

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		

Water Sample Test Comparison/Mississippi County Well #1

Nutrients	CWA									
		May 2022	Oct. 2022	May 2023	Oct. 2023	May 2024	Oct. 2024	May 2025	Oct. 2025	May 2026
PH		6.78	6.77	6.47	6.9	7.59	6.73	7.47	8.06	7.22
NH4N ppm										
NH3N ppm		0.90	0.04	0.9	0.91	1.42	0.15	2.33	0.48	0.94
N03N ppm		0.01	2.09	0.02	3.51	1.77	1.6	0.53	1.30	0.01
Phosphrous		0.25	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Potassium		2.30	4.20	0.8	2.3	2.11	2.05	2.61	2.33	2.14
Calcium		13.61	13.20	56.1	11.9	12.94	12.63	10.95	11.82	10.68
Magnesium		4.63	4.00	16.7	4.1	4.66	4.8	3.51	3.97	3.53
SO4-S		15.51	3.10	10.1	3.8	7.46	5.71	3.66	3.68	3.45
Arsenic-Ar										

CWA = Clean Water Act Threshold