

Boerne City Lake Water Quality Monitoring Program - Data Summary

Site	Date	Phaeophytin	Chlorophyll a	Nitrate as N (mg/L)	Total Phosphorus (mg/L)	Total Kjeldahl Nitrogen (mg/L)	E.coli (MPN/100 ml)	Dissolved Oxygen (mg/L)	Temp (C)	Temp (F)	pH (SU)	Conductivity (Us/cm)	Transparency (m)	Days since last rainfall (>0.1 in)	
BCL 1	5/15/2019				< 0.02	0.541	1	23.9	75.0	8.0	375.8		>1.2	6	
BCL 1	6/18/2019				< 0.02	0.538	6	4.4	27.9	82.2	8.0	376.5		>1.2	1
BCL 1	7/30/2019				< 0.02	0.328	10	5.1	29.3	84.7	8.1	377.9		>1.2	20
BCL 1	8/29/2019	<1	2		< 0.02	0.289	<1	4.3	30.4	86.7	8.4	403.8		>1.2	7
BCL 1	10/31/2019	<1	5		< 0.02	0.391	88	8.1	17.5	63.5	8.2	304.9		>1.2	1
BCL 1	11/19/2019	<1	4		< 0.02	0.478	13	8.1	15.0	59.0	8.2	288.2		>1.2	6
BCL 1	12/18/2019	<1	3		< 0.02	0.444	6	7.9	13.3	55.9	8.0	283.2		0.98	9
BCL 1	1/29/2020	<1	3		< 0.02	0.575	9	9.3	13.2	55.8	8.1	284.6		0.73	2
BCL 1	2/18/2020	<1	11	0.113	0.092	1.900	5	7.0	14.6	58.3	8.1	367.2		1.11	7
BCL 1	6/17/2020	<1	2	< 0.05	< 0.02	< 0.2	<1	5.7	27.2	81.0	8.3	340		>1.2	16
BCL 1	7/20/2020	<1	2	< 0.05	< 0.02	0.346	38	6.7	29.3	84.7	8.2	347		>1.2	28
BCL 1	8/20/2020	<1	3	< 0.05	< 0.02	0.266	2	4.8	28.3	82.9	8.1	347		>1.2	2
BCL 1	9/23/2020	<1	4	< 0.05	< 0.02	0.392	3	5.4	24.5	76.1	8.0	335		>1.2	14
BCL 1	10/22/2020	<1	5	< 0.05	< 0.02	0.469	42	5.1	23.4	74.1	7.9	332		>1.2	44
BCL 1	11/18/2020	<1	13	< 0.05	0.023	0.705	32	7.4	17.1	62.8	7.9	285		>1.2	22
BCL 1	12/10/2020	<1	4	0.053	0.022	0.510	2	8.7	12.7	54.9	7.9	342		>1.2	13
BCL 1	1/25/2021	2	7	0.063	0.122	1.950	37	10.2	12.5	54.5	8.2	272		>1.2	6
BCL 1	2/25/2021	<1	10	0.070	0.066	1.120	3	10.4	12.5	54.5	8.1	270		0.8	8
BCL 1	3/22/2021	<1	2	0.069	< 0.02	0.463	15	8.3	15.5	59.9	8.1	294		>1.2	10
BCL 1	4/19/2021	<1	11	< 0.05	0.032	0.554	4	6.6	18.9	66.0	8.2	329		>1.2	5
BCL 1	5/26/2021	<1	3	< 0.05	0.026	0.497	4	5.9	24.8	76.6	8.3	330		>1.2	4
BCL 1	6/14/2021	<1	2	< 0.05	< 0.02	0.455	<1	5.5	28.7	83.7	7.9	369		>1.2	10
BCL 1	8/16/2021	<1	2	0.078	0.022	0.498	4	4.4	28.8	83.8	7.8	372		1.1	1
BCL 1	9/20/2021	<1	3	< 0.05	< 0.02	0.427	1	5.2	28.5	83.3	7.9	359		>1.2	8
BCL 1	10/25/2021	<1	3	< 0.05	0.033	0.405	9	6.0	23.7	74.7	7.6	351		>1.2	12
BCL 1	11/15/2021	<1	4	< 0.05	0.027	0.600	6	6.7	18.6	65.5	7.8	315		>1.2	12
