THE FURTURE.								
239         RINKING WATER         3.6         1.55-3.60         Image: contract of the contract of	20.9         RINKING WATER         3.6         1563.60         Image: Control of the state state of the state of the state of the state of the state of th		1									
Control         Characterization         Control         Pum         N/A           200         REMOVAL RATIO         63.30%         9.3-63.3         VIEL Total organic (TOC) have no heath effects. The districtant canombine with TOC Is form desirrection by products. Distribution to encound by the restring the provided of the	Control         Characterization         Control         Control           200         REMOVALEATIO         63.30%         10.348.3         10.401         N/A           201         REMOVALEATIO         63.30%         10.348.3         10.401         N/A           201         REMOVALEATIO         63.30%         10.348.3         10.401         N/A           2011         REMOVALEATIO         63.30%         10.348.3         10.401         N/A           2011         Creating Structure and the dects. The distributed induced is displaced in adds (HA) which are reported displaced in the report. * removal ratio is the percent of TOC removed by the treatment processes which are percent of TOC required by the treatment processes which are reported displaced in adds (HA) which are reported displaced in the report. * removal ratio is the percent of TOC removed by the treatment processes which are percent of TOC required by the treatment processes which are percent of TOC required by the treatment processes which are percent of TOC required by the treatment processes which are percent of TOC required by TCE to the treatment Technique         Violation         Likely Source of Constructure are percent of TOC required by the treatment processes which are percent of TOC required by the treatment processes which are percent of to an armal are percent are percent are percent of to an armal are percent of to an ar							ppm		NATURALLY PR	ESENT IN THE E	ENVIROMENT
DTE To large and running (TCC) has no health effects. The disinfectant can combine with TCC to form disinfection by-products. Disinfection is nonseasy to ensure that water does not have unacceptable levels of ensure that water does not have unacceptable levels of to Create and the formation and the ensure in this report. * removal ratio is the percent of TCC removed by the treatment process without by protein to distribute interval in the report. * removal ratio is the percent of TCC removed by the treatment process without by protein to distribute interval interval ratio is the percent of TCC removed by the treatment process without by protein to distribute interval interv	DTE Torial regards (TOC) has no health affects. The disinfectant concombine with TOC to form deisinfection by-products. Disinfection is necessary to ensure that water does not have unacceptable levels of the proceed. ITOC required by TCEQ to be removed.         2019       CRYPTOSPORDIUM       0       0.00       0.00 Cysts/L       Humen & animal feed waste.         2019       CRYPTOSPORDIUM       0       0.00       0.00 Cysts/L       Humen & animal feed waste.         2019       CRYPTOSPORDIUM       0       0.00       0.00 Cysts/L       Lumen & animal feed waste.         2019       CRYPTOSPORDIUM       0       0.00       0.07 Cysts/L       Lumen & animal feed waste.         2019       CRYPTOSPORDIUM       0       0.00       0.07 Cysts/L       No       Soil round f         2019       Clary and the decidentes of the water cause by superiod particles.       Violation       Likely Source of Constrination         7000       Try Torial Standiant Construction       0.00 Cysts/L       No       Soil round f         7000       Try Torial Standiant Construction       Source of Construction       Source of Construction         7000       Chemical Level of Cysts/L       0.00       0.00       0.00       0.00       Source of Violato         7000       Chemical Level of Marching Level of Construction readuates the superindiant Construction readuates the superiod											
attacigene. By-products of dialineticiton include trihaiomethanes (TMM 8) & haloacetic acids (HAA) which are reported elsewhere in this report. * removal ratio is the percent of TOC regimened by TCES to be removed.           RVMTORSPRIDIUM A CALADIM         0         0-0         0         00 Cysta/L         Humen & animal feed wate.           2010         CHYPTORSPORDIDUM         0         0-0         00 Cysta/L         Violation         Likely Source of Constrinction           2018         Gardia         0         0-0         00 Cysta/L         Violation         Likely Source of Constrinction           2018         Gardia         0         0-0         0         0.00 Cysta/L         Violation         Likely Source of Constrinction           2018         Chyptorsponding limit         0.3 NTO         95.50%         No         Soil nunoff           2016         Chyptorsponding limit         0.3 NTO         95.50%         No         Soil nunoff           2018         Chorical Los d         Average Losel of Constrince         Constrince         No         Soil nunoff           2019         Chorical Los d         0         0         0.8         N8         ppm         Dialifectart.           