SYLVAN LAKE - COMPOSITE - (AB05CC0700)

Sample Number	Sample Date	Secchi Disk Transparency m	Chlorophyll-a µg/L	Phosphorus Total (TP) mg/L	Phosphorus Total Dissolved (TDP) mg/L	Ammonia (NH3-N) mg/L	Nitrate+Nitrite (NO3+NO2-N) mg/L	Nitrate (NO3-N) mg/L	Nitrite (NO2-N) mg/L	Total Kjeldahl Nitrogen mg/L	Total Nitrogen (TN) mg/L	TN:TP Ratio	Specific Conductance (Lab) µS/cm	Total Dissolved Solids (TDS) mg/L	Filterable Residue (FR) mg/L	Non-filterable Residue (NFR) mg/L	pH (Lab)	Total Alkalinity (CaCO3) mg/L	Phenolphthalein Alkalinity (CaCO3) mg/L	Total Hardness (CaCO3) mg/L	Bicarbonate (HCO3) mg/L	Carbonate (CO3) mg/L	Chloride Dissolved (Cl) mg/L	Sulphate Dissolved (SO4) mg/L	Calcium Dissolved (Ca) mg/L	Magnesium Dissolved (Mg) mg/L	Sodium Dissolved (Na) mg/L	Potassium Dissolved (K) mg/L	Fluoride Dissolved (F) mg/L	Dissolved Organic Carbon (DOC) mg/L
83AB001439	1983-05-25	7.3	1.3	0.016																											
83AB001440	1983-06-28	5.8	3.1	0.016																											
83AB001441	1983-07-27	5.3	2.7	0.019																											
83AB001442	1983-08-31	5.3	2.9	0.021			L0.050		L0.050				584	319			8.7	318	18.3				L1.0	15	13	32	61	6.2	0.1		
84AB001964	1984-05-07	4	1.1	0.02			L0.050		L0.050				582	332			8.8	325	19.2	179	351	22.7	2	16	16	34	62	6.6	0.13		
84AB001965	1984-05-24	5.3	1.1	0.017																											
84AB001966	1984-06-27	6	1.6	0.016																											
84AB001967	1984-07-24	5.8	2.5	0.018																											
84AB001968	1984-08-21	5.3	4.9	0.024			L0.050		L0.050				578	337			8.9	326	21.7	186	346	25.8	L1.0	14	17	35	67	7	0.14		
84AB001970	1984-09-20	4.4	11.6	0.023																											
85AB001609	1985-05-28	2.5	2.2	L0.005			L0.050		L0.050				600	333			8.8	324		181	360	17	2	12	15	35	67	7	0.14		
85AB001610	1985-06-11	2.7	4.9	0.014																											
85AB001611	1985-07-09	3.4	2.7	0.014																											
85AB001612	1985-08-12	2.7	8.9	0.022																											
85AB001613	1985-09-19	2.1	7.4	0.016																											
86AB000834	1986-05-27	3.4	3.1	0.019			L0.050		L0.050				590	340			8.8	328		212	360	19.2	L1.0	13	19	40	63	6.7	0.15		
86AB000835	1986-06-10	2.7	2.2	0.015																											
86AB000836	1986-07-15	5.6	1.8	0.017			L0.050		L0.050				602	340			9	326		190		23	L1.0	20	17	36	64	6.7	0.11		
86AB000837	1986-08-12	5.5	1.8	0.022			L0.050		L0.050				598	335			8.8	322		193	348	21.6	L1.0	15	18	36	65	6.8	0.13		
86AB000838	1986-09-09	6.4	8.8	0.029																											
86AB000839	1986-09-23	4.8	4.3	0.024																											
87AB000838	1987-06-18	4.3	1.9	0.02			L0.020		L0.005				595	331			8.8	325		190	347	24	L1.0	13	17	36	62	6.8	0.14		
87AB000839	1987-07-23	3.5	5.5	0.02																											
87AB000840	1987-08-23						L0.020		L0.005				597	347			8.9	325		197	342	26.4	2	20	18	37	68	6.9	0.14		
87AB000841	1987-09-23	2.7	4.4	0.025																											
88AB001454	1988-05-24	6.8	2.2	0.016			L0.020		L0.005				604	349			8.9	334		205	360	22.8	2	14	18	39	69	6.2	0.12		
88AB001455	1988-06-13	5.8	3.3	0.018																											