BCL 1	12/13/2021	<1	6	< 0.05	0.034	0.578	10	6.1	15.8	60.4	7.6	300		>1.2	19
BCL 1	1/10/2022	<1	4	< 0.05	0.04	0.602	6	9.3	13.0	55.4	8.0	286		0.7	3
BCL 1	2/14/2022	<1	11	0.074	0.03	0.724	1	9.5	10.7	51.3	8.1	276		>1.2	7
BCL 1	3/14/2022	<1	2	0.067	< 0.02	0.366	1	10.0	12.5	54.5	8.0	299		>1.2	35
BCL 1	4/11/2022	<1	2	< 0.05	< 0.02	0.548	<1	8.1	18.8	65.8	7.9	326		1.1	22
BCL 1	5/9/2022	<1	1	< 0.05	< 0.02	0.44	1	5.7	24.8	76.6	7.6	375		>1.2	23
BCL 1	6/28/2022	<1	2	< 0.05	0.026	0.569	1	4.9	28.0	82.4	7.7	388		1.2	21
BCL 1	7/11/2022	<1	2	< 0.05	< 0.02	0.618	<1	5.2	29.5	85.1	7.8	399		>1.2	13
BCL 1	8/22/2022	<1	3	< 0.05	0.027	0.461	1	4.4	28.1	82.6	7.3	395		0.8	11
BCL 1	9/19/2022	<1	2	< 0.05	< 0.02	0.386	<1	5.4	27.3	81.1	7.9	386		1.0	16
BCL 1	10/24/2022	1.00	9	< 0.05	< 0.02	0.821	580	5.1	21.5	70.7	7.7	350		0.6	8
BCL 1	11/28/2022	<1	10	< 0.05	0.22	0.822	42	7.7	13.5	56.3	7.7	286		>1.2	3
BCL 1	12/12/2022	1.00	7	< 0.05	0.024	0.617	11	7.1	17.2	63.0	7.9	310		>1.2	18

BCL 2	5/15/2019				< 0.02	0.359	1	24.6	76.3	8.0	381		>1.2	6	
BCL 2	6/18/2019				< 0.02	0.548	11	5.8	28.6	83.5	8.3	392		>1.2	1
BCL 2	7/30/2019				< 0.02	< 0.2	19	5.1	29.3	84.7	8.1	378		>1.2	20
BCL 2	8/29/2019	<1	2		< 0.02	0.477	<1	5.5	30.7	87.3	8.4	399		>1.2	7
BCL 2	10/31/2019	<1	5		< 0.02	0.335	49	7.6	18.1	64.6	8.2	305		>1.2	1
BCL 2	11/19/2019	<1	5		< 0.02	0.349	18	8.0	15.3	59.5	8.3	290		1.0	6
BCL 2	12/18/2019	<1	2		< 0.02	0.368	6	7.5	13.5	56.3	8.2	283		0.9	9
BCL 2	1/29/2020	<1	2		< 0.02	0.499	8	10.0	13.9	57.0	8.2	288		0.6	2
BCL 2	2/18/2020	<1	10	0.11	0.049	0.503	12	7.8	14.5	58.1	8.3	293		>1.2	7
BCL 2	6/17/2020	<1	3	< 0.05	< 0.02	0.382	<1	6.8	27.9	82.2	8.2	324		>1.2	16
BCL 2	7/20/2020	<1	3	< 0.05	< 0.02	0.409	1	5.3	30.3	86.5	8.2	346		>1.2	28
BCL 2	8/20/2020	<1	4	< 0.05	< 0.02	0.374	<1	6.1	28.8	83.8	8.2	327		>1.2	2
BCL 2	9/23/2020	<1	4	< 0.05	< 0.02	0.376	9	4.7	24.5	76.1	8.0	338		>1.2	14
BCL 2	10/22/2020	<1	5	< 0.05	< 0.02	0.483	110	5.5	23.7	74.7	8.0	332		>1.2	44
BCL 2	11/18/2020	<1	5	< 0.05	0.023	0.828	48	9.3	17.8	64.0	8.1	291		>1.2	22
BCL 2	12/10/2020	<1	7	0.052	< 0.02	0.417	4	8.6	13.9	57.0	7.9	342		>1.2	13
BCL 2	1/25/2021	<1	4	0.062	0.023	0.518	36	10.2	13.2	55.8	8.3	277		>1.2	6