2019         Chorical Los d         0.0         0         0.8         N8         ppm         Dialifectart. </td <td>attagens. By-products of aliainfaction include trihebonethanse (FMA) is haloacetic acids (HAA) which are reported elsewhere in this report. * removal ratio is the percent of TOC removed by the treatment process Were Seven of TOC removed by TCE to be removed. Seven or TOC removed by TCE to be removed. Seven nor thy percent of TOC removed by TCE to be removed. Seven nor thy percentage (% particle to the doubles of the water caused by suspended particles. We montor it because it is a good indicator of water quality and the effectiveness of our filtration. Seven nor thy percentage (% perce</td> <td></td>	attagens. By-products of aliainfaction include trihebonethanse (FMA) is haloacetic acids (HAA) which are reported elsewhere in this report. * removal ratio is the percent of TOC removed by the treatment process Were Seven of TOC removed by TCE to be removed. Seven or TOC removed by TCE to be removed. Seven nor thy percent of TOC removed by TCE to be removed. Seven nor thy percentage (% particle to the doubles of the water caused by suspended particles. We montor it because it is a good indicator of water quality and the effectiveness of our filtration. Seven nor thy percentage (% perce											
203       CRYPTOSPOORDUM       0	2019       GRYPTOSPOORDIUM       0	NOTE: Total organic (TOC) has no health effects. The disinfectant can combine with TOC to form deisinfection by-products. Disinfection is necessary to ensure that water does not have unacceptable levels of bathogens. By-products of disinfection include trihalomethanes (THM s) & haloacetic acids (HAA) which are reported elsewhere in this report. * removal ratio is the percent of TOC removed by the treatment process livided by the percent of TOC required by TCEQ to be removed. RYPTOSPRIDIUM & GIARDIA										
2016       Gardia       0       0-0       0 <t< td=""><td>20%       Gardia       0       0-0       <th< td=""><td></td><td colspan="8">0.19 CRYPTOSPOORDIUM 0 0-0 Oo Cvsts/L</td></th<></td></t<>	20%       Gardia       0       0-0       0 <th< td=""><td></td><td colspan="8">0.19 CRYPTOSPOORDIUM 0 0-0 Oo Cvsts/L</td></th<>		0.19 CRYPTOSPOORDIUM 0 0-0 Oo Cvsts/L									
Violation         Violation         Likely Source of Constmination           ighest single meating limit         0.97         No         Second Constmination           ighest single meating limit         0.97         No         Second Constmination           ighest single meating limit         0.97         No         Second Constmination           OTE: Turbidity is a measurement of the doubliness of the water caused by suspended particles. We montor it because it is a good indicator of water quality and the effectiveness of our filtration.           Advanced of Constmination           Advanced of Constmination           Advanced of Constmination           Advanced of Single Constmination           Variant Construction           Advanced of Constmination of Construction           Advanced of Construction         March March         March         Source of Constmination           Variant Construction         March         March         No         Source of Constmination           Variant Construction         Variant Construction          March         <	Idiation         Violation         Likely Source of Constmination           ightest single measurement         Violation         Likely Source of Constmination           ightest single meating limit         0.97         No         Source of Constmination           OPTE: Turbidity is a measurement of the doubliness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.           Average Lovel of Doublines of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.           Average Lovel of Doublines of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.           Average Lovel of Doublines of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.           Average Lovel of Doubline disidection we start is disidection for the double of 0         O Bood indicator of water quality and the effectiveness of our filtration.           Average Lovel of Doubline disidection residual web of 0.5 parts per million (ppm). Water systems disidection residual web of 0.2 parts per million (ppm). The 0.2 parts per m	2019	Giardia	0	0-0			-			Hur	man & animal fecal waste.
