

Water Sample Test Comparison/New Madrid County Well #4

Nutrients	CWA							
		May. 2020	Oct. 2020	May. 2021	Oct. 2021	May 2022	Oct. 2022	May 2023
PH		6.2	6.5	6.2	6.12	6.47	6.27	6.27
NH4N ppm	2.00 ppm							
NH3N ppm		0.12	1.1	1.58	0.12	1.11	0.33	0.47
N03N ppm	10.00ppm	10.87	10.77	14.43	12.15	0.30	6.86	8.92
Phosphrous	1.00ppm	0.01	0.07		0.01	0.25	0.01	0.01
Potassium		4.6	5.6	4.4	4.53	4.90	4.50	3.8
Calcium		38.9	39	39.9	31.55	31.92	31.00	33.6
Magnesium		10.9	14.5	16	12.27	12.09	11.00	11.3
SO4-S		12.8	4.75	11.3	12.6	45.90	9.80	11.7
Arsenic-Ar		0.001	<0.0010					

Water Sample Test Comparison/New Madrid County Well #4

Nutrients	CWA							
		Oct. 2023	May 2024	Oct. 2024	May 2025	Oct. 2025	May 2026	
PH		6.46	6.86	6.87	6.88	6.71	6.84	
NH4N ppm								
NH3N ppm		1.02	1.37	0.07	2.55	0.36	0.92	
N03N ppm		6.33	6.16	3.21	0.42	0.39	8.13	
Phosphrous		0.01	0.01	0.01	0.01	0.01	0.01	
Potassium		3.7	3.76	4.05	5.17	6.51	5.66	
Calcium		27.4	31.39	25.35	27.06	25.73	31.74	
Magnesium		11	12.64	10.98	11.40	10.75	12.72	
SO4-S		10.4	20.78	13.38	8.79	6.93	8.21	
Arsenic-Ar								

CWA = Clean Water Act Threshold