

Water Sample Test Comparison / Mississippi County Well # 1										
Nutrients	CWA									
		Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021	Oct. 2021
PH		6.8	7.18	7.03	6.78	6.6	6.6	6.8	6.6	6.51
NH4N ppm	2.00 ppm	1.3	0.2	0.2	0.4					
NH3N ppm						0.24	0.14	0.64	0.65	0.19
N03N ppm	10.00ppm	3.7	4.1	4.5	6.6	2.76	2.29	1.84	1.49	1.54
Phosphrous	1.00ppm	0.15	0.2	0.1	0.2	0.01	0.01	0.07		0.01
Potassium		3	1.45	1	2	2.9	2.6	2.9	2.4	2.75
Calcium		13	20	17	18	13.1	12	15.4	12.8	12.59
Magnesium		4	4.85	4	5	4	2.8	4.9	4.4	4.01
SO4-S		1	18.12	1.4	1.6	1.8	4.6	1.65	2.5	4.17
Arsenic-Ar							<.001	<0.0010		

CWA = Clean Water Act Threshold

May 2022	Oct. 2022	May 2023	Oct. 2023
6.78	6.77	6.47	6.9
0.90	0.04	0.9	0.91
0.01	2.09	0.02	3.51
0.25	0.02	0.01	0.01
2.30	4.20	0.8	2.3
13.61	13.20	56.1	11.9
4.63	4.00	16.7	4.1
15.51	3.10	10.1	3.8