88AB001456	1988-07-14	4.4	4	0.023			L0.020		L0.005				603	344			8.9	332		194	346	28.8	1.5	14	17	37	68	6.9	0.13		
88AB001457	1988-08-23	3.4	5.7	0.033																											
88AB001458	1988-09-13	4	9.9	0.031																											
88AB001459	1988-09-26	3.3	14.6	0.029																											
89AB001593	1989-06-06	5	1.5	0.021			L0.010		0.001				603	346			8.86	333		197	363	21	1.8	15	18	37	67	6.9	0.13		
89AB001594	1989-06-26	4	2.9	0.02																											
89AB001595	1989-07-25	4	4.2	0.021			0.35		0.001				599	346			8.74	335		192	362	23	1.9	15	16	37	67	6.9	0.13		
89AB001596	1989-08-21	4	6.5	0.023																											
89AB001597	1989-09-19	4	3.8	0.022									584	348	350		8.73	330	19	194.6	355	22.8	1.9	12.8	17.1	36.9	73	7.5			
90AB000718	1990-05-29	5.3	2.5	0.02			L0.020		0.001				599	347			8.86	334		213	351	28	1.2	13	16	42	67	6.9	0.14		
90AB000719	1990-06-27	6	1.7	0.016																											
90AB000720	1990-07-23	5	2	0.016			L0.020		L0.001				580	337			8.87	325		203	347	24	1.5	14	17	39	64	6.5	0.12		
90AB000721	1990-08-28	4.5	5.6	0.024																											
90AB000722	1990-09-17	3.5	16.9	0.032			L0.020		L0.001				589	341			8.95	329		201	349	25	2.2	14	18	38	65	6.6	0.13		
92AB000872	1992-05-19	2.8	14.2	0.072			L0.005		L0.001				592	338			8.77	330		206	381	21	1.7	11	18	39	64	6.4	0.12		
92AB000873	1992-06-15	7.8	2	0.016																											
92AB000874	1992-08-04	5.2	2.7	0.014			L0.005		L0.001				587	337			8.82	326		195	373	24	1.8	13	17	37	66	6.7	0.12		
92AB000875	1992-08-31	3.5	9.2	0.016																											
93AB001070	1993-05-31	4.5	1	0.022			L0.005		L0.001				582	328			8.89	329		180	378	22	1.8	9	16	34	64	6.5	0.13		
93AB001071	1993-07-26	4.3	3.5	0.021			L0.005		L0.001				587	330			8.81	326		193	376	21	1.9	9	18	36	63	6.6	0.12		
93AB001072	1993-09-07	2.8	2.8	0.023			L0.005		L0.001				588	334			8.88	329		197	374	27	1.9	9	18	37	64	6.7	0.12		
94AB000803	1994-06-06	5.3	0.4	0.02			0.008		L0.001				565	337			9	330		194	377	25	1.9	11	18	36	65	6.9	0.13		
94AB000804	1994-06-27	9	1.4	0.015																											
94AB000805	1994-07-26	7.8	1.4	0.016			0.008		L0.001				582	340			8.87	331		197	378	25	2	13	18	37	65	7.1	0.14		
94AB000806	1994-08-16	5	4	0.018																											
95AB002235	1995-05-14	5.8	1.4	0.016			L0.005		L0.001				570	329			8.78	324		198	351	21	2	7	17	38	64	6.8	0.12		
95AB002236	1995-06-22	5.5	1.5	0.018																											
95AB002237	1995-07-24	6.3	3.7	0.018			L0.005		L0.001				585	337			8.89	331		197	350	26	2	11	17	37	64	6.8	0.13		
95AB002238	1995-08-01	4.7	5.7	0.02	0.009	0.007	0.001		L0.001	0.66	0.661	33	583	335		1	8.92	332		197	349	27	2	8	17	37	65	6.8	0.14		8.2
95AB002239	1995-08-16	4.5	8.2	0.023																											
96SWE00052	1996-05-16	4.8	3.9	0.026	0.013	0.16	0.08		L0.050	0.8	0.88	33	611	330		7	8.6	319		186	351	19	1.8	12.4			65		0.16		7
96AB000698	1996-05-22	4	6.5	0.036									595	348			8.57	326	14.4	207	362	17.3	2.2	12.2	18.5	39.1	70.6	7.7	0.19		
96SWE00133	1996-06-07	4	4.8	0.027	0.013	0.06	0.006		L0.003	0.7	0.706	26	586	330		2	8.6	317		200	356	15	1.1	9.8			65.6		0.2		7