INTU       INTU </td <td>INTU       0.07       No       Solironoff         owest monthy percentage (%) meeting limt       0.3 NTU       0.07       No       Solironoff         OVEST TUPUIDING INTECTANT LEVEL         Year       Average Level of Quartery Data       Lowest result of Single       No       Solironoff         2019       Cherrical used       Average Level of Quartery Data       Lowest result of Single       Number of the double of the do</td> <td>URBIDIT</td> <td>Y</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	INTU       0.07       No       Solironoff         owest monthy percentage (%) meeting limt       0.3 NTU       0.07       No       Solironoff         OVEST TUPUIDING INTECTANT LEVEL         Year       Average Level of Quartery Data       Lowest result of Single       No       Solironoff         2019       Cherrical used       Average Level of Quartery Data       Lowest result of Single       Number of the double of the do	URBIDIT	Y									
Description       0.3 NTU       95.0%       No       Solit runoff         OTE: Turbidity is a measurement of the cloudines of the water caused by supereded particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.       Image: Cloudine of the cloudines of the water caused by supereded particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.         Year       Chemical used       Average Level of Quarterly Data       Lowest result of Single Sample       Highes Sample       MRDL NRDL SUPPONDED Single Sample       MRDL NRDL Suppondence       Units       Source of Chemical         2019       Chlorine Dioxide       0       0       0.42       1       N/A       ppm       Disinfectant.         2019       Chlorine Dioxide       0.04       0       0.42       1       N/A       ppm       Disinfectant.         2018       Chlorine Dioxide       0.04       0       0.42       1       N/A       ppm       Disinfectant.         2019       Chlorine Dioxide       0.04       0       0.42       1       N/A       ppm       Disinfectant.       Disinf	Devices monthly percentage (%) meeting limit       0.3 NTU       95.50%       No       Soil runoff         OTE: Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitore it because it is a good indicator of water quality and the effectiveness of our filtration.         Year       Chemical used       Average Level of Quarterly Data       Lowest result of Single Sample       Highest Sample       MRDL Result of Single Sample       MRDL Result of Single Sample       Units       Source of Chemical         2019       Chlorine Dioxide       0       0       0.42       1       N/A       ppm       Disinfectant.         2019       Chlorine Dioxide       0.04       0       0.42       1       N/A       ppm       Disinfectant.         2019       Chlorine Dioxide       0.04       0       0.42       1       N/A       ppm       Disinfectant.         2019       Chlorine arrequired to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). Tore systems disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result was and per million (ppm). The 0.21 ppm result						ique)				Violation	
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AXIMUM RESIDUAL DISINFECTANT LEVEL         Average Level of Quarterly Data         Lowest result of Single Sample         MRDL (Single Sample         Units         Source of Chemical           2019         Chlorine Dioxide         0         0         0         0.8         0.8         ppm         Disinfectant.           2019         Chlorine Chorite         0.04         0         0.42         1         N/A         ppm         Disinfectant.           2019         Chorite         0.04         0         0.5 parts per million (ppm) for systems disinfection residual level of 0.2 parts per million (ppm). Water systems using free chorine at required to maintain a minimum chorine disinfection residual level of 0.2 parts per million (ppm). The 0.2 tppm result was sampled during out remporary change in disinfectiner the other arreneminants including pesticides and herbicides         MCL         MCL         Wits         Violation Source of Contaminent contaminants including pesticides and herbicide         Medeet 0-0         So         So         ppb         No         Residue of barned herbicide.           2019         2,4-D         Levels lower than detect level         0-0         70         70         ppb<	AXIMUM RESIDUAL DISINFECTANT LEVEL         Average Level of Quarterly Data         Lowest result of Single Sample         MRDL Ningle Sample         MRDL Ningle         MRDL Ningle Sample         MRDL Nini											
Year       Chemical used       Average Level of Quarterly Data       Lowest result of Single Sample       MRDL Result of Single Sample       MRDL Result of Sample       MRDL Result of Sample       MRDL Result of Sample       MRDL Result of Single Sample       MRDL Result of Sample       MRDL Result of	Year       Chemical used       Average Level of Quarterly Data       Lowest result of Single Sample       Highest Riggle Sample       Highest Riggle Sample       Highest Riggle Sample       NRDL G Single Sample       Units       Source of Chemical         2019       Chorine Dioxide       0       0       0       0.88       0.88       0.88       9 pm       Disinfectant.         2019       Chorite       0.04       0       0.42       1       NA       ppm       Disinfectant.         2019       Chorite       0.04       0       0.42       1       NA       ppm       Disinfectant.         2019       Chorite       0.04       0       0.42       1       NA       ppm       Disinfectant.         2019       Chorite       0.04       0       0.42       1       NA       ppm       Disinfectant.         2019       Chorite       or temporary charge in disinfection residual level of 0.5 parts per million (ppm). Water systems using free chorine are required to maintains including presticides and herbicides       1       NL       NL       Vector systems disinfection residual level of 0.2 parts per million (ppm). The 0.2 tppm result was miniped Uniped	NOTE: Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.										
