

Annual Water Quality Report
Detected Sample Results (Water Quality Table)
KILLIAM TRACT RESIDENCES
PWSID # 2520073
January 1, 2018 to December 31, 2018

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	9/17/2018	No	0.015		2	<2	Erosion of natural deposits.
Nickel, mg/L	9/17/2018	No	N/D				Discharge of drilling wastes and refineries.
Nitrate, mg/L	11/14/2018	No	0.31		10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	11/14/2018	No	N/D		1		
Arsenic (IOC), mg/L	9/17/2018	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

SAMPLES FOR 21 VOLATILE ORGANIC CONTAMINANTS (VOC'S) WERE NOT DETECTED IN 2016

SAMPLES FOR INORGANIC CHEMICALS (IOC'S) WERE NOT DETECTED IN 2018