

Appendix 6: Chlorophyll *a* Trends by Lake

Lake Name	WBIC	Community Type	Chl <i>a</i> Slope Coefficient	Chl <i>a</i> ug/L/yr	Chl <i>a</i> ug/L/10yr	Time Span	Decades	Years of Data	P-value
Afterglow Lake	1624100	Deep Seepage	0.000974	0.3556	3.56	1990-1999	1	6	0.599
Alder Lake	2329600	Deep Lowland	0.000288	0.1049	1.05	2000-2009	1	5	0.724
Ross Allen Lake	1878100	Deep Seepage	-0.002486	-0.9074	-9.07	2010-2019	1	6	0.333
Little Bateau Lake	998600	Deep Headwater	-0.001404	-0.5125	-5.12	2010-2019	1	7	0.285
Anderson Lake	968500	Two-Story	-0.000013	-0.0048	-0.05	2000-2019	2	19	0.779
Little St. Germain Lake	1596300	Two-Story	-0.001358	-0.4958	-4.96	2000-2019	2	18	0.135
Gunlock Lake	1539700	Shallow Headwater	-0.001134	-0.4138	-4.14	2010-2019	1	9	0.207
Snipe Lake	1018500	Shallow Seepage	-0.001011	-0.3691	-3.69	2010-2019	1	10	0.080
Bass Lake	1604200	Shallow Headwater	0.000204	0.0745	0.74	2000-2019	2	15	0.547
Big Arbor Vitae Lake	1545600	Deep Lowland	-0.000056	-0.0204	-0.20	2010-2019	1	8	0.987
Big Lake	2334700	Two-Story	-0.000806	-0.2940	-2.94	2010-2019	1	6	0.388
Squaw Lake	2271600	Shallow Lowland	-0.000789	-0.2881	-2.88	2000-2009	1	6	0.315
Big Sand Lake	1602600	Deep Lowland	0.000173	0.0632	0.63	2010-2019	1	9	0.849
Big St. Germain Lake	1591100	Two-Story	-0.001377	-0.5026	-5.03	2010-2019	1	10	0.500
Fishstrap Lake	2343200	Deep Lowland	-0.000432	-0.1575	-1.57	2010-2019	1	7	0.369
Sunset Lake	1020900	Deep Seepage	-0.000366	-0.1337	-1.34	1990-1999	1	6	0.306
Black Oak Lake	1630100	Two-Story	0.000019	0.0069	0.07	2000-2019	2	18	0.716
Little Portage Lake	1629200	Shallow Lowland	0.003853	1.4063	14.06	2000-2019	2	15	0.001
Carlin Lake	2757900	Deep Seepage	-0.000025	-0.0091	-0.09	2000-2019	2	15	0.720
Imogene Lake	586800	Deep Seepage	-0.000329	-0.1201	-1.20	2010-2019	1	10	0.192
Hiawatha Lake	2328400	Deep Headwater	-0.000308	-0.1123	-1.12	2000-2019	2	19	0.162
Clear Lake	2329000	Two-Story	-0.000275	-0.1005	-1.01	2000-2009	1	8	0.657
Papoose Lake	2328700	Two-Story	-0.000277	-0.1012	-1.01	2000-2019	2	17	0.247
Amik Lake	2268600	Shallow Lowland	0.002100	0.7665	7.67	2000-2019	2	19	0.000
Crawling Stone Lake	2322800	Two-Story	-0.000031	-0.0112	-0.11	2000-2019	2	16	0.674
Tonawanda Lake	1022900	Deep Seepage	-0.000210	-0.0767	-0.77	2000-2019	2	18	0.142
Little Crooked Lake	2335500	Deep Lowland	0.001166	0.4256	4.26	1990-2010	2	15	0.017
Upper Gresham Lake	2330800	Deep Lowland	-0.000166	-0.0606	-0.61	2000-2019	2	18	0.393
Smoky Lake	1018300	Two-Story	-0.000165	-0.0601	-0.60	2010-2019	1	10	0.146