Image: Constraint of the straint o	Image: Constraint of the second s				Lowest result	of Single	Highest	MRDL	MRDLG	Units		Source of Chemical
2019       Chlorine Dioxide       0       0       0.8       0.8       0.8       ppm       Disinfectant.         2019       Chlorite       0.04       0.42       1       N/A       ppm       Disinfectant.         01c. Victors       0.04       0.04       0.42       1       N/A       ppm       Disinfectant.         01c. Victors       0.04 d parts per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine are required interaction residual vertex por million (ppm). Water systems using free chlorine are required interaction residual vertex per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). Water systems using free chlorine are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). The 0.21 ppm result was are required to and parts per million (ppm). The 0.21 ppm result was are required to and part (ppm). The 0.21 ppm result was are requ	2019       Chlorine Dioxide       0       0       0.8       0.8       0.8       ppm       Disinfectant.         2019       Chlorite       0.04       0       0.42       1       N/A       ppm       Disinfectant.         010: Velocities       0.04 parts per million (pm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual velocities are required to aprix per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual velocities are required to 0.2 parts per million (ppm). The 0.2 types per million (ppm). The 0.2 typ					÷	Result of					
Color       Color       0.04       0       0.42       1       N/A       ppm       Disinfectant.         Ote: Water providers are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in cluding pesticides and herbicides         Year       Synthetic organic contaminants including pesticides and herbicides       Hghest       Range       MCL       Units       Violation second contaminants including pesticides and herbicides.         2019       2.4.5-TP (Silvex)       Levels lower than detect level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2.4.5-TP (Silvex)       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       2.4.5-TP (Silvex)       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Alachlor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on ro	2019 2019Chorite0.0400.421N/AppmDisinfectant.019Chorite0.04 parts per million (ppm). Water systems using free chorine are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). Water systems using free chorine are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). Water systems using free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was annuel average chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was annuel during our temporary change in cluster from chloramines to free chlorine.MCLSMCLSUnitsViolationSource of Contaminent20192.4.5-TP (Silvex)Levels lower than detect level0-05050pphNoResidue of banned herbicide.20192.4.DLevels lower than detect level0-07070ppbNoRunoff from herbicide used on row crops.2019AlachorLevels lower than detect level0-002ppbNoRunoff from herbicide used on row crops.2019AldicarbLevels lower than detect level0-002ppbNoRunoff from herbicide used on row crops.2019AldicarbLevels lower than detect level0-002ppbNoRunoff from herbicide used on row crops.2019A	2010	Chlorine Dioxide	0	0			0.8	0.8	nnm	Disinfectant	
Construction       Construction <th< td=""><td>2019       Live 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 0.2 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine.         Year       Synthetic organic contaminatis including pesticides and herbicides       Highest       Range       MCL       MCLG       Units       Violatior Source of Contaminent         2019       2,4-D       Levels lower than detect level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<></td></th<>	2019       Live 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 0.2 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.5 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine are required to maintain a minimum chlorine disinfection residual level of 0.2 parts per million (ppm). The 0.21 ppm result was ampled during our temporary change in disinfectmat from chloramines to free chlorine.         Year       Synthetic organic contaminatis including pesticides and herbicides       Highest       Range       MCL       MCLG       Units       Violatior Source of Contaminent         2019       2,4-D       Levels lower than detect level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
contaminants including pesticides and herbicides         2019       2,4,5-TP (Silvex)       Levels lower than detect level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       2,4-D       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Alachlor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       3       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       3	contaminants including pesticides and herbicides         2019       2,4,5-TP (Silvex)       Levels lower than detect level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       2,4-D       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Alachlor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       3       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       3	lote:Wat evelbetwo	er providers are required to mai een 0.5 (ppm) and 4 parts per m	nillion (ppm). Water systems	s using free chlor	ine are requi	öpartsperi	million (pp	m) for sy	stems disinfectin	g with chloramine	
