

		Water Sample Test Comparison/ Butler County Well # 1							
Nutrients	CWA								
		Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021
PH		6.9	7.69	6.87	6.91	6.7	6.7	7	6.8
NH4N ppm	2.00 ppm	0.4	4.5	2.2	0.6				
NH3N ppm						0.75	0.66	1.39	1.13
N03N ppm	10.00ppm	1.1	1.6	1.4	3.8	0.29	0.15	0.12	0.02
Phosphrous	1.00ppm	0.05	0.05	0.1	0.1	0.01	0.01	0.06	
Potassium		2	0.9	1	1	1	1	0.9	0.9
Calcium		58	72.5	55	62	58.7	62	59.5	63.9
Magnesium		23	22.2	21	23	22	16.7	21.4	24.3
SO4-S		13	39.12	3.9	7.7	5.05	7.45	3	13.3
Arsenic-Ar							0.01	0.01	

CWA = Clean Water Act Threshold

<b>Oct. 2021</b>	<b>May 2022</b>	<b>Oct. 2022</b>	<b>May 2023</b>	<b>Oct. 2023</b>
6.67	6.91	6.75	6.75	6.74
0.76	2.56	0.82	0.39	1.26
0.39	0.01	0.19	1.9	1.11
0.01	0.25	0.02	0.01	0.01
1.35	1.40	1.30	2.2	0.6
60.97	66.02	54.50	11.7	52
20.99	21.76	17.40	3.5	19.8
25.93	66.51	8.00	3.6	10.2