

Annual Water Quality Report
Detected Sample Results (Water Quality Table)
KILLIAM TRACT RESIDENCES
PWSID # 2520073
January 1, 2021 to December 31, 2021

Disinfection

Contaminant/ Unit of Measure	Annual Monthly Average	Highest Monthly Average	Lowest Monthly Average	Compliance Achieved	MRDL Allowed
Chlorine, mg/L	N/R	N/R	N/R		4.0

Radioactive Contaminants

Contaminant/ Unit of Measure	Date Tested	Violation Yes/No	EP 101 Level Detected	MCL	MCLG (Goal)	Source of Contamination
Gross Alpha, pCi/L	12/19/2016	No	2.53	15	<15	Erosion of natural deposits
Radium-226, pCi/L	12/19/2016	No	N/D	<5	<5	Erosion of natural deposits
Radium-228, pCi/L	12/19/2016	No	N/D	<5	<5	Erosion of natural deposits
Uranium, pCi/L	12/19/2016	No	N/D	30,000	<30,000	Erosion of natural deposits

InOrganic Chemicals

Contaminant/ Unit of Measure	Date Tested	Violation Yes/No	Level Detected		MCL mg/L	MCLG (Goal)	Source of Contamination
			E.P. 101				
Barium	12/9/2021	No	0.015		2	<2	Erosion of natural deposits.
Nickel, mg/L	12/9/2021	No	N/D				Discharge of drilling wastes and refineries.
Nitrate mg/L	9/7/2021	No	<1.0		10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	9/7/2021	No	N/D		1		
Arsenic (IOC), mg/L	12/9/2021	No	N/D		0.01	<.01	

**Nitrate and Arsenic (IOC) Samples Taken at ENTRY POINT

Lead and Copper Rule Compliance Monitoring

Contaminant/Unit of Measure	Date Tested	Action Level	MCLG	Level Detected	Number of Sites above A.L.	Violation	Likely Source of Contamination
Copper/ppm	Not Required Until Construction Finished	1	<1.0		0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	Not Required Until Construction Finished	1.3	<1.0		0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits

21 VOLATILE ORGANIC CONTAMINANTS (VOC'S) WERE NOT DETECTED IN 2019

INORGANIC CHEMICALS (IOC'S) WERE NOT DETECTED IN 2021

LEAD & COPPER SAMPLES ARE NOT REQUIRED UNTIL CONSTRUCTION IS FINISHED