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Circle Lily Lake	2326700	Deep Lowland	-0.000154	-0.0562	-0.56	2010-2019	1	9	0.377
Forest Lake	2762200	Two-Story	0.000005	0.0017	0.02	2000-2019	2	19	0.971
Alma Lake	967900	Deep Seepage	-0.000128	-0.0465	-0.47	2000-2019	2	19	0.303
Bobidosh Lake	1836100	Deep Seepage	-0.000089	-0.0325	-0.32	2000-2019	2	19	0.340
Presque Isle Lake	2956500	Two-Story	-0.000034	-0.0122	-0.12	2000-2019	2	17	0.479
High Lake	2344000	Deep Lowland	-0.000171	-0.0624	-0.62	2010-2019	1	10	0.773
Horsehead Lake	2953100	Shallow Lowland	0.000177	0.0646	0.65	2000-2019	2	19	0.629
Ike Walton Lake	2321800	Deep Seepage	-0.000192	-0.0700	-0.70	2010-2019	1	6	0.802
Crab Lake	2953500	Two-Story	0.000077	0.0280	0.28	1990-2019	3	26	0.110
Johnson Lake	1541100	Two-Story	0.000134	0.0487	0.49	2000-2009	1	7	0.713
Moon Lake	1005800	Deep Seepage	0.000077	0.0280	0.28	2000-2019	2	19	0.340
Little Star Lake	2334300	Two-Story	0.000094	0.0343	0.34	2000-2009	1	5	0.421
Little Arbor Vitae Lake	1545300	Deep Lowland	-0.002079	-0.7588	-7.59	2010-2019	1	8	0.672
Anvil Lake	968800	Deep Seepage	0.000119	0.0433	0.43	1990-2019	3	26	0.470
Little Crawling Stone Lake	2324000	Two-Story	-0.000003	-0.0011	-0.01	2000-2019	2	18	0.972
Van Vliet Lake	2956800	Shallow Headwater	0.001017	0.3711	3.71	2000-2019	2	14	0.006
Birch Lake	2311100	Deep Lowland	0.000174	0.0633	0.63	2000-2019	2	18	0.269
Dead Pike Lake	2316600	Two-Story	0.000213	0.0776	0.78	2000-2019	2	15	0.143
Deerskin Lake	1601300	Shallow Headwater	0.000223	0.0812	0.81	2000-2019	2	19	0.071
Annabelle Lake	2953800	Deep Lowland	0.000227	0.0827	0.83	2000-2019	2	19	0.154
Carpenter Lake	976100	Shallow Seepage	0.000828	0.3021	3.02	2000-2019	2	19	0.044
Lost Lake	1593400	Shallow Lowland	-0.001108	-0.4044	-4.04	2000-2009	1	8	0.569
Lower Buckatabon	1621000	Two-Story	-0.000073	-0.0267	-0.27	2010-2019	1	5	0.922
South Turtle Lake	2310200	Deep Lowland	0.000264	0.0964	0.96	1990-2019	3	23	0.246
Long Lake	1602300	Two-Story	0.000402	0.1468	1.47	2010-2019	1	10	0.244
Moccasin Lake	1005700	Deep Seepage	0.000656	0.2393	2.39	2000-2009	1	6	0.501
Plum Lake	1592400	Two-Story	0.000727	0.2653	2.65	2010-2019	1	8	0.009
Upper Buckatabon Lake	1621800		0.000448	0.1636	1.64	2010-2019	1	5	0.306
Morton Lake	2960300	Deep Lowland	0.000454	0.1657	1.66	2000-2019	2	16	0.101
Pokegama Lake	2320800	Two-Story	0.000467	0.1703	1.70	2000-2009	1	8	0.211
Myrtle Lake	1626000	Deep Seepage	0.000019	0.0069	0.07	2000-2020	2	17	0.943
Bills Lake	1835500	Deep Seepage	0.000531	0.1939	1.94	2000-2019	2	18	0.000

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Oxbow Lake	2954800	Two-Story	-0.000137	-0.0499	-0.50	2010-2019	1	10	0.610
Lac Vieux Desert	1631900	Shallow Lowland	0.000599	0.2186	2.19	2010-2019	1	6	0.466
Armour Lake	2953200	Deep Lowland	0.000616	0.2250	2.25	2010-2019	1	6	0.192
South Twin Lake	1623700	Two-Story	0.000720	0.2629	2.63	2000-2009	1	6	0.330
McDonald Lake	1003700	Deep Seepage	0.000439	0.1601	1.60	1990-2019	3	24	0.006
North Turtle Lake	2310400	Two-Story	0.000259	0.0945	0.94	1990-2019	3	24	0.010
Muskellunge Lake	1596600	Shallow Lowland	0.000875	0.3195	3.20	1990-2019	3	23	0.153
Moss Lake	2322500	Deep Seepage	0.000956	0.3490	3.49	2010-2019	1	6	0.462
Shishebogama Lake	1539600	Deep Lowland	0.000055	0.0202	0.20	2000-2019	2	17	0.828
Harris Lake	2958500	Deep Headwater	0.000136	0.0497	0.50	2000-2019	2	18	0.040
Plummer Lake	1875100	Deep Seepage	-0.000172	-0.0626	-0.63	2000-2019	2	18	0.001
Big Portage Lake	1629500	Deep Seepage	-0.000237	-0.0865	-0.87	2000-2019	2	18	0.027
Kentuck Lake	716800	Deep Lowland	0.002192	0.8001	8.00	2000-2019	2	19	0.089
Finger Lake	984700	Deep Seepage	0.002898	1.0578	10.58	2010-2019	1	5	0.133
Stearns Lake	2323600	Shallow Seepage	0.000006	0.0021	0.02	2000-2019	2	15	0.977
Stormy Lake	1020300	Two-Story	0.000032	0.0117	0.12	2000-2009	1	8	0.782
Eagle Lake	1600200	Deep Lowland	0.002970	1.0841	10.84	2000-2009	1	5	0.169
Cochran Lake	22963500	Shallow Headwater	0.003106	1.1337	11.34	2010-2019	1	8	0.211
Little Spider Lake	1540400	Shallow Seepage	-0.000330	-0.1205	-1.20	1990-2019	3	25	0.038
Pickerel Lake	1619700	Shallow Lowland	0.005113	1.8662	18.66	2010-2019	1	7	0.185
Mann Lake	2332000	Shallow Headwater	0.005574	2.0345	20.35	2010-2019	1	5	0.336
White Sand Lake (LDF)	2321100	Two-Story	-0.000009	-0.0033	-0.03	2010-2019	1	9	0.954
Wildcat Lake	2336800	Deep Headwater	-0.000236	-0.0861	-0.86	2010-2019	1	10	0.566