

# Annual Water Quality Report

## Detected Sample Results (Water Quality Table)

### WOODLYN RESIDENCES

PWSID # 2640055

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	0.97	1.22	0.88	Yes	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	8.04	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	11/20/2013	No	7.61	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, mg/L	9/8/2018	No	0.18		2	<2	Erosion of natural deposits. Discharge of drilling wastes and refineries.
Nickel, mg/L	9/8/2018	No	N/D				
Nitrate, mg/L	12/13/2018	No	2.17		10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	12/13/2018	No	N/D		1		
Arsenic (IOC), mg/L	9/8/2018	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	6/29/2018	1.3	0	0.11	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	6/29/2018	0.015	0	<0.005	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 701			
Trihalomethanes	9/27/2016	N/D		No	0.08
Haloacetic Acids	9/19/2016	N/D		No	0.06

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

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

**DEP ISSUED A VIOLATION 5/23/18 FOR FAILURE TO MONITOR/REPORT EP DISINFECTANT RESIDUAL (CHLORINE) FOR GROUND WATER RULE (GWR)**