Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, FL, (ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0027	20040825, 1230	0.5									97	24	0.14	1.2	0.71	0.154	0.084		216	19	130	<5	<0.001	<0.01	2.74	<5	0.38	7.9	13.4	<0.0002				
1MARKSS0027	20040908, 1310	0.5									103	40	0.06	0.94	0.75	0.154	0.079		214	17	170	<5	<0.001	<0.01	2.23	<5	0.21	15.2	11.3	<0.0002				
1MARKSS0027	20040929, 1150	0.5									108	44	<0.02	1	0.7	0.145	0.064		222	16	160	<5	<0.001	<0.01	2.51	<5	0.26	12.1	14.9	<0.0002				
1MARKSS0027	20050316, 1245	0.5										6	0.2	0.85	<0.02	0.065	<0.020	5.17		19					0.34		0.11	17.8	16					
1MARKSS0027	20050330, 1230	0.5										18	0.12	0.86	0.07	0.039	<0.020	4.97		18					0.73		0.1	3.3	0.4					
1MARKSS0027	20050413, 1300	0.5										23	0.23	0.79	0.14	0.098	<0.020	6.01		18					1.21		0.08	6.9	4.5					
1MARKSS0027	20050427, 1255	0.5										22	0.1	0.78	0.14	0.078	<0.020	5.44		19					0.95		0.05	12.9	5.9					
1MARKSS0027	20050511, 1315	0.5										16	0.09	0.77	0.04	0.067	<0.020	5.21		20					0.45		0.11	13.1	7.7					
1MARKSS0027	20050525, 1325	0.5										18	0.49	1.22	0.17	0.138	0.069	5.3		18					2		0.92	3.4	8.8					
1MARKSS0027	20050608, 1310	0.5										13	0.11	0.77	0.32	0.102	0.04	4.7		16.5					1.07		0.09	7.8	2.5					
1MARKSS0027	20050629, 1255	0.5										44	0.06	0.85	0.4	0.149	0.072	4.75		15					2.11		0.11	12.1	8.9					
1MARKSS0027	20050713, 1220	0.5										38	0.15	0.96	0.53	0.203	0.084	4.16		16					3.06		0.51	10.6	17.9					
1MARKSS0027	20050727, 1215	0.5										58	0.12	0.92	0.08	0.196	0.062	4.64		16					2.62		0.23	27.5	25.5					
1MARKSS0027	20050817, 1215	0.5										32	0.13	0.83	0.28	0.175	0.045	4.34		14					2.37		0.3	9.9	19.3					
1MARKSS0027	20050831, 1155	0.5										67	0.04	0.71	0.48	0.161	0.106	7.02		15.1					1.6		0.25	6.4	9.5					
1MARKSS0027	20050914, 1200	0.5										38	0.05	0.88	0.16	0.163	0.071	4.54		26					1.95		0.19	31	18.3					
1MARKSS0027	20050928, 1140	0.5										66	0.11	1.11	0.09	0.18	0.05	4.9		27					3.16		0.31	18.1	21.4					
1MARKSS0028	20040525, 1015	0.1		22.8	23.3		613	8.38	97.5	8.31																								42
1MARKSS0028	20040525, 1015	0.5	9.3	22.81	20	0.56	614	8.31	96.7	8.3	132	10	0.03	1.56	0.22	0.111	<0.020		276	19	165	<5	<0.001	<0.01	0.71	<5	0.07	73.86	13.1	0.0002				42
1MARKSS0028	20040525, 1015	1		22.81	19.8		614	8.28	96.3	8.3																								42
1MARKSS0028	20040525, 1015	2		22.8	16		614	8.17	95	8.29																								42
1MARKSS0028	20040525, 1015	3		22.8	14.8		614	8.27	96.2	8.29																								42
1MARKSS0028	20040525, 1015	4		22.79	17.1		615	8.08	93.9	8.27																								41
1MARKSS0028	20040525, 1015	5		22.76	12.3		614	7.97	92.6	8.26																								41
1MARKSS0028	20040525, 1015	6		22.71	12.4		615	8.02	93.1	8.26																								41
1MARKSS0028	20040525, 1015	7		22.73	12.4		615	8.15	94.7	8.27																								41
1MARKSS0028	20040525, 1015	8		22.67	13.8		615	7.95	92.2	8.25	130	20	0.07	1.3	0.37	0.08	<0.020		276	19	160	<5	<0.001	<0.01	0.92	<5	0.08			<0.0002				41
1MARKSS0028	20040616, 1110	0.1		24.28	11.8		612	8.02		8.37																								42
1MARKSS0028	20040616, 1110	0.5	9.4	24.25	12.6	1	613	7.93		8.35	123	6	0.22	1.04	0.2	0.096	0.04		274	18	160	<5	<0.001	<0.01	0.31	<5	0.04	25.2	3.7	<0.0002				42
1MARKSS0028	20040616, 1110	1		24.23	9.7		613	7.75		8.32																								42
1MARKSS0028	20040616, 1110	2		24.06	9.3		614	7.01		8.26																								41
1MARKSS0028	20040616, 1110	3		23.89	12		615	6.64		8.22																								40
1MARKSS0028	20040616, 1110	4		23.86	12.2		615	6.61		8.2																								40
1MARKSS0028	20040616, 1110	5		23.77	15.6		615	6.15		8.16																								39
1MARKSS0028	20040616, 1110	6		23.75	16.8		615	5.88		8.14																								39
1MARKSS0028	20040616, 1110	7		23.73	17.9		615	5.64		8.13																								38
1MARKSS0028	20040616, 1110	8		23.7			615	5.52		8.12	125	10	0.45	1.12	0.56	0.134	0.07		272	18	160	<5	<0.001	<0.01	1.07	<5	0.35			<0.0002				38
1MARKSS0028	20040616, 1110	9		23.41			617	3.19		7.93																								34
1MARKSS0028	20040630, 1245	0.1		23.18	10		564	6.84	80.1	8.41																								41
1MARKSS0028	20040630, 1245	0.5	9.5	22.92	10.1	0.8	563	6.84	79.7	8.41	105	3	0.186	0.94	0.09	0.076	0.045		242	19	155	<5	<0.001	<0.01	0.36	<5	0.13	19.2	3.9	<0.0002				41
1MARKSS0028	20040630, 1245	1		22.83	10.7		563	6.43	74.8	8.38																								40
1MARKSS0028	20040630, 1245	2		22.77	10.6		563	6.33	73.5	8.37																								40
1MARKSS0028	20040630, 1245	3		22.71	10.2		563	6.3	73.2	8.36																								40
1MARKSS0028	20040630, 1245	4		22.69	10.7		564	6.31	73.3	8.34																								40
1MARKSS0028	20040630, 1245	5		22.68	11.1		563	6.32	73.3	8.33																								40
1MARKSS0028	20040630, 1245	6		22.67	13.5		564	6.19	71.8	8.31																								39
1MARKSS0028	20040630, 1245	7		22.64	9.4		566	6.03	69.9	8.3																								39
1MARKSS0028	20040630, 1245	8		22.6	16		567	5.56	64.4	8.26																								39
1MARKSS0028	20040630, 1245	9		22.58	41.5		570	5.03	58.3	8.25	107	8	0.335	1.33	0.06	0.157	0.048		244	19	155	<5	<0.001	<0.01	0.89	<5	0.27			<0.0002				38
1MARKSS0028	20040714, 1210	0.1		27.18	15.5		526	7.13	89.8	8.36																								48
1MARKSS0028	20040714, 1210	0.5	9.5	26.74	13.1	0.68	545	5.97	74.7	8.25	93	9	0.12	1.13	0.05	<0.020	<0.020		230	17	140	<5	<0.001	<0.01	0.48	<5	0.06	28.9	7.9	<0.0002				46
1MARKSS0028	20040714, 1210	1		26.32	12.5		548	5.66	70.3	8.2																								46
1MARKSS0028	20040714, 1210	2		26.01	12.7		549	5.44	67.1	8.15																								45
1MARKSS0028	20040714, 1210	3		25.98	12.8		549	5.4	66.7	8.14																								45
1MARKSS0028	20040714, 1210	4		25.95	14.5		549	5.2	64.1	8.07																								45
