

**Annual Water Quality Report**  
**Detected Sample Results (Water Quality Table)**  
**HAPPY ACRES DEVELOPMENT**  
**PWSID # 2350039**  
**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	1.65	2.32	1.01	Yes	4.0

**Radioactive Contaminants**

Contaminant/ Unit of Measure	Date Tested	Violation Yes/No	ENTRY POINTS		MCL	MCLG (Goal)	Source of Contamination
			100	101			
Gross Alpha, pCi/L	12/14/2016	No	1.75	2.31	15	<15	Erosion of natural deposits
Radium-226, pCi/L	12/14/2016	No	N/D	N/D	<5	<5	Erosion of natural deposits
Radium-228, pCi/L	12/14/2016	No	N/D	N/D	<5	<5	Erosion of natural deposits
Uranium, pCi/L	12/26/2013	No	0.864		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. 100	E.P. 101			
Barium, mg/L	6/12/2018	No	0.051	0.375	2	<2	Erosion of natural deposits.
Nickel, mg/L	12/11/2015	No	N/D	N/D			Discharge of drilling wastes and refineries.
Nitrate, mg/L	6/12/2018	No	1.85	0	10		Runoff from fertilizer; leaching
Nitrite, mg/L	6/12/2018	No	N/D	N/D	1	<10	from septic tanks; erosion of
Arsenic (IOC), mg/L	6/12/2018	No	N/D	0.003	0.01	<.01	natural deposits.
**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	0.015	<1.0	0.185	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits
Lead/ppm	9/20/2016	1.3	<1.0	0.0075	0 out of 5	None	Corrosion of household plumbing systems, erosion of natural deposits

**Trihalomethanes/HaloAcetic Acids**

Contaminant Unit of Measure	Date Tested	Violation Yes/No	Level Detected		MCL mg/L
			SITE 701	SITE 702	
Trihalomethanes	9/18/2018	No	ND	5.3	0.8
Haloacetic Acids	9/18/2018	No	ND	ND	0.06

**SAMPLES FOR 21 VOLATILE ORGANIC CONTAMINANTS (VOC'S) WERE NOT DETECTED IN 2018**

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