96SWE00287	1996-06-27	3.8	1.4	0.025	0.012	0.16	L0.006			0.5	0.506	20	572	324		4	8	316		178	385	L5.0	2.2	12			63		0.15		8.9
96SWE00510	1996-07-12	7.5	2.1	0.017	0.009	0.14	L0.006			1.2	1.206	73	609	323		2	8.6	314		176	352	15	1.7	12			64		0.16		8.3
96SWE00831	1996-07-24	6	5.7	0.023	0.011	0.14	0.006			0.6	0.606	26	572	323		2	8.9	323		172	344	25	L0.5	10			63		0.19		7.8
96SWE01176	1996-08-09	6.8	3.3	0.022	0.012	0.05	0.009			0.76	0.769	34	583	201		L2.0	8.9	119		170	341	25	L0.5	11.1			63		0.16		8.4
96SWE01500	1996-08-23	3.9	7.8	0.028	0.01	0.12	L0.006			0.7	0.706	25	596	343		2	8.9	333		193	353	26	2.2	7.4			71		0.15		7
96SWE01770	1996-09-09	4.1	7.5	0.022	0.01	0.05	L0.006			0.8	0.806	36	531	358		3	8.82	328		227	357	21	2.3	22.1			63		0.15		7
96SWE01979	1996-09-20	3.6	8.9	0.022	0.01	0.13	L0.006			0.9	0.906	40	587	347		2	8.7	324		196	356	20	2.3	11.1			75		0.14		8
96SWE02328	1996-10-10	3.8	7.6	0.019		L0.050	L0.006			0.8	0.806	42	599	339		3	8.7	324		192	358	19	2.7	10			69		0.15		7
97SWE02039	1997-07-03	7	1.7	0.019									600	349			8.62	336	17.6	199	367	21.1	1.8	13.1	18.8	37	66.7	7.3	0.2		
97SWE03065	1997-09-01	3	10.1	0.029									600	356			8.71	342	25.9	213	354	31	2.1	12.1	20	39.5	66.8	7.3	0.21		
97SWE03066	1997-09-01																														
98SWE02651	1998-08-13	4.9																													
03SWE08163	2003-06-18	3.5	2.5	0.015	0.006	0.005	L0.005			0.59	0.595	39																			
03SWE08371	2003-07-09	6	2	0.013	0.006	0.007	L0.005		0.001	0.55	0.555	42		354			8.79	335	19	211	362	23	2.1	15			70.3	7.6			
03SWE08566	2003-07-30	5.5	3.5	0.014	0.005	0.006	L0.005			0.65	0.655	46					8.85	337	21		359	26									
03SWE08757	2003-08-20	5.3	3.3	0.011	0.004	0.007	L0.005			0.59	0.595	54					8.9	337	24		353	28									
03SWE08996	2003-09-10	3.8	6.6	0.019	0.006	0.012	0.005			0.65	0.655	34		346			8.8	341	22	175	361	27	2.3	12			71.2	7.7			
05SWE01843	2005-07-27	3.6	7.3	0.022	0.003	L0.005	L0.006	L0.006	L0.002	0.87	0.876	39	609	353			8.8	336		205	351	29	3	15.2	18.1	38.8	69	7.6	0.13		
05SWE04384	2005-09-29	3.2																													
06SWE10062	2006-06-25	4.3	2.3	0.02	0.007	0.012	L0.005			0.64	0.645	32	619	353			8.76	341	19.2	200	369	23	2.7	13			69.9	7.7			7.3
06SWE10199	2006-07-10	6	4.9	0.032	0.009	0.007	L0.005			0.76	0.765	23																			
06SWE10502	2006-08-02	4.5	5.3	0.016	0.006	0.012	L0.005			0.66	0.665	41	588	350			8.91	339	23.6	184	356	28	2.7	12			73.3	7.8			7.1
06SWE10715	2006-08-28	3.5	6.8	0.027	0.007	0.022	L0.005			0.73	0.735	27																			
06SWE10974	2006-09-19	2.2	13.1	0.029	0.009	0.007	L0.005			0.75	0.755	26	612	356			8.91	341	22.9	188	360	28	2.6	18			71.5	8			7.7
08SWE02417	2008-07-08																														
08SWE01443	2008-07-08	7.3	1.5	0.012	0.005	L0.005	L0.006	L0.006	L0.002	0.57	0.576	48	624	336			8.7	329		187	355	23	3	12.4	17.8	34.7	64	6.7	0.13		
08SWE01881	2008-08-11	4.3	3.1	0.018	0.006	0.008	0.006	0.006	L0.002	0.62	0.626	34	615	348			8.8	332		199	346	29	4	12.3	17.5	37.7	70	7.2	0.14		
08SWE01919	2008-08-11																														