1MARKSS0028	20040714, 1210	5		25.9	17.8		550	4.18	51.5	7.97																								44
1MARKSS0028	20040714, 1210	6		25.68	24.6		553	3.46	42.4	7.9																								42
1MARKSS0028	20040714, 1210	7		25.62	25.8		554	3.26	39.9	7.88																								42
1MARKSS0028	20040714, 1210	8		25.57	27.6		555	2.92	35.8	7.85																								42
1MARKSS0028	20040714, 1210	9		25.25	20.9		560	1.56	19	7.79	101	16	0.52	1.18	0.08	0.07	0.097		234	19	145	<5	<0.001	<0.01	1.32	<5	0.51			<0.0002				40
1MARKSS0028	20040728, 1200	0.1		23.7	25.2		496	4.68	55.4	7.77																								43
1MARKSS0028	20040728, 1200	0.5	10	23.7	25.6	0.45	496	4.67	55.3	7.76	88	15	0.1	0.95	0.542	0.149	0.097		206	17	140	6	<0.001	<0.01	1.19	<5	0.12	8.4	3.8	<0.0002				43
1MARKSS0028	20040728, 1200	1		23.7	25.3		495	4.65	55	7.74																								43
1MARKSS0028	20040728, 1200	2		23.7	25.4		495	4.6	54.4	7.72																								43
1MARKSS0028	20040728, 1200	3		23.67	25.6		494	4.45	52.6	7.68																								43
1MARKSS0028	20040728, 1200	4		23.64	25.9		495	4.08	48.2	7.62																								42
1MARKSS0028	20040728, 1200	5		23.6	28.2		497	3.01	35.6	7.54																								41
1MARKSS0028	20040728, 1200	6		23.1	44.5		453	1.53	17.9	7.46																								39
1MARKSS0028	20040728, 1200	7		23.08	47.5		454	1.17	13.7	7.44																								38
1MARKSS0028	20040728, 1200	8		22.9	52.4		433	0.89	10.4	7.45																								38
1MARKSS0028	20040728, 1200	9		22.87	53.9		431	0.84	9.8	7.47	82	27	0.23	1.23	0.68	0.221	0.138		186	14	120	7	<0.001	<0.01	2.35	<5	0.32			0.0025				38
1MARKSS0028	20040811, 1015	0.1		25.21	29.4		491	7.44	90.5	8.2																								46
1MARKSS0028	20040811, 1015	0.5	9.3	25.21	28.7	0.47	491	7.38	89.7	8.18	96	23	0.06	1.07	0.57	0.127	0.064		204	17	115	6	<0.001	<0.01	1.34	<5	0.1	27.7	5.7	<0.0002				46
1MARKSS0028	20040811, 1015	1		25.22	30.6		491	7.4	90.1	8.18																								46
1MARKSS0028	20040811, 1015	2		25.21	28.8		491	7.39	89.9	8.17																								46
1MARKSS0028	20040811, 1015	3		25.22	30		491	7.32	89	8.14																								46
1MARKSS0028	20040811, 1015	4		25.16	29.3		491	7.24	88	8.1																								46
1MARKSS0028	20040811, 1015	5		25.18	28.8		491	7.1	86.3	8.07																								45
1MARKSS0028	20040811, 1015	6		25.17	28.4		491	6.7	81.5	8.01																								46
1MARKSS0028	20040811, 1015	7		25.08	35.7		492	5.59	67.9	7.9																								44
1MARKSS0028	20040811, 1015	8		24.68	50.9		496	1.91	23	7.7																								39
1MARKSS0028	20040811, 1015	9		24.44	171		498	1.31	15.8	7.72	96	31	0.14	1.04	0.63	0.166	0.08		210	17	120	6	<0.001	<0.01	1.75	<5	0.28			0.0029				37
1MARKSS0028	20040825, 1015	0.1		23.99	25.7		501	6.42	76.3	7.91																					1213	1688		42
1MARKSS0028	20040825, 1015	0.5	9.2	23.99	25.9	0.31	501	6.37	75.8	7.91	101	13	0.07	0.91	0.66	0.123	0.071		206	15	130	<5	<0.001	<0.01	1.11	<5	0.09	8.8	5.5	0.0007	1338	354.9		42
1MARKSS0028	20040825, 1015	1		23.99	25.7		501	6.33	75.3	7.91																					1247	72.64		42
1MARKSS0028	20040825, 1015	2		23.94	26.5		501	6.14	73	7.91																					1305	3.056		42
1MARKSS0028	20040825, 1015	3		23.92	27.3		501	6.06	72	7.91																					1308	0.1011		42
1MARKSS0028	20040825, 1015	4		23.87	35.1		501	5.89	69.9	7.91																								42
1MARKSS0028	20040825, 1015	5		23.83	30.6		501	5.72	67.8	7.91																								41
1MARKSS0028	20040825, 1015	6		23.8	33.3		501	5.49	65	7.91																								41
1MARKSS0028	20040825, 1015	7		23.64	40		501	4.9	57.9	7.91																								40
1MARKSS0028	20040825, 1015	8		23.36	43.9		501	4.52	53.2	7.94	96	16	0.13	0.83	0.66	0.181	0.077		204	17	140	<5	<0.001	<0.01	1.22	<5	0.1			0.0005				40
1MARKSS0028	20040908, 1125	0.1		23.46	29.3		514	5.84	68.8	7.79																								42
1MARKSS0028	20040908, 1125	0.5	9.1	23.26	30	0.23	513	5.79	67.9	7.78	100	15	0.03	0.93	0.79	0.124	0.085		218	16	140	<5	<0.001	<0.01	1.4	<5	0.1	7.3	3.4	<0.0002				41
1MARKSS0028	20040908, 1125	1		23.22	30.4		513	5.71	66.9	7.77																								41
1MARKSS0028	20040908, 1125	2		23.2	31.4		513	5.69	66.7	7.76																								41
1MARKSS0028	20040908, 1125	3		23.19	32.2		513	5.69	66.7	7.76																								41
1MARKSS0028	20040908, 1125	4		23.18	36.8		513	5.61	65.7	7.74																								41
1MARKSS0028	20040908, 1125	5		23.18	32.9		513	5.55	65.1	7.73																								41
1MARKSS0028	20040908, 1125	6		23.18	31.9		514	5.53	64.8	7.72																								40
1MARKSS0028	20040908, 1125	7		23.15	39.6		514	5.5	64.4	7.7																								41
1MARKSS0028	20040908, 1125	8		23.14	37.3		514	5.5	64.4	7.68	100	28	0.03	0.86	0.7	0.147	0.08		220	17	140	<5	<0.001	<0.01	1.4	<5	0.13			0.0005				41
1MARKSS0028	20040929, 0945	0.1		21.18	21		531	8.34	94	8.12																								37
1MARKSS0028	20040929, 0945	0.5	8.9	21.17	21.2	0.3	532	8.18	92.2	8.09	116	23	0.06	0.83	0.52	0.141	0.038		220	17	150	<5	<0.001	<0.01	1.2	<5	0.9	29.3	17	<0.0002				37
1MARKSS0028	20040929, 0945	1		21.17	21.9		532	8.08	91.1	8.07																								37

Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, C ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0028	20040929, 0945	2		21.15	21.5		532	7.96	89.7	8.02																								37
1MARKSS0028	20040929, 0945	3		21.15	21.5		532	7.77	87.5	7.95																								37
1MARKSS0028	20040929, 0945	4		21.13	23.2		533	7.27	81.9	7.83																								36
1MARKSS0028	20040929, 0945	5		21.13	28.7		535	4.93	55.5	7.61																								33
1MARKSS0028	20040929, 0945	6		21.11	32		536	3.78	42.6	7.57																								32
1MARKSS0028	20040929, 0945	7		21.08	34.6		536	3.55	39.9	7.58																								31
1MARKSS0028	20040929, 0945	8		21.08	42.6		537	3.15	35.4	7.61	106	30	0.25	0.9	0.72	0.131	0.064		220	17	150	<5	<0.001	<0.01	2.02	<5	0.26			0.0006				31
