

Annual Water Quality Report
Detected Sample Results (Water Quality Table)
RYAN HILL DEVELOPMENT
PWSID # 2640050
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	0.89	1.01	0.72	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	12/14/2016	No	1.09	15	<15	Erosion of natural deposits
Radium-226, pCi/L	12/14/2016	No	N/D	<5	<5	Erosion of natural deposits
Radium-228, pCi/L	12/14/2016	No	N/D	<5	<5	Erosion of natural deposits
Uranium, pCi/L	9/11/2013	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
			E.P. 101				
Barium, mg/L	9/18/2018	No	0.095		2	<2	Erosion of natural deposits.
Nickel, mg/L	9/18/2018	No	N/D				Discharge of drilling wastes and refineries.
Nitrate, mg/L	6/22/2018	No	1.03		10	<10	Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits.
Nitrite, mg/L	6/22/2018	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	8/11/2016	1	<1.0	0.109	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	8/11/2016	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 701			
Trihalomethanes	9/17/2015	N/D		No	0.08
Haloacetic Acids	9/17/2015	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