

Water Samples Test Comparison / New Madrid County Well # 1

Nutrients	CWA									
		Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021	Oct. 2021
PH		6.7	7.35	6.79	6.88	6.6	6.6	6.9	6.53	6.51
NH4N ppm	2.00 ppm	1	0.1	4.9	0.3					
NH3N ppm						0.47	0.33	1.07	0.94	0.37
N03N ppm	10.00ppm	1.2	1.3	0.9	3.6	0.4	0.24	0.42	0.11	0.2
Phosphrous	1.00ppm	0.1	0.05	0.05	0.2	0.01	0.01	0.01		0.01
Potassium		2	0.55	1	1	1.5	1.4	1.5	1.2	1.68
Calcium		51	55	61	64	56.1	69.7	72.1	76.6	63.8
Magnesium		18	17.2	22	23	18.7	17	24.6	28.9	22.56
SO4-S		11	10.04	26.1	18.2	9.75	29.95	13	31.8	36.38
Arsenic-Ar							0.0027	0.0031		

Water Samples Test Comparison/New Madrid County Well #1

Nutrients	CWA									
		May 2022	Oct. 2022	May 2023	Oct. 2023	May 2024	Oct. 2024	May 2025	Oct. 2025	May 2026
PH		6.76	6.58	6.39	6.77	6.84	7.11	7.01	8.22	6.93
NH4N ppm										
NH3N ppm		1.58	0.53	0.66	1.44	1.52	0.40	2.33	0.50	0.52
N03N ppm		0.01	0.27	0.05	0.18	0.37	0.28	0.90	0.01	0.01
Phosphrous		0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03
Potassium		4.82	1.90	1.3	1	1.35	1.51	1.71	1.44	2.21
Calcium		63.17	72.40	60.9	54.6	66.14	59.71	60.82	61.95	68.81
Magnesium		21.25	23.20	18.9	19.9	24.45	23.67	24.60	23.85	25.81
SO4-S		101.37	31.00	30.3	24.3	71.76	44.51	30.23	25.68	28.24
Arsenic-Ar										

CWA = Clean Water Act Threshold