1MARKSS0028	20050316, 1000	0.1		8.29	7.1		575	10.91	92.9	8.15																					1179	1644	9.39	36
1MARKSS0028	20050316, 1000	0.5	9.5	8.2	7.1	0.89	575	10.9	92.7	8.15		9	0.07	0.74	<0.02	0.068	<0.020	5		19					0.35		0.08	15.3	11.2		1140	1438	9.26	36
1MARKSS0028	20050316, 1000	1		8.12	7.4		575	10.87	92.2	8.15																		17.1	8.7		1213	779.8	12.6	36
1MARKSS0028	20050316, 1000	2		7.99	7.2		575	10.86	91.9	8.15																		16.2	10.3		1229	308.3	12.5	36
1MARKSS0028	20050316, 1000	3		7.99	7.5		575	10.84	91.7	8.14																					1272	58.89	12.1	36
1MARKSS0028	20050316, 1000	4		7.98	8		575	10.88	92	8.13																					1281	11.95	12.2	36
1MARKSS0028	20050316, 1000	5		7.98	7.7		576	10.92	92.3	8.13																		16.3	11		1222	2.598	12.1	36
1MARKSS0028	20050316, 1000	6		7.97	15.6		575	10.93	92.4	8.13																							12	36
1MARKSS0028	20050316, 1000	7		7.97	17.2		575	10.93	92.4	8.13																								36
1MARKSS0028	20050316, 1000	8		7.97	20.2		575	10.9	92.2	8.12																								35
1MARKSS0028	20050316, 1000	9		7.96	18.9		576	10.92	92.3	8.1		8	0.06	0.72	<0.02	0.076	<0.020	5.27		19					0.35		0.08							36
1MARKSS0028	20050330, 1200	0.1		9.22	10.2		590	10.56	92	8.06																								33
1MARKSS0028	20050330, 1200	0.5	9.3	9.22	10.3	No Data	590	10.54	91.8	8.06		11	0.13	1.01	0.05	0.047	<0.020	5.27		15					0.63		0.11	2.7	0.3					33
1MARKSS0028	20050330, 1200	1		9.22	10.3		590	10.62	92.5	8.06																								33
1MARKSS0028	20050330, 1200	2		9.22	10.3		590	10.54	91.8	8.06																								33
1MARKSS0028	20050330, 1200	3		9.22	10.8		590	10.55	91.9	8.06																								33
1MARKSS0028	20050330, 1200	4		9.22	10.6		590	10.54	91.9	8.06																								33
1MARKSS0028	20050330, 1200	5		9.21	10.8		590	10.55	91.9	8.06																								33
1MARKSS0028	20050330, 1200	6		9.22	10.9		590	10.54	91.8	8.05																								33
1MARKSS0028	20050330, 1200	7		9.22	11.3		590	10.54	91.8	8.06																								33
1MARKSS0028	20050330, 1200	8		9.21	12.2		590	10.54	91.8	8.06		13	0.11	0.85	0.05	0.047	<0.020	5.13		15					0.7		0.02							33
1MARKSS0028	20050330, 1200	9		9.21	14.9		590	10.54	91.8	8.05																								33
1MARKSS0028	20050413, 1030	0.1		13.03	15.2		608	9.55	90.8	8.08																								31
1MARKSS0028	20050413, 1030	0.5	9.1	13.03	14.9	0.72	608	9.56	90.9	8.08		14	0.25	0.89	0.16	0.092	0.033	5.58		19					1.06		0.06	2.3	<0.2					31
1MARKSS0028	20050413, 1030	1		13.02	14.9		607	9.54	90.8	8.08																		3.7	2.1					31
1MARKSS0028	20050413, 1030	2		13.02	15.4		607	9.55	90.8	8.08																		5.4	3.7					31
1MARKSS0028	20050413, 1030	3		13.02	15		607	9.54	90.7	8.08																		5.5	2.9					31
1MARKSS0028	20050413, 1030	4		13.02	15.1		607	9.5	90.4	8.08																		4.8	3.2					30
1MARKSS0028	20050413, 1030	5		13.03	15.2		608	9.46	90	8.07																		5.6	3.9					30
1MARKSS0028	20050413, 1030	6		13.03	15.2		608	9.45	90	8.07																		4.8	3.2					31
1MARKSS0028	20050413, 1030	7		13.03	15.3		608	9.45	89.9	8.07																								30
1MARKSS0028	20050413, 1030	8		13.03	14.9		608	9.43	89.7	8.06		18	0.24	0.74	0.12	0.126	0.028	5.89		18					1.09		0.06							30
1MARKSS0028	20050427, 1005	0.1		14.87	9.7		611	10.2	101	8.29																					792.6	1388		34
1MARKSS0028	20050427, 1005	0.5	8.9	14.83	9.9	0.65	611	10.18	100.8	8.29		15	0.11	0.87	0.14	0.055	<0.020	4.72		19					0.072		0.02	16.9	5.4		949.1	1099		34
1MARKSS0028	20050427, 1005	1		14.8	9.8		611	10.1	99.9	8.27																		16.7	5.6		548.2	707.6		34
1MARKSS0028	20050427, 1005	2		14.65	9.9		611	10.02	98.8	8.26																		17.8	7.1		66	247.2		34
1MARKSS0028	20050427, 1005	3		14.62	9.8		611	9.99	98.4	8.26																		18.3	6.8		250.9	24		33
1MARKSS0028	20050427, 1005	4		14.61	10.1		611	10	98.5	8.25																		16.1	5.4		270.8	5.486		34
1MARKSS0028	20050427, 1005	5		14.61	9.7		611	9.99	98.4	8.25																		16.5	5.8		574	1.034		33
1MARKSS0028	20050427, 1005	6		14.59	10.1		611	9.99	98.4	8.24																		17.7	5.8					33
1MARKSS0028	20050427, 1005	7		14.58	11.9		611	9.98	98.3	8.24																								33
1MARKSS0028	20050427, 1005	8		14.53	10		611	10.01	98.4	8.23		12	0.13	0.8	0.14	0.055	0.02	4.69		19					0.67		0.03							33
1MARKSS0028	20050511, 1020	0.1		18.02	3.6		615	9.57	101.3	8.52																								33
1MARKSS0028	20050511, 1020	0.5	9.3	18	3.7	1.5	614	9.57	101.2	8.52		14	0.06	0.72	0.02	0.047	<0.020	5.13		20					0.21		0.04	9.9	7					33
1MARKSS0028	20050511, 1020	1		17.99	3.6		614	9.55	101	8.52																		12.5	7.6					33
1MARKSS0028	20050511, 1020	2		17.96	3.9		615	9.52	100.7	8.51																		13	7.7					33
1MARKSS0028	20050511, 1020	3		17.92	4		615	9.5	100.4	8.51																		12.8	8					33
1MARKSS0028	20050511, 1020	4		17.88	3.7		615	9.45	99.7	8.51																		13.3	6.2					34
1MARKSS0028	20050511, 1020	5		17.83	4		615	9.4	99.1	8.5		10	0.08	0.81	0.02	0.072	<0.020	5.17		20					0.3		0.05	11.7	7.3					33
1MARKSS0028	20050511, 1020	6		17.83	4.1		615	9.36	98.7	8.49																		12.4	5.3					32
1MARKSS0028	20050511, 1020	7		17.79	4.5		615	9.27	97.7	8.48																								32
1MARKSS0028	20050511, 1020	8		17.78	15.9		615	9.17	96.6	8.48																								32
1MARKSS0028	20050511, 1020	9		17.68	11.7		616	9.07	95.3	8.46																								32
1MARKSS0028	20050525, 1005	0.5	9.5	22.04	7.8	0.95	581	7.28	83.5	8		2	0.25	0.79	0.13	0.073	0.028	No Data		18					0.49		0.04	3.9	1.5					38
1MARKSS0028	20050525, 1005	1		21.83	8.3		581	7.2	82.2	7.98																		3.4	0.1					37
1MARKSS0028	20050525, 1005	2		21.73	8.4		581	7.09	80.8	7.97																		4.7	1.7					38
