

**Annual Water Quality Report**  
**Detected Sample Results (Water Quality Table)**  
**PORT FLORENCE**  
**PWSID # 2640015**  
**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	0.74	1.5	0.48	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	1/1/2012	No	0.2	15	<15	Erosion of natural deposits
Radium-226, pCi/L	1/1/2012	No	N/D	<5	<5	Erosion of natural deposits
Radium-228, pCi/L	1/1/2012	No	N/D	<5	<5	Erosion of natural deposits
Uranium, pCi/L	3/3/2016	No	<1.0	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 POINT 103				
Barium, mg/L	9/18/2018	No	0.016		2	<2	Erosion of natural deposits. Discharge of drilling wastes and refineries.
Nickel, mg/L	9/18/2018	No	N/D				
Nitrate mg/L	12/20/2018	No	N/D		10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	12/20/2018	No	N/D		1		
Arsenic (IOC), mg/L	9/18/2018	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	9/20/2016	1	<1.0	<1.0	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	9/20/2016	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	9/17/2015	<0.08		No	0.08
Haloacetic Acids	9/17/2015	<0.06		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**