BCL 2	2/25/2021	<1	3	0.070	0.046	0.608	2	9.9	12.8	55.0	8.0	275		0.7	8
BCL 2	3/22/2021	<1	2	0.065	0.027	0.511	1	8.3	16.1	61.0	8.1	297		0.8	10
BCL 2	4/19/2021	<1	5	< 0.05	0.028	0.572	8	5.9	18.0	64.4	8.2	330		>1.2	5
BCL 2	5/26/2021	<1	2	< 0.05	0.02	0.465	4	6.3	25.3	77.5	8.3	359		>1.2	4
BCL 2	6/14/2021	<1	2	< 0.05	< 0.02	0.469	4	5.3	28.8	83.8	8.2	365		>1.2	10
BCL 2	8/16/2021	<1	4	< 0.05	0.022	0.477	2	4.7	29.1	84.4	8.2	371		1.1	1
BCL 2	9/20/2021	<1	1	< 0.05	< 0.02	0.309	1	5.4	28.6	83.5	8.1	368		>1.2	8
BCL 2	10/25/2021	<1	6	< 0.05	0.025	0.545	72	5.6	23.9	75.0	7.7	348		>1.2	12
BCL 2	11/15/2021	<1	6	< 0.05	< 0.02	0.494	80	6.8	18.9	66.0	8.2	315		>1.2	12
BCL 2	12/13/2021	<1	10	< 0.05	0.03	0.587	16	7.1	15.9	60.6	7.8	299		>1.2	19
BCL 2	1/10/2022	<1	4	< 0.05	0.025	0.811	8	7.2	13.1	55.6	7.9	289		0.8	3
BCL 2	2/14/2022	<1	3	0.071	< 0.02	0.661	<1	9.7	10.6	51.1	8.1	258		>1.2	7
BCL 2	3/14/2022	<1	<1	0.065	0.025	0.519	3	10.3	12.9	55.2	8.0	309		>1.2	35
BCL 2	4/11/2022	<1	1	< 0.05	< 0.02	0.485	2	6.9	19.4	66.9	8.0	330		0.9	22
BCL 2	5/9/2022	<1	2	< 0.05	< 0.02	0.394	2	6.2	26.6	79.9	26.6	381		>1.2	23
BCL 2	6/28/2022	<1	2	< 0.05	0.023	0.54	6	5.0	28.1	82.6	7.8	390		>1.2	21
BCL 2	7/11/2022	<1	1	< 0.05	0.037	0.434	2	4.8	29.7	85.5	7.9	397		>1.2	13
BCL 2	8/22/2022	<1	3	< 0.05	0.027	0.5	3	4.8	28.6	83.5	7.3	397		0.9	11
BCL 2	9/19/2022	<1	4	< 0.05	< 0.02	0.504	<1	3.9	27.4	81.3	7.8	394		>1.20	16
BCL 2	10/24/2022	<1	8	< 0.05	< 0.02	0.864	8	5.3	21.8	71.2	7.9	355		0.9	8
BCL 2	11/28/2022	1	12	< 0.05	0.025	0.78	86	6.2	14.0	57.2	7.9	287		>1.2	3
BCL 2	12/12/2022	<1	9	< 0.05	0.31	0.682	40	6.9	17.5	63.5	7.9	307		>1.2	18

BCL 3	5/15/2019				< 0.02	0.563	< 1	24.7	76.5	8.2	387		>1.2	6	
BCL 3	6/18/2019				< 0.02	0.511	1	5.2	28.0	82.4	8.3	379		>1.2	1
BCL 3	7/30/2019				< 0.02	0.481	4	5.5	29.1	84.4	8.2	380		>1.2	20
BCL 3	8/29/2019	<1	2		< 0.02	0.229	1	4.8	30.4	86.7	8.3	410		>1.2	7
BCL 3	10/31/2019	<1	5		0.095	0.39	60	5.9	18.0	64.4	8.3	310		>1.2	1
BCL 3	11/19/2019	<1	5		< 0.02	0.495	14	9.0	15.2	59.4	8.4	289		1.0	6
BCL 3	12/18/2019	<1	2		< 0.02	0.396	2	8.5	13.0	55.4	8.2	279		0.9	9
BCL 3	1/29/2020	<1	2		< 0.02	0.475	10	8.3	13.6	56.5	8.2	287		0.8	2</