1MARKSS0028	20050525, 1005	3		21.71	8.8		581	6.9	78.5	7.92																		3.4	1					38
1MARKSS0028	20050525, 1005	4		21.65	9.6		581	6.58	74.9	7.88																		3.7	0.7					37
1MARKSS0028	20050525, 1005	5		21.57	12.2		581	5.71	64.8	7.79																								36
1MARKSS0028	20050525, 1005	6		20.75	15.1		586	4.85	54.3	7.75																		2.7	1.8					34
1MARKSS0028	20050525, 1005	7		20.27	16		590	5.15	57.1	7.79																								34
1MARKSS0028	20050525, 1005	8		19.91	30.2		593	2.44	26.8	7.61		22	0.54	1.25	0.12	0.111	0.054	5.28		18					1.38		0.72							31
1MARKSS0028	20050525, 1005	9		19.61	24.9		597	2.02	22.1	7.64																								30
1MARKSS0028	20050608, 1215	0.1		23.05	18.9		305	7.6	88.8	8.02																								36
1MARKSS0028	20050608, 1215	0.5	10	23.04	18.7	0.69	555	7.59	88.7	8.02		9	0.14	0.81	0.3	0.087	0.04	4.5		18					0.97		0.08	7.5	3					36
1MARKSS0028	20050608, 1215	1		23.03	18.7		555	7.59	88.6	8.03																		8.3	1					36
1MARKSS0028	20050608, 1215	2		23.01	19.2		555	7.59	88.7	8.03																		7.7	1.8					37
1MARKSS0028	20050608, 1215	3		22.99	18.7		556	7.58	88.5	8.03																		6.4	6.5					37
1MARKSS0028	20050608, 1215	4		22.98	18.8		555	7.58	88.5	8.03																		7.5	0.7					37
1MARKSS0028	20050608, 1215	5		22.96	19.1		555	7.58	88.4	8.02																		7.2	0.8					37
1MARKSS0028	20050608, 1215	6		22.98	19.2		556	7.61	88.8	8.03																		6.5	0.5					37
1MARKSS0028	20050608, 1215	7		22.98	19.3		556	7.6	88.7	8.02																								37
1MARKSS0028	20050608, 1215	8		22.98	20.1		556	7.59	88.5	7.99																								36
1MARKSS0028	20050608, 1215	9		22.95	29.7		556	7.55	88.1	7.94		13	0.14	0.72	0.32	0.088	0.041	4.6		17					0.53		0.08							36
1MARKSS0028	20050629, 1025	0.1		26.18	29.2		495	6.61	81.8	8.01																								55
1MARKSS0028	20050629, 1025	0.5	9.7	26.19	29.2	0.43	495	6.6	81.7	8.01		24	0.04	0.7	0.38	0.135	0.067	4.66		15.5					1.35		0.07	13.6	8					55
1MARKSS0028	20050629, 1025	1		26.19	30.1		495	6.56	81.2	8.01																		12.6	7.8					55
1MARKSS0028	20050629, 1025	2		26.19	30.3		495	6.55	81.2	8																		13.6	8.6					55
1MARKSS0028	20050629, 1025	3		26.18	29.9		495	6.56	81.2	8																		11.8	8.4					55
1MARKSS0028	20050629, 1025	4		26.18	30.5		495	6.56	81.2	8																		12.3	8					55
1MARKSS0028	20050629, 1025	5		26.18	30.3		495	6.54	81	8																		12.2	9.1					55
1MARKSS0028	20050629, 1025	6		26.17	34		496	6.53	80.8	7.99																		14	9.3					55
1MARKSS0028	20050629, 1025	7		26.17	37.7		496	6.52	80.8	7.99																								55
1MARKSS0028	20050629, 1025	8		26.17	36		496	6.47	80.1	7.98																								55
1MARKSS0028	20050629, 1025	9		26.12	58.4		496	6.22	76.9	7.96		23	0.06	0.82	0.4	0.127	0.08	4.6		15					1.43		0.08							54
1MARKSS0028	20050713, 1015	0.1		27.28	14.2		495	10.29	130	8.65																								61
1MARKSS0028	20050713, 1015	0.5	8.9	27.18	14.6	0.52	495	10.15	127.9	8.62		6	0.07	0.88	0.18	0.123	0.043	4.46		16					0.63		0.02	32.2	20					61
1MARKSS0028	20050713, 1015	1		27.07	14.5		496	9.73	122.4	8.58																		33.9	18.6					60
1MARKSS0028	20050713, 1015	2		26.97	14.1		496	9.48	119.1	8.54																		33.2	18.7					60
1MARKSS0028	20050713, 1015	3		26.59	14.8		499	7.78	97	8.32																		31.5	19.2					57
1MARKSS0028	20050713, 1015	4		26.55	15.2		499	7.49	93.4	8.26																		27.7	13.5					56
1MARKSS0028	20050713, 1015	5		26.47	14.3		499	7.32	91	8.21																		22	11.6					56
1MARKSS0028	20050713, 1015	6		26.32	21.1		501	6.44	79.9	8.08																		25.4	13.3					54
1MARKSS0028	20050713, 1015	7		26.06	35.1		501	4.96	61.2	7.9																								52
1MARKSS0028	20050713, 1015	8		25.72	36.3		502	3.57	43.9	7.81		10	0.09	0.79	0.34	0.117	0.066	4.02		15.5					0.94		0.05							49
1MARKSS0028	20050727, 1020	0.1		25.99	23.4		498	7.17	88.5	8.48																								53
1MARKSS0028	20050727, 1020	0.5	9.18	25.99	23.3	0.42	498	7.16	88.3	8.48		29	0.11	0.86	0.12	0.141	0.415	4.92		16					1.27		0.13	32.4	19.2					53
1MARKSS0028	20050727, 1020	1		25.97	23.8		498	7.09	87.5	8.48																								53
1MARKSS0028	20050727, 1020	2		25.93	23.9		498	7.01	86.4	8.48																								52

Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, FL, (ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0028	20050727, 1020	3		25.94	23.8		498	7.01	86.4	8.47																								52
1MARKSS0028	20050727, 1020	4		25.93	24.5		499	7	86.3	8.48																								52
1MARKSS0028	20050727, 1020	5		25.9	24.4		498	6.97	85.9	8.47																								52
1MARKSS0028	20050727, 1020	6		25.9	24.6		498	6.93	85.4	8.47																								52
1MARKSS0028	20050727, 1020	7		25.86	27.4		499	6.81	83.9	8.45																								51
1MARKSS0028	20050727, 1020	8		25.85	30.3		499	6.74	82.9	8.44		25	0.1	0.84	0.1	0.149	0.075	4.85		16					1.39		0.11							51
1MARKSS0028	20050727, 1020	9		25.83	46.7		499	6.64	81.7	8.43																								50
1MARKSS0028	20050817, 1015	0.1		24.93	13.5		520	5.01	60.7	8.09																								47
1MARKSS0028	20050817, 1015	0.5	9.1	24.79	15.7	0.69	520	4.64	56	8.04		<2	0.06	0.65	0.3	0.109	0.048	4.57		14					0.68		0.08	6.9	5.4					47
1MARKSS0028	20050817, 1015	1		24.75	16.1		520	4.55	54.9	8.03																								46
1MARKSS0028	20050817, 1015	2		24.74	17.2		520	4.51	54.4	8.03																								46
1MARKSS0028	20050817, 1015	3		24.74	16.9		520	4.51	54.4	8.03																								46
1MARKSS0028	20050817, 1015	4		24.74	17.3		520	4.44	53.6	8.02																								46
1MARKSS0028	20050817, 1015	5		24.74	18.3		520	4.37	52.7	8.01																								46
1MARKSS0028	20050817, 1015	6		24.74	18.5		520	4.35	52.4	8.01																								46
1MARKSS0028	20050817, 1015	7		24.74	18.8		520	4.24	51.2	7.99																								45
