

2019 NETTLES ISLAND WATER QUALITY REPORT

PWS 4565198

Attached is a copy of the Annual Water Quality Report from Fort Pierce Utility Authority (FPUA), which supplies water to Nettles Island. In addition to the testing done by FPUA, we test within our distribution system for coliform bacteria, lead, copper, disinfectant residual and disinfection byproducts. No coliform bacteria were detected in samples collected from the system in 2019. The following table shows the results for the most recent lead and copper and disinfectant residual testing.

If you have any questions, please call Bill Harkins at 772-229-2930.

Stage 2 Disinfectants and Disinfection By-Products							
If during 2019 the system had only annual or triennial results and all of these results were at or below the MCL, report the highest result as the level detected and the range of individual sample results as the range of results.							
Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL Violation (Y/N)	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Haloacetic Acids (HAA5) (ppb)	10-16-19	N	44.0	43.9 – 44.0	N/A	60	By-product of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	10-16-19	N	24.1	23.6 – 24.1	N/A	80	By-product of drinking water disinfection
Chlorine and Chloramines (ppm)	1 – 12, 2019	N	1.9	0.5 – 2.1	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	AL Exceeded (Y/N)	90th Percentile Result	No. of sampling sites exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Lead and Copper							
Copper (tap water) (ppm)	9 - 2018	N	0.0459	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	9 - 2018	N	1.5	0	0	15	Corrosion of household plumbing systems; erosion of natural deposits

Inorganic Contaminants							
Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL Violation (Y/N)	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Nitrate (as Nitrogen) (ppm)	12/2019	N	0.260	N/A	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm)	12/2019	N	0.203	N/A	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits