

Water Quality Data for WSWA System 45014

	MCLG or MRDLG	MCL, TT, MRDL or AL	WSWA Water	Sample Date	Violation or # of samples exceeding AL	Typical Source of Contaminant
Microbiological Contaminants						
Total Coliform Positive samples	0	0	0	2019 one/month	No	Present in the environment
Inorganic Contaminants						
Nitrate (ppm)	10	10	ND	9/16/2019	No	Runoff from fertilizer use; Leaching from septic tanks; Erosion from natural deposits NEXT DUE 9/2020
TTHM - action level at highest concentration end of distribution	N/A	80ug/L of Annual average	30.0 ug/L	12/17/2019	0	Pathogens, such as Giardia, Cryptosporidium, and viruses, are often found in source water and can cause gastrointestinal illness. Illnesses include diarrhea, vomiting, cramps and other health risks. In many cases, water needs to be disinfected to inactivate (or kill) these microbial pathogens. However, disinfectants can react with naturally-occurring materials in the water to form byproducts including: Trihalomethanes (THM), Haloacetic acids (HAA), NEXT DUE 2020
HAA5 - action level at highest concentration end of distribution	N/A	60ug/L of annual average	4ug/L	12/17/2019	0	Byproduct of drinking water disinfection NEXT DUE 2020
Radioactive Contaminants						
Radium 228 (pCi/L)	0	0	0.300	2017	No	Natural deposits NEXT DUE 2020-2025
Gross Alpha (pCi/L)	0	15	.268	2017	No	Natural deposits NEXT DUE 2020-2025

Other Samples Taken in 2019

Iron	N/A	0.3 mg/L	ND	12/17/2019	NO	rusty color; sediment; metallic taste; reddish or orange staining
Manganese	N/A	0.05 mg/L	ND	12/17/2019	NO	black to brown color; black staining; bitter metallic taste

Violations and Exceedences