

Boerne City Lake Water Quality Monitoring Program - Data Summary

Site	Date	Phaeophytin a	Chlorophyll a	Nitrate as N (mg/L)	Total Phosphorus (mg/L)	Kjeldahl Nitrogen (mg/L)	E. coli (MPN/100 ml)	Dissolved Oxygen (mg/L)	Temp (C)	Temp (F)	pH (SU)	Conductivity (U/cm)	Transparency (m)	Days since last rainfall (>0.1 in)
BCL 1	5/15/2019			<0.02	0.541	1	na	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	375.5	>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	>1.2	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	na	29.3	84.7	8.2	347	>1.2	28
BCL 1	8/20/2020	<1	3	<0.05	<0.02	0.246	2	4.8	28.8	83.3	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	0.650	8	6.7	18.6	65.5	7.8	315	>1.2	10
BCL 1	12/13/2021	<1	6	<0.05	0.034	0.578	10	6.1	15.8	62.4	8.6	300	>1.2	19
BCL 1	1/10/2022	<1	4	<0.05	0.04	0.502	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	>1.2	22
BCL 1	5/9/2022	<1	1	<0.05	<0.02	0.44	1	5.7	24.8	76.6	8.1	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	4	5.4	27.3	81.1	7.9	386	>1.2	16
BCL 1	10/24/2022	1.00	9	<0.05	<0.02	0.821	580	5.1	21.5	80.7	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 1	1/23/2023	<1	5	<0.05	0.02	0.817	6	7.4	12.3	54.1	7.7	285	<1.2	1
BCL 1	3/13/2023	<1	4	<0.05	0.22	0.501	8	8.4	18.2	64.8	8.4	340	>1.2	11
BCL 1	4/24/2023	<1	6	<0.05	0.038	0.462	10	4.9	19.0	66.2	7.8	352	1.0	2
BCL 1	6/12/2023	<1	3	<0.05	0.021	0.614	7	5.3	27.8	82.0	7.4	390	>1.2	6
BCL 1	7/17/2023	<1	2	<0.05	0.027	na	4	6.5	29.1	84.4	7.6	412	>1.2	10
BCL 1	8/14/2023	<1	3	<0.05	0.03	0.592	4	4.1	29.0	84.2	7.4	441	>1.2	2
BCL 1	9/18/2023	<1	6	<0.05	0.026	0.732	1	4.5	27.3	81.1	7.5	429	>1.2	2

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	376	>1.2	20	
BCL 2	8/29/2019	<1	2	<0.05	<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	379	>1.2	1
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	0.823	48	9.3	17.8	64.0	8.1	286	>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	6.3	19.4	66.9	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	2	5.9	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	327	>1.2	18
BCL 2	1/23/2023	3	10	<0.05	0.086	1.33	5	9.4	11.8	53.2	8.1	286	>1.2	1
BCL 2	3/13/2023	2	4	<0.05	0.039	0.858	14	8.0	18.4	65.1	8.6	342	>1.2	11
BCL 2	4/24/2023	<1	7	<0.05	0.048	0.538	8	5.0	19.9	67.8	7.9	355	0.8	2
BCL 2	6/12/2023	<1	2	<0.05	0.034	0.678	18	6.0	28.4	83.1	8.0	395	>1.2	6
BCL 2	7/17/2023	<1	2	<0.05	0.035									