

Water Sample Test Comparison / Butler County Well # 2									
Nutrients	CWA	Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021
PH		7.2	7.85	7.05	7.11	6.9	6.9	7.2	7.03
NH4N ppm	2.00 ppm	0.3	1.1	0.1	0.4				
NH3N ppm						0.62	0.56	1.59	1.31
N03N ppm	10.00ppm	1.7	2.4	2.1	4.9	0.35	0.42	0.06	0.07
Phosphrous	1.00ppm	0.05	0.05	0.05	0.2	0.01	0.01	0.01	
Potassium		7	1.3	1	2	2.5	2.5	2.7	2.3
Calcium		108	117	106	115	120.3	124.5	115.9	110.6
Magnesium		34	30.8	33	31	38.2	28.6	36.4	37.9
SO4-S		20	4.72	20	8.5	15.1	23.8	8.85	15.4
Arsenic-Ar							0.0023	0.0024	

CWA = Clean Water Act Threshold

Oct. 2021	May 2022	Oct. 2022	May 2023	Oct. 2023
6.86	7.22	6.92	6.79	7.01
0.56	2.75	0.62	0.55	0.64
0.11	0.01	0.21	0.09	1.55
0.01	0.25	0.02	0.01	0.01
2.76	3.03	3.20	4.2	2
115.6	125.78	130.20	110	110.6
37.3	39.16	37.20	25.5	38.4
46.46	157.59	44.60	13.8	38.9