2019       2.4,5-1P (Slivex)       level       0-0       50       50       ppb       No       Residue of banned heroicide.         2019       2.4,5-1P (Slivex)       levels lower than detect level       0-0       70       70       ppb       No       Residue of banned heroicide.         2019       2.4-D       Levels lower than detect level       0-0       70       70       ppb       No       Residue of banned heroicide.         2019       Alachor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       3       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       3       4       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfoxide       Levels lower than detect       0-0       3       4       ppb       No       Runoff from herbicide used on row crops. <td>2019       2,4,5-1P (Silvex)       level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       Alachlor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       3       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfoxide       Levels lower than detect       0-0       3       4       ppb       No       Runoff from herbicide used on row crops.    <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>/iolatior</td><td>Source of Conta</td><td>minent</td><td></td></td>	2019       2,4,5-1P (Silvex)       level       0-0       50       50       ppb       No       Residue of banned herbicide.         2019       2,4-D       Levels lower than detect level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       Alachlor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       3       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfoxide       Levels lower than detect       0-0       3       4       ppb       No       Runoff from herbicide used on row crops. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/iolatior</td> <td>Source of Conta</td> <td>minent</td> <td></td>								/iolatior	Source of Conta	minent	
2019       2,4-D       level       0-0       70       70       ppb       No       Ruforf from herbicide used on row crops.         2019       Alachor       Levels lower than detect level       0-0       0       2       ppb       No       Rufoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Rufoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Rufoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Rufoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       3       4       npb       No       Rufoff from herbicide used on row crops.	2019       2,4-D       level       0-0       70       70       ppb       No       Runoff from herbicide used on row crops.         2019       Alachor       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.         2019       Aldicarb Sulfone       Levels lower than detect level       0-0       0       2       ppb       No       Runoff from herbicide used on row crops.	Year	contaminants including	Highest	Range	MCL	MCLG	Units	Violation			
2019     Alachor     Level     O-0     O     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb     Levels lower than detect level     O-0     O     3     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     O-0     O     3     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     O-0     O     2     ppb     No     Runoff from herbicide used on row crops.	2019     Alachor     Level     O-O     O     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb     Levels lower than detect level     O-O     O     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     O-O     O     3     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     O-O     O     2     ppb     No     Runoff from herbicide used on row crops.		contaminants including pesticides and herbicides	Levels lower than detect	-					Residue of banne	d herbicide.	
2019     Aldicarb     Levels lower than detect level     0-0     0     3     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     0-0     0     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     0-0     3     4     ppb     No     Runoff from herbicide used on row crops.	2019     Aldicarb     Levels lower than detect level     0-0     0     3     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     0-0     0     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfone     Levels lower than detect level     0-0     3     4     ppb     No     Runoff from herbicide used on row crops.	2019	contaminants including pesticides and herbicides 2,4,5-TP (Silvex)	Levels lower than detect level Levels lower than detect	0-0	50	50	ppb	No			w crops.
2019     Aldicarb Sulfone     Levels lower than detect level     0-0     0     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfoxide     Levels lower than detect     0-0     3     4     ppb     No     Runoff from herbicide used on row crops.	2019     Aldicarb Sulfone     Levels lower than detect level     0-0     0     2     ppb     No     Runoff from herbicide used on row crops.       2019     Aldicarb Sulfoxide     Levels lower than detect     0-0     3     4     ppb     No     Runoff from herbicide used on row crops.	2019 2019	contaminants including pesticides and herbicides 2,4,5-TP (Silvex) 2,4-D	Levels lower than detect level Levels lower than detect level Levels lower than detect	0-0	50 70	50 70	ppb ppb	No No	Runoff from herb	icide used on ro	· · · · · · · · · · · · · · · · · · ·
2019 Aldicarb Sulfoxide Levels lower than detect 0.0 3 4 ppb No Runoff from herbicide used on row crops,	2019 Aldicarb Sulfoxide Levels lower than detect 0-0 3 4 pph No Runoff from herbicide used on row crops.	2019 2019 2019	contaminants including pesticides and herbicides 2,4,5-TP (Silvex) 2,4-D Alachlor	Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect	0-0 0-0 0-0	50 70 0	50 70 2	ppb ppb ppb	No No No	Runoff from herb	icide used on ro	w crops.