08SWE02493	2008-09-15	4.6	5	0.016	0.006	0.008	L0.006	L0.006	L0.002	0.58	0.586	36	612	351			8.8	336		197	352	29	3	11.7	17.8	37.1	72	7.5	0.15		
08SWE02529	2008-09-15																														
09SWE08104	2009-06-12	4.3	2.6	0.024	0.013	0.012	L0.005			0.62	0.625	26	609	341			8.7	338	16	184	374	19	3	11			64.6	7.8			6.8
09SWE08238	2009-07-03	5.8	1.8	0.021	0.01	0.006	0.012			0.62	0.632	30																			
09SWE08667	2009-07-24																														
09SWE08470	2009-07-28	4	2.5	0.017	0.01	0.01	L0.005			0.63	0.635	37	607	358			8.84	338	20.3	188	362	24	3.5	19			73	7.7			7.1
09SWE08669	2009-08-14																														
09SWE08608	2009-08-20	4.8	3.4	0.018	0.01	0.01	L0.005			0.65	0.655	36	607	352			8.82	336	19.3	171	362	23	3.3	19			73	7.8			6.9
10SWE09664	2010-06-07																														
10SWE09242	2010-07-02	8	1.3	0.023	0.013	0.014	L0.005			0.68	0.685	29	608	366			8.77	339	18	200	369	22	3.8	23			75.1	7.7	0.14		7.2
10SWE09351	2010-07-30	6.5	1.8	0.023	0.015	0.01	0.009			0.69	0.699	30	561	340			8.85	339	19	191	366	23	3.7	L3.0			71.9	7.9			7.9
10SWE09435	2010-08-17	6.5	3.3	0.023	0.011	0.013	L0.005			0.7	0.705	30																			
10SWE09665	2010-09-29																														
11SWE04263	2011-07-05	6	2.1	L0.020	0.006	0.012	L0.006			0.64	0.641	32	603	335			8.84	337		181	343	33.6	3.4	10.9			61.2		0.13		
11SWE04360	2011-08-08	4.4	2.9	0.017	0.005	0.005	L0.006			0.57	0.572	34	591	335			8.92	328		189	327	35.8	3.3	10.7			64.1		0.14		
11SWE04475	2011-09-08	4.5	3.6	0.022	0.005	0.017	L0.006			0.64	0.649	30	603	349			8.93	333		195	338	33.9	3.4	10.2			73.6		0.13		
14SWE07103	2014-06-26	5	3	0	0	0	L0.000	L0.000	L0.000	1	1		610	371			8	327	25	209	337	30	4	10			73	7	0		8
14SWE07297	2014-07-16	4	2	1	1	0	0			1	1	1	560				8	335	31		331	38									
14SWE07554	2014-08-12	3	8	0	0	0	0	0	L0.000	0	0		610	376			8	336	34	190	326	41	4	8			75	8	0		7
14SWE07779	2014-08-29	3	5	0	0	0	L0.000			0	0		580				8	338	26		349	31									
14SWE07939	2014-09-22	4	6	0	0	0	0	0	L0.000	1	1		610	373			8	339	26	184	350	31	4	8			75	7	0		8
15SWL82401	2015-06-24	5.1	2.1	0.009	0.003	L0.050	L0.005	L0.003	L0.003	0.64	0.645	71	620	360	370	1.8	8.86	330	19	210	360	23	4.3	12	19	39	71	8.2			7.4
15SWL83401	2015-07-31	3.3	3.4	0.011	0.1	L0.050	L0.005	0.003	L0.003	0.86	0.865	78	620	340	330	2	8.81	320	18	200	350	22	L1.0	12	17	38	72	8.4			7.5
15SWL84401	2015-08-25	3.3	4.6	0.038	0.03	L0.050	L0.005	0.004	L0.003	0.63	0.635	16	610	350	330	1.8	8.78	330	16	200	360	19	4.9	13	17	38	69	8.2			6.6
15SWL85401	2015-09-29	2.7	5.9	0.013	0.009	L0.050	L0.005	L0.003	L0.003	0.58	0.585	45	610	350	340	1.6	8.88	320	18	200	350	22	4.3	13	16	38	67	7.9			7.6
16SWE04694	2016-06-14	4	2	0	0	L0.000	L0.000	L0.000	L0.000	1	1		630	360			8	340	17	210	380	21	4	13	17	40	68	8			6
16SWE04937	2016-07-12	3	5	0	0	L0.000	L0.000	0	L0.000	1	1		610	360			8	330	18	210	360	22	4	13	16	41	71	8			9
16SWE09262	2016-08-01																														
16SWE08932	2016-08-30	3	8	0	0	L0.000	L0.000	L0.000	L0.000	1	1		630	370			8	340	21	220	370	25	4	12	17	42	76	8			7