

Water Sample Test Comparison/Pemiscot County Well #3

Nutrients	CWA						
		May. 2020	Oct. 2020	May. 2021	Oct. 2021	May 2022	Oct. 2022
PH		6.4	7.2	7.1	6.92	7.34	7.00
NH4N ppm	2.00 ppm						
NH3N ppm		0.6	1.33	0.91	0.24	1.82	0.20
NO3N ppm	10.00ppm	0.53	0.1	0.76	0.1	0.01	0.31
Phosphrous	1.00ppm	0.01	0.01		0.01	0.25	0.06
Potassium		2.7	2.3	1.6	2.29	2.55	3.90
Calcium		47.6	119.5	94.1	103.34	78.00	133.40
Magnesium		16	32.3	27.4	28.4	20.90	41.30
SO4-S		11.7	2.2	4.7	4.81	20.64	2.10
Arsenic-Ar		0.0072	0.0017				

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Nutrients	CWA						
		May 2023	Oct. 2023	May 2024	Oct. 2024	May 2025	Oct. 2025
PH		6.78	7.2	7.24	7.35	7.36	8.42
NH4N ppm							
NH3N ppm		0.6	0.78	1.44	0.21	2.38	0.67
NO3N ppm		1.32	1.68	0.38	0.29	0.64	0.01
Phosphrous		0.01	0.01	0.01	0.01	0.01	0.01
Potassium		1.9	1.8	2.5	2.07	2.66	2.41
Calcium		77.3	82.3	85.65	87.77	76.22	91.58
Magnesium		19.6	24.6	25.56	27.24	23.44	27.17
SO4-S		5.1	4.9	8.66	6	4.93	4.45
Arsenic-Ar							

Water Sample Test Comparison/Pemiscot County Well #3

Nutrients	CWA						
		May 2026					
PH		7.32					
NH4N ppm							
NH3N ppm		0.33					
N03N ppm		0.01					
Phosphrous		0.01					
Potassium		2.45					
Calcium		84.73					
Magnesium		24.59					
SO4-S		4.05					
Arsenic-Ar							

CWA = Clean Water Act Threshold