	level	2019 2019 2019 2019 2019	contaminants including pesticides and herbicides 2,4,5-TP (Silvex) 2,4-D Alachlor Aldicarb	Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect level Levels lower than detect	0-0 0-0 0-0 0-0	50 70 0	50 70 2 3	ppb ppb ppb ppb	No No No	Runoff from herb Runoff from herb Runoff from herb	icide used on ro icide used on ro icide used on ro	w crops.

Year	Synthetic organic contaminants including pesticides and herbicides	Highest	Range	MCL	MCLG	Units	Violation	Source of Contaminent
2019	Aldicarb Sulfoxide	Levels lower than detect level	0-0 3 4 ppb		No	Runoff from herbicide used on row crops.		
2019	Atrazine	0.2	0.1-0.2	3	3	ppb	No	Runoff from herbicide used on row crops.
2019	Benzo (a) pyrene	Levels lower than detect level	0-0	0	200	ppt	No	Leaching from linings os water storage tanks and distribution lines
	Carbofuran	Levels lower than detect level	0-0	40	40	ppb	No	Leaching of soil fumigant used on rice and alfalfa
2019	Chlordane	Levels lower than detect level	0-0	0	2	ppb	No	Residue of banned termiticide
2019 2019	Dalapan Di (2-ethylhexyl) adipate	Levels lower than detect level	0-0	200 400	200 400	ppb ppb	No No	Runoff from herbicide used on rights of way. Discharge from chemical factories.
		Levels lower than detect level	0-0	0	6		No	Discharge from rubber and chemical factories.
2019	Di (2-ethylhexyl) phthalate					ppb		
2019	Dibromochlioropropane(DBCP)	Levels lower than detect level	0-0	0	200	ppt	No	Runoff/leaching from soil fumigantused on soybeans, cotton, pineapples, and orchards.
2019	Dinoseb	Levels lower than detect level	0-0	7	7	ppb	No	Runoff from herbicide used on soybeans and vegetables.
2019	Endrin	Levels lower than detect level	0-0	2	2	ppb	No	Residue of banned insecticide.
2019	Ethylene dibromide	Levels lower than detect level	0-0	0	50	ppt	No	Residue of banned termiticide.
2019	Heptachlor	Levels lower than detect level	0-0	0	400	ppt	No	Residue of banned termiticide.
2019	Heptachlor epoxide	Levels lower than detect level	0-0	0	200	ppt	No	Breakdown of heptachlor.
2019	Hexachlorobenzene	Levels lower than detect level	0-0	0	1	ppb	No	Dischartge from metal refineries and agricultural chemical factories.
2019	Hexachlorocyclopentadiene	Levels lower than detect level	0-0	50	50	ppb	No	Discharge from chemical factories.
2019	Lindane	Levels lower than detect level	0-0	200	200	ppt	No	Runoff/leaching from insecticide used on cattle, lumber, and gardens.
2019	Methoxychlor	Levels lower than detect level	0-0	40	40	ppb	No	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, and livestock.
2019	Oxamyl [Vydate]	Levels lower than detect level	0-0	200	200	ppb	No	Runoff/leaching from insecticide used on apples, potatoes, and tomatoes.
2019	Picloram	Levels lower than detect level	0-0	4	500	ppb	No	Herbicide runoff.
2019	Pentachlorophenol	Levels lower than detect level	0-0	0	1	ppb	No	Discharge from wood preserving factories.
2019	Simazine	0.33	0.32-0.33	4	4	ppb	No	Herbicide runoff.
2019	Toxaphene	Levels lower than detect level	0-0	0	3	ppb	No	Runoff/ leaching from insecticide used on cotton and cattle.
Year	Volatile Organic Contaments	Highest	Range	MCLG	MCL	Units	Violation	Source of Contaminent
2019	1,1,1-Trichloroethane	Levels lower than detect level	0-0	200	200	ppb	No	Discharge from metal degreasing sites and other factories.
