

| | Water Sample Test Comparison/ New Madrid County Well # 3 | | | | | |
|------------------|---|------------------|------------------|-----------------|------------------|-----------------|
| Nutrients | CWA | | | | | |
| | | May. 2020 | Oct. 2021 | May 2022 | Oct. 2022 | May 2023 |
| PH | | 6.4 | No Sample | 7.27 | 6.94 | 6.67 |
| NH4N ppm | 2.00 ppm | | | | | |
| NH3N ppm | | 0.13 | | 1.11 | 0.23 | 0.46 |
| N03N ppm | 10.00ppm | 0.19 | | 0.01 | 0.13 | 0.01 |
| Phosphrous | 1.00ppm | 0.01 | | 4.75 | 0.01 | 0.01 |
| Potassium | | 3.7 | | 3.48 | 2.50 | 2.1 |
| Calcium | | 93.6 | | 55.69 | 51.60 | 54.6 |
| Magnesium | | 36.3 | | 10.39 | 8.30 | 9.1 |
| SO4-S | | 43 | | 26.19 | 5.50 | 7.4 |
| Arsenic-Ar | | 0.0031 | | | | |

CWA = Clean Water Act Threshold

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| |
| Oct. 2023 |
| 7.1 |
| |
| 0.7 |
| 1.46 |
| 0.01 |
| 2 |
| 50.8 |
| 9.6 |
| 6.9 |
| |