

Water Sample Test Comparison / New Madrid County Well # 2									
Nutrients	CWA								
		Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021
PH		6.5	7.41	6.51	6.41	6.3	6.3	6.6	6.27
NH4N ppm	2.00 ppm	2.8	0.1	2	0.2				
NH3N ppm						0.43	0.17	1.09	2.57
N03N ppm	10.00ppm	2.4	12.3	2.9	16.2	2.57	5.49	2.95	6.77
Phosphrous	1.00ppm	0.05	0.1	0.05	0.1	0.01	0.01	0.01	
Potassium		1	1.25	1	2	2.7	2.2	2.6	2.4
Calcium		47	55.5	43	40	43.5	38.2	44.2	42
Magnesium		23	22.9	23	25	26	17.6	26	27.1
SO4-S		8	7.08	10.6	7.2	5.25	7.25	3.65	7
Arsenic-Ar							<.001	<0.0010	

CWA = Clean Water Act Threshold

Oct. 2021	May 2022	Oct. 2022	May 2023	Oct. 2023
6.25	6.49	6.35	6.21	6.55
0.01	1.28	0.03	0.46	0.5
2.18	5.40	2.33	4.92	2.83
0.01	0.25	0.10	0.01	0.01
2.49	4.08	2.80	2.4	2.3
34.29	36.58	39.40	35.8	35.6
21.37	22.22	22.30	19.6	22.3
9.66	25.56	8.70	8.2	10.5