2019	1,1,2-Trichloroethane	Levels lower than detect level	0-0	3	5	ppb	No	Discharge from industrial chemical factories.
2019	1,1-Dichloroethylene	Levels lower than detect level	0-0	7	7	ppb	No	Discharge from industrial chemical factories.
2019	1,2,4-Trichlorobenzene	Levels lower than detect level	0-0	70	70	ppb	No	Discharge from textile-finishing factories.
2019	1,2-Dichloroethane	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from industrial chemical factories.
2019	1,2-Dichloropropane	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from industrial chemical factories.
2019	Benzene	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from factories; leaching from gas starage tanks and landfills
2019	Carbon Tetrachloride	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from chemical plants and other industrial activities.
2019	Chlorobenzene	Levels lower than detect level	0-0	100	100	ppb	No	Dischartge from chemical and agricultural chemical factories.
2019	Dichloromethane	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from pharmceutical and chemical factories.
2019	Ethylbenzene	Levels lower than detect level	0-0	0	700	ppb	No	Discharge from petroleum refineries.
	Styrene	Levels lower than detect level	0-0	100	100	ppb	No	
2019								Discharge from rubber and plastic factories; leaching from landfills.
2019	Tetrachloroethylene	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from factories and dry cleaners.
2019	Toluene	Levels lower than detect level	0-0	1	1	ppm	No	Discharge from petroleum factories.
	Trichloroethylene	Levels lower than detect level	0-0	0	5	ppb	No	Discharge from metal degreasing sites and other factories.
2019	Vinyl Chloride	Levels lower than detect level	0-0	0	2	ppb	No	Leaching from PVC piping; discharge from plastic factories.
2019	Xylenes	Levels lower than detect level	0-0	10	10	ppm	No	Discharge from industrial chemical factories.
2019	cis-1,2-Dichloroethylene	Levels lower than detect level	0-0	70	70	ppb	No	Discharge from industrial chemical factories.
2019	o-Dichlorobenzene	Levels lower than detect level	0-0	600	600	ppb	No	Discharge from industrial chemical factories.
2019	p-Dichlorobenzene	Levels lower than detect level	0-0	75	75	ppb	No	Discharge from industrial chemical factories.
2019	trans-1,2-Dicholoroethylene	Levels lower than detect level	0-0	100	100	ppb	No	Discharge from industrial chemical factories.
	ary and Other Constituents Not Regulat				D. i. i			
Year	Contaminants	Highest Level Detected	Range	of Level 0-0	s Detected	d	Units	Likely Source of Contamination Erosion of natural deposits.
	Aluminum Calcium	Levels lower than detect level 60.7		60.6-6			ppm ppm	Abundant naturally occuring element.
								Abundant naturally occuring element; used in water purification; by-product of oil field
2019	Chloride	65.3	11.6-65.3		ppm	activity.		
2019	Iron	Levels lower than detect level	0.0-0.0		ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.		
2019	Magnesium	4.47		4.39-4	.47		ppm	Abundant naturally occurring element.
2019	Manganese	0.0048	0.0046-0.0048		ppm	Abundant naturally occurring element.		
2019	Nickel	0.0051	C	.0049-0	.0051		ppm	Erosion of natural deposits.
2019	pН	8.65		7.94-8	.65		ppm	Measure of corrosivity of water.
2019	Silver	Levels lower than detect level		0-0			ppm	Erosion of natural deposits.
2019	Sodium	40		39.8-4	0.0		ppm	Erosion of natural deposits; by-product of oil field activity.
2019	Sulfate	132		34.8-1	32		ppm	Naturally occuring; common industrial by product; by-product of oil field activity.
2019	Total Alkalinity as CaCO3	119		81-11	9		ppm	Naturally occuring soluble mineral salts.
2019	Total Dissolved Solids	534		250-5	34		ppm	Total dissolved mineral constituents in water.
2019	Total Hardness as CaCO3	191		114-19	91		ppm	Naturally occuring calcium.
2019	Zinc	Levels lower than detect level		0-0			ppm	Moderately abundant naturally occuring element used in the metal industry.

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