

Water Sample Test Comparison/Mississippi County Well #3

Nutrients	CWA						
		May. 2020	Oct. 2020	May. 2021	Oct. 2021	May 2022	Oct. 2022
PH		7.2	7.5	7.2	7.11	7.41	7.14
NH4N ppm	2.00 ppm						
NH3N ppm		0.15	0.88	0.95	0.35	1.65	0.14
NO3N ppm	10.00ppm	2.86	1.15	8.61	0.01	0.15	0.19
Phosphrous	1.00ppm	0.01	0.01		0.01	0.25	0.09
Potassium		2.8	2.7	1.8	3.12	2.25	2.90
Calcium		68.5	70.4	58.9	59.02	57.41	60.60
Magnesium		11.9	20.5	23	18	20.94	18.20
SO4-S		12.2	4.05	7	9.85	28.29	7.50
Arsenic-Ar		0.0012	0.001				

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Nutrients	CWA						
		May 2023	Oct. 2023	May 2024	Oct. 2024	May 2025	Oct. 2025
PH		5.74	7.14	7.46	7.58	7.45	8.45
NH4N ppm							
NH3N ppm		0.5	0.97	1.39	0.12	2.47	0.57
NO3N ppm		10.1	1.63	3.34	2.37	4.78	0.01
Phosphrous		0.01	0.01	0.01	0.01	0.01	0.03
Potassium		2.3	5.8	2.14	2.09	2.26	2.12
Calcium		23.8	110.9	51.45	48.82	49.90	50.66
Magnesium		6	30.9	22.2	21.73	25.98	23.64
SO4-S		6	11.7	15.23	11.16	7.10	6.94
Arsenic-Ar							

Water Sample Test Comparison/Mississippi County Well #3

Nutrients	CWA						
		May 2026					
PH		7.01					
NH4N ppm							
NH3N ppm		0.8					
N03N ppm		6.03					
Phosphrous		0.07					
Potassium		2.19					
Calcium		39.04					
Magnesium		17.35					
SO4-S		6.31					
Arsenic-Ar							

CWA = Clean Water Act Threshold