1MARKSS0028	20050817, 1015	8		24.74	22.8		520	4.28	51.7	8		11	0.07	0.67	0.25	0.127	0.045	4.52		14					0.88		0.1							45
1MARKSS0028	20050817, 1015	9		24.72	36.3		521	3.46	41.7	7.94																								44
1MARKSS0028	20050831, 0945	0.1		25.46	10.4		496	6.3	77	8.23																								50
1MARKSS0028	20050831, 0945	0.5	8.9	25.44	10.5	0.52	496	6.17	75.4	8.22		8	0.07	0.71	0.24	0.109	0.145	5.17		15.1					0.55		0.05	18.2	11.6					50
1MARKSS0028	20050831, 0945	1		25.42	10.6		496	5.87	71.7	8.19																								49
1MARKSS0028	20050831, 0945	2		25.36	10.8		497	5.4	65.8	8.12																								48
1MARKSS0028	20050831, 0945	3		25.37	10.1		497	5.39	65.8	8.12																								48
1MARKSS0028	20050831, 0945	4		25.31	15.5		498	3.06	37.2	7.82																								45
1MARKSS0028	20050831, 0945	5		25.26	18.8		499	2.05	24.9	7.7																								43
1MARKSS0028	20050831, 0945	6		25.22	23.4		499	1.65	20	7.67																								42
1MARKSS0028	20050831, 0945	7		25.21	22.9		499	1.59	19.3	7.66																								42
1MARKSS0028	20050831, 0945	8		25.21	24.9		499	1.51	18.4	7.66		11	0.04	0.65	0.45	0.146	0.11	4.86		15.1					0.97		0.13							42
1MARKSS0028	20050914, 1000	0.1		23.75	17		512	7.6	89.9	8.36																								54
1MARKSS0028	20050914, 1000	0.5	8.9	23.76	17	0.48	512	7.59	89.9	8.36		19	0.02	0.76	0.13	0.127	0.068	4.59		26					0.91		0.09	19	12					54
1MARKSS0028	20050914, 1000	1		23.77	17.6		513	7.55	89.5	8.36																								54
1MARKSS0028	20050914, 1000	2		23.76	17.1		512	7.57	89.7	8.36																								54
1MARKSS0028	20050914, 1000	3		23.76	17.3		513	7.52	89	8.35																								54
1MARKSS0028	20050914, 1000	4		23.76	17.4		513	7.52	89	8.35																								54
1MARKSS0028	20050914, 1000	5		23.76	17.8		513	7.49	88.8	8.35																								53
1MARKSS0028	20050914, 1000	6		23.73	20.2		513	7.43	87.9	8.34																								54
1MARKSS0028	20050914, 1000	7		23.63	29.4		513	7.35	86.9	8.32																								54
1MARKSS0028	20050914, 1000	8		23.61	35.3		513	7.31	86.3	8.32		20	0.03	0.71	0.15	0.148	0.075	4.56		26					1.08		0.1							53
1MARKSS0028	20050928, 1000	0.1		23.24	13.4		501	7.34	86.1	8.44																								53
1MARKSS0028	20050928, 1000	0.5	9.1	23.24	13.5	0.7	501	7.33	86	8.44		18	0.03	0.86	0.06	0.092	0.041	4.91		26					0.69		0.07	17.4	9.9					53
1MARKSS0028	20050928, 1000	1		23.24	13.3		501	7.32	85.9	8.44																								53
1MARKSS0028	20050928, 1000	2		23.24	13.4		501	7.32	85.8	8.44																								52
1MARKSS0028	20050928, 1000	3		23.24	13.6		501	7.3	85.6	8.43																								52
1MARKSS0028	20050928, 1000	4		23.24	13.4		501	7.3	85.5	8.43																								52
1MARKSS0028	20050928, 1000	5		23.21	16.4		501	7.01	82.1	8.39																								52
1MARKSS0028	20050928, 1000	6		23.19	20.2		501	6.85	80.2	8.37																								52
1MARKSS0028	20050928, 1000	7		23.13	28.7		502	6.42	75.2	8.32																								51
1MARKSS0028	20050928, 1000	8		23.1	28.4		503	6.15	71.9	8.3		22	0.06	0.87	0.06	0.104	0.046	4.9		27					1.38		0.14							50
1MARKSS0028	20050928, 1000	9		23.08	29.1		503	6.08	71	8.3																								50
1MARKSS0029	20040525, 1105	0.1		23	38.7		617	8.42	98.4	8.36																								42
1MARKSS0029	20040525, 1105	0.5	5.2	23.01	39.6	0.4	617	8.38	97.9	8.36	131	26	0.06	1.25	0.28	0.08	<0.020		278	19	160	<5	<0.001	<0.01	1.59	<5	0.12	26.78	8.2	<0.0002				42
1MARKSS0029	20040525, 1105	1		23.01	38.7		617	8.39	98	8.35																								43
1MARKSS0029	20040525, 1105	2		23.01	40.3		617	8.39	98	8.35																								42
1MARKSS0029	20040525, 1105	3		23	42.7		617	8.38	97.9	8.34																								42
1MARKSS0029	20040525, 1105	4		23.01	43.3		617	8.31	97	8.32																								42
1MARKSS0029	20040525, 1105	5		23			617	8.33	97.2	8.31																								42
1MARKSS0029	20040616, 1150	0.1		25.33	16.8		180	10.13		8.62																								45
1MARKSS0029	20040616, 1150	0.5	5.27	25.35	17.4	0.75	603	10.13		8.62	118	10	0.04	1.26	0.14	0.104	<0.02		270	18	155	<5	<0.001	<0.01	0.36	<5	0.03	44.8	14.7	<0.0002				46
1MARKSS0029	20040616, 1150	1		25.34	16.6		603	10.05		8.6																								46
1MARKSS0029	20040616, 1150	2		25.27	12.8		603	9.54		8.5																								46
1MARKSS0029	20040616, 1150	3		25.03	13.4		604	8.86		8.4																								44
1MARKSS0029	20040616, 1150	4		24.82	14.6		608	6.02		8.22																								41
1MARKSS0029	20040616, 1150	5		24.31			613	4.39		8.14																								37
1MARKSS0029	20040630, 1220	0.1		24.37	22.8		551	11.26	134.9	8.93																								47
1MARKSS0029	20040630, 1220	0.5	5.3	24.26	24	0.45	551	11.16	133.4	8.9	102	9	0.026	1.65	0.03	0.091	<0.020		240	19	155	<5	<0.001	<0.01	0.35	<5	0.08	68.4	42.7	<0.0002				47
1MARKSS0029	20040630, 1220	1		24.04	23		550	9.96	118.5	8.79																								45
1MARKSS0029	20040630, 1220	2		23.28	19.6		553	8.93	104.8	8.68																								43
1MARKSS0029	20040630, 1220	3		23.03	27		558	7.92	92.5	8.57																								42
1MARKSS0029	20040630, 1220	4		22.79	33.1		560	7.59	88.2	8.53																								42
1MARKSS0029	20040630, 1220	5		22.67	63.1		563	7.09	82.3	8.5																								41
1MARKSS0029	20040714, 1155	0.1		27.84	20.3		379	9.29	118.4	8.68																								50
1MARKSS0029	20040714, 1155	0.5	7.45	27.93	14.6	0.68	543	9.36	119.6	8.66	95	14	0.03	0.98	<0.02	<0.020	<0.020		233	19	140	<5	<0.001	<0.01	0.44	<5	0.04	34.6	14.7	<0.0002				51
1MARKSS0029	20040714, 1155	1		27.87	14		543	9.26	118.2	8.63																								51
1MARKSS0029	20040714, 1155	2		27.75	15.5		544	8.96	114.1	8.55																								51
1MARKSS0029	20040714, 1155	3		27.49	15.8		545	8.34	105.7	8.43																								50
1MARKSS0029	20040714, 1155	4		27.4	16.8		545	7.89	99.8	8.37																								49
