NOTICE OF 2021

CCR AVAILABILTY

PARKER WATER SUPPLY

HAS COMPLETED THE 2021 CONSUMER

CONFIDENCE REPORT. THIS REPORT IS

AVAILABLE AT OUR OFFICE AT 7001 C.R. 1200

TO OUR CUSTOMERS. OFFICE HOURS ARE

MONDAY-FRIDAY 8-5

OR CALL 817-373-2666 TO REQUEST A COPY OR

VIEW AT https://parkerwsc.com/ccr1.

Larry Brinkley

Operations Manger

2021 Consumer Confidence Report for Public Water System PARKER WSC

This is your water quality report for January 1 to December 31, 2021

PARKER WSC provides Purchased Surface Water from **Files Valley** water plant, ground water from Trinity **aquifer** located in **Hill County**

For more information regarding this report contact:

Name Parker Water Supply Corporation

Phone 817-373-2666

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (817) 373-2666.

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
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.
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 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.
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.
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 goal 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)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion
ppm:	milligrams per liter or parts per million
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

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.

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.

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 (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We 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

PARKER WSC purchases water from FILES VALLEY WSC. FILES VALLEY WSC provides purchase surface water from Aquilla WSD. Aquilla WSD provides purchase surface water from Aquilla Lake located in Hill County.

TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact Larry Brinkley at 817-373-2666.

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2021	1.3	1.3	0.11	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2021	0	15	2.1	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

2021 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2021	11	4.3 - 19.6	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2021	20	9.42 - 43.8	No goal for the total	80	ppb	N	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

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	04/17/2019	0.049	0.049 - 0.049	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.

Fluoride	08/13/2020	0.358	0.358 - 0.358	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2021	1	0.151 - 0.506	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrite [measured as Nitrogen]	2021	0.226	0 - 0.226	1	1	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Individual Samples**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Combined Radium 226/228	2021	1.5	1.5 - 1.5	0	5	pCi/L	N	Erosion of natural deposits.

Synthetic organic contaminants including pesticides and herbicides	**Collection Date**	**Highest Level Detected**	**Range of Individual Samples**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Atrazine	2021	0.1	0.1 - 0.1	3	3	ppb	N	Runoff from herbicide used on row crops.

Volatile Organic Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Individual Samples**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Xylenes	2021	0.00086	0 - 0.00086	10	10	ppm	N	Discharge from petroleum factories; Discharge from chemical factories.

Disinfectant Residual

A blank disinfectant residual table has been added to the CCR template, you will need to add data to the fields. Your data can be taken off the Disinfectant Level Quarterly Operating Reports (DLQOR).

Disinfectant Residual	**Year**	**Average Level**	**Range of Levels Detected**	**MRDL**	**MRDLG**	**Unit of Measure**	**Violation (Y/N)**	**Source in Drinking Water**
Chloramines	2021	1.35	.50-2.40	4	4	ppm	ppm	Water additive used to control microbes.

2021 Consumer Confidence Report for Public Water System FILES VALLEY WSC

This is your water quality report for January 1 to December 31, 2021

For more information regarding this report contact:

FILES VALLEY WSC provides surface water from **Aquilla WSD. AQUILLA WSD provides purchase surface water from Aquilla Lake** located in H**ill County**.

Name Tommy Bradley

Phone: (254) 687-2331 Ext. 3315

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (254) 687-2331 Ext.2211

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Public Participation Opportunities

Date: August 2, 2022

Time: 6:30 pm

Location: HILCO Electric Cooperative, Inc., 115 E. Main Street, Itasca, TX 76055

Information about Source Water

FILES VALLEY WSC purchases water from AQUILLA WSD. AQUILLA WSD provides purchase ground water from AQUILLA LAKE located in Hill County.

Turbidity

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 system and disinfectants. Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

Year 2021	Level Detected	Limit (Treatment Technique)	Violation	Likely Source of Contamination
Highest single measurement	0.19 NTU	1 NTU	N	Soil runoff.
Lowest monthly % meeting limit	100%	0.3 NTU	N	Soil runoff.

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination.
Barium	2021	0.044	0.044 - 0.044	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2021	0.3	0.303 - 0.303	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2021	0.179	0.179 - 0.179	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Synthetic organic contaminants including pesticides and herbicides	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Atrazine	2021	1	0.2 - 0.7	3	3	ppb	N	Runoff from herbicide used on row crops.

No source Water Assessment for your drinking water source(s) has been conducted be the TCEQ for your water system. The report describes the susceptibility and the types of constituents that may come into contact with your drinking water source based on human activities and natural conditions. The information in this assessment allows us to focus our source water protection strategies.

Water System Detail Information

Water System No.:	TX1090035	Federal Type:	C
FILES VALLEY	FILES VALLEY WSC	Federal Source:	SWP
Principal County Served:	HILL	System Status:	A
Principal City Served:		Activity Date:	01-01-1913

PBCU Sample Summary Results

MP Begin Date	Type	# Samples	Measure	Units	Analyte Code/Name	Last Sample Date
01-01-2018 12-31-2020	AL	0 Exceeding Action Level			CU90 - COPPER SUMMARY	
01-01-2018 12-31-2020	90%	10	0.23	MG/L	CU90 - COPPER SUMMARY	08-25-2020
01-01-2018 12-31-2020	AL	0 Exceeding Action Level			PB90 - LEAD SUMMARY	
01-01-2018 12-31-2020	90%	10	0.0012	MG/L	PB90 - LEAD SUMMARY	08-25-2020
01-01-2015 12-31-2017	AL	0 Exceeding Action Level			CU90 - COPPER SUMMARY	
01-01-2015 12-31-2017	90%	10	0.076	MG/L	CU90 - COPPER SUMMARY	8-17-2017
01-01-2015 12-31-2017	AL	0 Exceeding Action Level			PB90 - LEAD SUMMARY	
01-01-2015 12-31-2017	90%	10	0	MG/L	PB90 - LEAD SUMMARY	08-17-2017
01-01-2012 12-31-2014	90%	10	0.038	MG/L	CU90 - COPPER SUMMARY	09-11-2014
01-01-2012 12-31-2014	AL	0 Exceeding Action Level			CU90 - COPPER SUMMARY	
01-01-2012 12-31-2014	AL	0 Exceeding Action Level			PB90 - LEAD SUMMARY	
01-01-2012 12-31-2014	90%	10	0	MG/L	PB90 - LEAD SUMMARY	09-11-2014
01-01-2003 12-31-2011	AL	0 Exceeding Action Level			CU90 - COPPER SUMMARY	

01-01-2003 12-31-2011	AL	10	0.0862	MG/L	CU90 – COPPER SUMMARY	09-27-2011
01-01-2003 12-31-2011	90%	10	0	MG/L	PB90 - LEAD SUMMARY	09-27-2011
01-01-2003 12-31-2011	AL	0 Exceeding Action Level			PB90 - LEAD SUMMARY	

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	08/25/2020	1.3	1.3	0.23	0	ppm	N	Erosion of natural deposits; Leaching from Wood preservatives; Corrosion of household Plumbing systems.
Lead	08/25/2020	0	15	1.2	0	ppm	N	Corrosion of household Plumbing systems; Erosion of natural deposits.

2021 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2021	20	12.3 - 31.8	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2021	11	5.79 - 16.7	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Nitrate (measured as Nitrogen)	2021	1	1.16 - 1.116	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chloramines	2021	1.69	1.2-2.7	4	4	mg/L	ppm	Water additive used to control microbes.