

	Water Sample Test Comparison / Scott County Well # 1								
Nutrients	CWA								
		Oct. 2017	May. 2018	Oct. 2018	May. 2019	Oct. 2019	May. 2020	Oct. 2020	May. 2021
PH		7	7.11	7.1	6.89	6.6	6.7	6.8	6.61
NH4N ppm	2.00 ppm	0.9	0.2	0.2	0.2				
NH3N ppm						0.31	0.14	0.65	0.62
NO3N ppm	10.00ppm	50.7	24.9	5	9.6	3.52	3.84	3.53	2.32
Phosphrous	1.00ppm	0.05	0.05	0.1	0.2	0.01	0.01	0.07	
Potassium		4	3.25	2	3	4.5	4.1	4.5	3.7
Calcium		26	29.5	18	21	13.8	11.6	13.2	10.3
Magnesium		7	6.9	9	7	5	3	4.6	4.1
SO4-S		3	9.4	7.1	1	1.75	2.6	1.2	2.4
Arsenic-Ar							<.001	<0.0010	

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>
6.5	6.82	6.39	6.85	7.25
0.14	1.24	0.13	0.54	1.41
2.76	0.01	1.49	1.37	1.84
0.01	0.25	0.49	0.01	0.01
4.73	4.98	5.30	3.4	3.2
13.67	11.50	10.70	9.3	8.2
4.68	4.16	3.10	3.1	3.4
5.05	10.83	2.40	2.6	2.9