1MARKSS0029	20040714, 1155	5		27.07	20.2		546	6.44	81.1	8.15																								47
1MARKSS0029	20040714, 1155	6		25.85	41.7		555	3.77	46.4	7.93																								43
1MARKSS0029	20040714, 1155	7		25.7	78.6		557	3.42	42	7.94																								43
1MARKSS0029	20040728, 1230	0.1		23.22	37.2		472	4.89	57.3	7.74																								43
1MARKSS0029	20040728, 1230	0.5	7.9	23.25	35.3	0.4	472	4.84	56.8	7.74	84	18	0.12	1.08	0.6	0.171	0.099		190	15	140	7	<0.001	<0.01	1.71	<5	0.12	12.7	4.9	<0.0002				43
1MARKSS0029	20040728, 1230	1		23.24	35.8		472	4.81	56.4	7.73																								43
1MARKSS0029	20040728, 1230	2		23.23	35.8		472	4.79	56.2	7.73																								43
1MARKSS0029	20040728, 1230	3		23.22	36.6		473	4.75	55.7	7.73																								43
1MARKSS0029	20040728, 1230	4		23.21			473	4.65	54.4	7.72																								43
1MARKSS0029	20040728, 1230	5		23.19			476	4.55	53.3	7.71																								43
1MARKSS0029	20040728, 1230	6		23.17			481	4.39	51.4	7.7																								43
1MARKSS0029	20040728, 1230	7		23.16			483	4.39	51.4	7.7																								43
1MARKSS0029	20040811, 1040	0.1		24.9	26.6		493	6.25	75.6	7.92																								44
1MARKSS0029	20040811, 1040	0.5	7.8	24.9	27	0.45	494	6.18	74.8	7.91	98	20	0.04	0.88	0.65	0.152	0.072		204	16	135	5	<0.001	<0.01	1.21	<5	0.1	15.6	6	0.0003				44
1MARKSS0029	20040811, 1040	1		24.9	26.6		494	6.11	73.9	7.9																								44
1MARKSS0029	20040811, 1040	2		24.88	28.2		494	5.91	71.4	7.88																								44
1MARKSS0029	20040811, 1040	3		24.85	27.4		494	6.01	72.6	7.87																								44
1MARKSS0029	20040811, 1040	4		24.82	29.1		493	5.87	70.8	7.85																								44
1MARKSS0029	20040811, 1040	5		24.75	33.1		493	4.88	58.9	7.79																								43
1MARKSS0029	20040811, 1040	6		24.68	56.4		496	3.27	39.4	7.73																								41
1MARKSS0029	20040811, 1040	7		24.61	118.5		498	2.6	31.3	7.73																								39
1MARKSS0029	20040825, 1045	0.1		24.03	32.2		501	6.92	82.4	7.88																								43
1MARKSS0029	20040825, 1045	0.5	7.3	24.03	32.7	0.48	501	6.92	82.4	7.88	97	24	2.51	0.88	0.63	0.136	0.071		210	18	140	<5	<0.001	<0.01	1.5	<5	0.1	14	7.6	<0.0002				43
1MARKSS0029	20040825, 1045	1		24.03	32.8		501	6.93	82.4	7.88																								43
1MARKSS0029	20040825, 1045	2		24.04	33.3		501	6.89	82	7.87																								43
1MARKSS0029	20040825, 1045	3		23.99	34.3		501	6.8	80.8	7.86																								43
1MARKSS0029	20040825, 1045	4		23.96	34.7		501	6.81	80.9	7.86																								43
1MARKSS0029	20040825, 1045	5		23.89	33.5		501	6.71	79.6	7.85																								43
1MARKSS0029	20040825, 1045	6		23.89	36.9		501	6.55	77.8	7.84																								43

			Lake Depth	Water Temp	Turbidity	Secchi	Sp. Conductance	Oxygen, Diss	O2 Sat, Diss	pH	Alkalinity, Tot	Solids, Susp.	Ammonia, Tot	Kjeldahl, Tot	NO2+NO3, Tot	Phos, Tot	Ortho, Phos, Diss	TOC	Hardness, Tot	Chloride, Tot	Sulfate, Tot	Arsenic, Tot	Cadmium, Tot	Chromium, Tot	Iron, Tot	Lead, Tot	Manganese, Tot	CHL A, F	PHPHTN-A, FLR MTHD	Mercury, Tot	Surface Irradiance	downwell light	Flouresence, Raw	DO Charge
Station	Date, Time	Depth	m 00000	deg C 00010	NTU 00076	m 00077	uS/cm 00094	mg/l 00299	% sat 00301	SU 00400	mg/L 00410	mg/L 00530	mg/L 00610	mg/L 00625	mg/L 00630	mg/L 00665	mg/L 00671	mg/L 00680	mg/L 00900	mg/L 00940	mg/L 00945	ppb 01002	mg/L 01027	mg/L 01034	mg/L 01045	ppb 01051	mg/L 01055	ug/l 32209	ug/l 32213	mg/L 71900	uE TD005	uE TD006	None TD007	None TD008
1MARKSS0029	20040908, 1140	0.1		23.84	28		514	6.68	79.3	7.97																								43
1MARKSS0029	20040908, 1140	0.5	7	23.5	28.6	0.3	514	6.58	77.5	7.96	101	26	0.04	0.88	0.68	0.163	0.074		224	17	130	<5	<0.001	<0.01	1.38	<5	0.08	7.4	2.7	0.0005				42
1MARKSS0029	20040908, 1140	1		23.37	28.4		514	6.58	77.4	7.96																								42
1MARKSS0029	20040908, 1140	2		23.26	28		514	6.54	76.7	7.95																								42
1MARKSS0029	20040908, 1140	3		23.22	28.4		514	6.47	75.8	7.94																								42
1MARKSS0029	20040908, 1140	4		23.2	28.9		514	6.41	75.1	7.93																								42
1MARKSS0029	20040908, 1140	5		23.17	31.1		514	6.26	73.3	7.92																								42
1MARKSS0029	20040908, 1140	6		23.14	43.1		514	5.92	69.3	7.91																								41
1MARKSS0029	20040929, 1025	0.1		21.19	24.1		529	9.1	102.6	8.4																								38
1MARKSS0029	20040929, 1025	0.5	4.7	21.19	24.4	0.32	529	9.09	102.5	8.39	106	24	0.23	1.04	0.36	0.12	0.025		218	16	150	<5	<0.001	<0.01	1.34	<5	0.1	35.4	25.6	0.0002				38
1MARKSS0029	20040929, 1025	1		21.19	24.1		529	9.09	102.5	8.39																								37
1MARKSS0029	20040929, 1025	2		21.17	24.3		530	9.03	101.8	8.38																								38
1MARKSS0029	20040929, 1025	3		21.13	25.4		530	8.75	98.5	8.35																								37
1MARKSS0029	20040929, 1025	4		21	28.8		531	8.6	96.6	8.32																								36
1MARKSS0029	20050316, 1045	0.1		8.53	8.2		574	11.39	97.6	8.25																		15.7	7.9				6.99	37
1MARKSS0029	20050316, 1045	0.5	7.3	8.3	8.6	0.56	575	11.38	96.9	8.25		13	0.07	0.77	<0.02	0.065	<0.020	5.18		20					0.64		0.09	16.4	8.5				8.83	37
1MARKSS0029	20050316, 1045	1		8.12	8.9		575	11.25	95.5	8.24																							11.1	37
1MARKSS0029	20050316, 1045	2		7.93	9.8		575	11.03	93.1	8.2																		16.9	9.1				11.2	37
1MARKSS0029	20050316, 1045	3		7.85	10.1		576	10.98	92.5	8.19																							11.1	36
1MARKSS0029	20050316, 1045	4		7.84	10.6		576	10.94	92.2	8.18																		16.8	9.6				11	36
1MARKSS0029	20050316, 1045	5		7.83	11.3		576	10.92	92	8.17																							11	36
1MARKSS0029	20050316, 1045	6		7.84	13.7		576	10.89	91.8	8.17																		17	9.3				10.8	36
1MARKSS0029	20050316, 1045	7		7.84	13.7		576	10.91	92	8.16																								36
