

Annual Water Quality Report
Detected Sample Results (Water Quality Table)
PINE GROVE ESTATES
PWSID # 2640049
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	1.47	1.97	0.97	Yes	4.0

Radioactive Contaminants

Contaminant/ Unit of Measure	Date Tested	Violation Yes/No	ENTRY POINTS 101/102/103/104 Level Detected		MCL	MCLG (Goal)	Source of Contamination
Gross Alpha, pCi/L	12/19/2016	No	21.6	3.37 / ND / 7.47	15	<15	Erosion of natural deposits
Radium-226, pCi/L	12/19/2016	No	ND	ND / ND / ND	<5	<5	Erosion of natural deposits
Radium-228, pCi/L	12/19/2016	No	ND	ND / ND / 1.18	<5	<5	Erosion of natural deposits
Uranium, pCi/L	12/19/2016	No	3.1	ND / ND / 3.2	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
			ENTRY POINTS 101, 102, 103, 104				
Barium, mg/L	12/8/2021	No	0.24	0.25 / 0.072 / ND	2	<2	Erosion of natural deposits. Discharge of drilling wastes and refineries.
Nickel, mg/L	12/8/2021	No	N/D	ND / ND / ND			
Nitrate, mg/L	9/8/2021	No	<1.0	<1.0 / 1.01 / <1.0	10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	9/8/2021	No	<0.05	<0.05 / <0.05 / <0.05	1		
Arsenic (IOC), mg/L	12/8/2021	No	0.004	0.004 / ND / ND	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	9/14/2019	1	<1.0	N/D	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	9/14/2019	1.3	<1.0	N/D	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits

Trihalomethanes/HaloAcetic Acids

Contaminant Unit of Measure	Date Tested	Level Detected		Violation Yes/No	MCL mg/L
		SITE'S 701, 702, 703, 704			
Trihalomethanes	12/18/2021	ND	ND / ND / ND	No	0.08
Haloacetic Acids	12/18/2021	ND	ND / ND / ND	No	0.06

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

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