1MARKSS0029	20050330, 1055	0.5	No Data	9.27	7.5	0.9	589	11.25	98.1	8.04		7	0.12	0.94	0.06	0.044	<0.020	5.36		15					0.7		0.1	2.9	<0.2					33
1MARKSS0029	20050413, 1100	0.1		13.24	17.8		606	9.42	90.1	8.07																								31
1MARKSS0029	20050413, 1100	0.5	7.4	13.24	17.8	0.67	606	9.41	89.9	8.06		19	0.26	0.85	0.11	0.097	0.028	5.86		18					1.25		0.08	4.1	3.9					31
1MARKSS0029	20050413, 1100	1		13.24	18.2		606	9.4	89.9	8.06																		3.6	3.4					31
1MARKSS0029	20050413, 1100	2		13.24	18.2		606	9.4	89.8	8.06																		4	4.4					31
1MARKSS0029	20050413, 1100	3		13.24	18.5		605	9.39	89.7	8.06																		3.3	2.3					31
1MARKSS0029	20050413, 1100	4		13.24	19		606	9.36	89.4	8.06																		1.8	<0.2					31
1MARKSS0029	20050413, 1100	5		13.23	21.2		606	9.32	89.1	8.05																		4	4.4					31
1MARKSS0029	20050413, 1100	6		13.22	27.9		606	9.29	88.8	8.04																		3.3	2.6					31
1MARKSS0029	20050413, 1100	7		13.22	36.3		606	9.33	89.1	8.04																								31
1MARKSS0029	20050427, 1055	0.1		15.15	11.5		611	9.72	96.8	8.23																					1103	2094		34
1MARKSS0029	20050427, 1055	0.5	7.2	15.02	11.9	0.52	611	9.67	96.1	8.23		9	0.16	0.78	0.15	0.061	0.021	4.82		19					0.64		0.04	10	5.2		1161	1356		33
1MARKSS0029	20050427, 1055	1		14.93	12.2		611	9.62	95.4	8.22																		9.9	4.9		1302	335.8		33
1MARKSS0029	20050427, 1055	2		14.61	13.2		611	9.49	93.5	8.21																		12.4	4.9		1356	45.27		33
1MARKSS0029	20050427, 1055	3		14.58	13.7		611	9.48	93.3	8.21																		9.5	5.2		1256	4.66		33
1MARKSS0029	20050427, 1055	4		14.57	14		611	9.45	93	8.2																		8.5	5.4		1228	0.9096		33
1MARKSS0029	20050427, 1055	5		14.55	21.1		611	9.34	91.9	8.19																		7.6	6.9					32
1MARKSS0029	20050427, 1055	6		14.46	28.1		612	9.24	90.7	8.16																		8.3	6.6					32
1MARKSS0029	20050511, 1135	0.1		18.01	4.9		374	9.61	101.7	8.52																								35
1MARKSS0029	20050511, 1135	0.5	6.5	17.99	4.8	1.42	615	9.65	102.1	8.52		6	0.06	0.7	0.03	0.048	<0.020	5.09		20					0.28		0.04	13.1	5.8					35
1MARKSS0029	20050511, 1135	1		17.99	4.9		615	9.61	101.7	8.51																		12.7	6.2					36
1MARKSS0029	20050511, 1135	2		17.91	5		616	9.63	101.7	8.51																		12.8	5.8					35
1MARKSS0029	20050511, 1135	3		17.88	5		616	9.56	100.9	8.5																		12.2	6.8					34
1MARKSS0029	20050511, 1135	4		17.86	5.1		616	9.5	100.2	8.49																		13	5.9					35
1MARKSS0029	20050511, 1135	5		17.85	5.4		616	9.51	100.3	8.49																		13.2	6.7					34
1MARKSS0029	20050511, 1135	6		17.8	6.8		616	9.47	99.8	8.47																		13	6					33
1MARKSS0029	20050525, 1030	0.5	7.5	23.29	18.3	0.45	573	7.42	87.1	8.04		9	0.27	0.94	0.16	0.095	0.025	5.42		17.5					0.86		0.06	7.5	3.1					39
1MARKSS0029	20050525, 1030	1		23.23	16.8		573	7.37	86.4	8.04																		8.5	3.7					38
1MARKSS0029	20050525, 1030	2		23.22	17		573	7.35	86.1	8.04																		7	3.1					39
1MARKSS0029	20050525, 1030	3		23.16	17.6		573	7.3	85.5	8.03																		7.6	4.3					38
1MARKSS0029	20050525, 1030	4		23.13	19.2		573	7.28	85.2	8.02																		5.2	2.9					38
1MARKSS0029	20050525, 1030	5		23.08	19.8		573	7.24	84.7	8.01																								38
1MARKSS0029	20050525, 1030	6		23.02	27.7		574	6.67	77.9	7.93																		5.2	3.5					37
1MARKSS0029	20050525, 1030	7		21.44	44.2		587	3.47	39.3	7.72																								33
1MARKSS0029	20050608, 1045	0.1		23.47	30.6		550	7.82	92.2	8.13																								37
1MARKSS0029	20050608, 1045	0.5	7.04	23.46	29.8	0.5	550	7.8	91.9	8.12		33	0.15	0.88	0.29	0.114	0.035	4.56		17					1.64		0.09	17.5	11.6					37
1MARKSS0029	20050608, 1045	1		23.47	30.2		550	7.79	91.8	8.13																		16.1	9.6					36
1MARKSS0029	20050608, 1045	2		23.45	30.4		550	7.77	91.5	8.12																		16.9	9.7					37
1MARKSS0029	20050608, 1045	3		23.46	30.5		549	7.77	91.5	8.12																		15.6	9.4					36
1MARKSS0029	20050608, 1045	4		23.38	31.1		547	7.7	90.6	8.09																		14.7	7.4					37
1MARKSS0029	20050608, 1045	5		23.32	33.7		545	7.63	89.7	8.08																		14.7	8					36
1MARKSS0029	20050608, 1045	6		23.23	35.2		542	7.51	88.1	8.05																		15	8.7					36
1MARKSS0029	20050629, 1100	0.1		25.95	30.5		495	7.03	86.6	8.05																								57
1MARKSS0029	20050629, 1100	0.5	7.3	25.95	30.7	0.43	495	7.02	86.5	8.05		23	0.04	0.75	0.41	0.121	0.07	4.56		15					1.4		0.08	12.9	7.3					57
1MARKSS0029	20050629, 1100	1		25.94	29.3		495	7.01	86.5	8.05																		15.2	9					57
1MARKSS0029	20050629, 1100	2		25.94	29.3		495	7	86.3	8.05																		12.9	8.1					56
1MARKSS0029	20050629, 1100	3		25.94	29.6		495	7	86.3	8.04																		13.6	7.1					56
1MARKSS0029	20050629, 1100	4		25.93	29.1		495	7.01	86.4	8.04																		12.9	8					56
1MARKSS0029	20050629, 1100	5		25.93	29.2		495	7	86.3	8.04																		14.2	8.5					56
1MARKSS0029	20050629, 1100	6		25.93	29.3		495	7	86.3	8.04																		13.1	9.4					56
1MARKSS0029	20050629, 1100	7		25.93	31.8		495	7	86.2	8.04																								56
1MARKSS0029	20050713, 1040	0.1		26.94	14.6		497	8.89	111.6	8.5																								59
1MARKSS0029	20050713, 1040	0.5	6.9	26.81	14.7	0.53	498	8.57	107.3	8.46		7	0.07	0.93	0.25	0.131	0.054	4.86		16					0.63		0.02	26.6	16.8					58
1MARKSS0029	20050713, 1040	1		26.82	14.8		498	8.64	108.2	8.45																		28.4	14.6					58
1MARKSS0029	20050713, 1040	2		26.53	15.1		499	7.67	95.5	8.34																		26.4	13.3					56
1MARKSS0029	20050713, 1040	3		26.48	14.9		499	7.56	94.1	8.31																		26.2	12.9					57
1MARKSS0029	20050713, 1040	4		26.46	14.7		499	7.49	93.3	8.29																		22.2	12.5					56
1MARKSS0029	20050713, 1040	5		26.45	15.3		499	7.37	91.7	8.25																		24.3	14					57
1MARKSS0029	20050713, 1040	6		25.6	38.5		502	2.36	29	7.7																		21.2	11.5					48
1MARKSS0029	20050727, 1045	0.1		26.42	24.2		500	6.97	86.7	8.41																								53
1MARKSS0029	20050727, 1045	0.5	7.3	26.42	24.1	0.47	499	6.96	86.6	8.4		27	0.11	0.84	0.06	0.13	0.08	5.02		16					1.28		0.1	30.2	17.6					53
1MARKSS0029	20050727, 1045	1		26.42	24		500	6.89	85.7	8.4																								53
1MARKSS0029	20050727, 1045	2		26.4	24		500	6.86	85.2	8.4																								52
1MARKSS0029	20050727, 1045	3		26.36	23.9		499	6.82	84.7	8.39																								52
1MARKSS0029	20050727, 1045	4		26.37	24.7		499	6.82	84.7	8.4																								52
1MARKSS0029	20050727, 1045	5		26.34	23.9		500	6.83	84.8	8.4																								52
1MARKSS0029	20050727, 1045	6		26.31	26.1		500	6.82	84.6	8.4																								51
1MARKSS0029	20050727, 1045	7		26.15	37.4		499	6.79	84	8.37																								51
1MARKSS0029	20050817, 1040	0.1		24.74	20.3		520	6.11	73.7	8.18																								51
1MARKSS0029	20050817, 1040	0.5	7.1	24.73	20.8	0.5	520	6.08	73.3	8.17		14	0.08	0.7	0.2	0.137	0.04	4.49		15					1.02		0.11	10.8	9					50
1MARKSS0029	20050817, 1040	1		24.74	20.5		520	6.09	73.4	8.18																								51
1MARKSS0029	20050817, 1040	2		24.73	20.5		520	6.06	73.1	8.17																								51
1MARKSS0029	20050817, 1040	3		24.73	20.9		520	6.05	72.9	8.17																								50
1MARKSS0029	20050817, 1040	4		24.72	20.8		520	6.05	73	8.17																								50
1MARKSS0029	20050817, 1040	5		24.71	20.5		520	6.05	72.9	8.18																								50
1MARKSS0029	20050817, 1040	6		24.69	24.6		521	6.04	72.8	8.18																								51
1MARKSS0029	20050817, 1040	7		24.69	39.7		521	5.8	69.9	8.15																								49
1MARKSS0029	20050831, 1005	0.1		25.93	11.9		496	6.89	84.9	8.45																								51
1MARKSS0029	20050831, 1005	0.5	7.1	25.9	12.2	0.5	496	6.78	83.5	8.44		9	0.04	0.78	0.08	0.124	0.065	5.22		15.1					0.99		0.13	21.6	14.8					51
1MARKSS0029	20050831, 1005	1		25.89	12		496	6.74	83.1	8.44																								51
1MARKSS0029	20050831, 1005	2		25.9	15		496	6.61	81.4	8.43																								51
1MARKSS0029	20050831, 1005	3		25.8	17.2		496	5.69	70	8.36																								49
1MARKSS0029	20050831, 1005	4		25.68	21.8		498	4.37	53.6	8.15																								47

Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, FL, (ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0029	20050831, 1005	5		25.65	25		499	3.13	38.4	7.97																								45
1MARKSS0029	20050831, 1005	6		25.4	31.3		501	1.3	15.9	7.72																								41
1MARKSS0029	20050914, 1020	0.1		23.71	20.1		512	7.74	91.6	8.38																								55
1MARKSS0029	20050914, 1020	0.5	7.1	23.73	20	0.51	512	7.73	91.4	8.38		23	0.04	0.78	0.12	0.15	0.076	4.56		26					1.12		0.11	18	15.5					55
1MARKSS0029	20050914, 1020	1		23.71	19.9		512	7.71	91.3	8.39																								55
1MARKSS0029	20050914, 1020	2		23.73	20.9		512	7.71	91.2	8.38																								55
1MARKSS0029	20050914, 1020	3		23.73	21		512	7.71	91.3	8.39																								55
1MARKSS0029	20050914, 1020	4		23.74	21.2		512	7.68	91	8.38																								55
1MARKSS0029	20050914, 1020	5		23.73	21.1		512	7.68	90.9	8.38																								55
1MARKSS0029	20050914, 1020	6		23.75	25		513	7.66	90.7	8.38																								55
1MARKSS0029	20050914, 1020	7		23.74	26		512	7.68	90.8	8.37																								55
1MARKSS0029	20050928, 1020	0.1		22.91	19		501	7.55	87.9	8.43																								54
1MARKSS0029	20050928, 1020	0.5	7.1	22.92	18.6	0.52	501	7.55	88.1	8.43		19	0.02	0.81	0.05	0.105	0.039	4.95		27					1		0.1	18.1	10.7					54
1MARKSS0029	20050928, 1020	1		22.93	18.9		501	7.55	88.1	8.43																								54
1MARKSS0029	20050928, 1020	2		22.93	19.1		501	7.52	87.6	8.43																								53
1MARKSS0029	20050928, 1020	3		22.93	18.7		501	7.53	87.8	8.43																								53
1MARKSS0029	20050928, 1020	4		22.94	17.8		501	7.6	88.6	8.43																								54
1MARKSS0029	20050928, 1020	5		22.93	17.9		501	7.49	87.4	8.42																								54
1MARKSS0029	20050928, 1020	6		22.89	28.7		502	7.22	84.1	8.37																								53
1MARKSS0029	20050928, 1020	7.3		22.87	39.4		502	6.57	76.5	8.33																								52
1MARKSS0030	20040525, 1140	0.1		22.59	46.4		641	10.57	122.4	8.53																								45
1MARKSS0030	20040525, 1140	0.5	1.1	22.19	52.8	0.27	639	10.16	116.8	8.48	130	59	0.15	1.73	0.12	0.178	<0.020		288	19	175	<5	<0.001	<0.01	2.35	<5	0.18	39.88	20.2	<0.0002				44
1MARKSS0030	20040525, 1140	1		21.42	90.9		633	9.01	102.1	8.41																								42
1MARKSS0030	20040616, 1235	0.1		26.74	45.9		620	11.03		8.74																								48
1MARKSS0030	20040616, 1235	0.5	1.32	26.75	55.3	0.3	633	10.94		8.71	104	42	0.02	2.19	0.13	0.173	<0.02		268	18	186	<5	<0.001	<0.01	1.7	<5	0.15	84	62.6	<0.0002				48
1MARKSS0030	20040616, 1235	1		26.69	79.5		630	10.2		8.56																								47
1MARKSS0030	20040630, 1130	0.1		25.28	97.5		503	14.14	172.2	9.06																								54
1MARKSS0030	20040630, 1130	0.5	1.4	25.15	96.6	0.13	503	13.89	168.7	8.99	82	78	0.053	5.92	0.05	0.333	<0.020		210	19	170	<5	<0.001	<0.01	1.73	<5	0.15	284	163.7	<0.0002				53
1MARKSS0030	20040630, 1130	1		24.45	138.9		507	9.98	119.7	8.61																								47
1MARKSS0030	20040714, 1045	0.1		28.18	25.1		520	0.32	4.1	7.1																								39
1MARKSS0030	20040714, 1045	0.5	1.29	28.18	26.1	0.28	520	0.3	3.9	7.11	93	37	1.64	5.85	0.03	0.332	<0.020		210	18	140	<5	<0.001	<0.01	0.8	<5	0.4	77.2	92.4	<0.0002				38
1MARKSS0030	20040714, 1045	1		28.18	50.4		520	0.32	4.1	7.15																								39
1MARKSS0030	20040728, 1345	0.1		23.51	118.3		407	5.52	65	7.76																								44
1MARKSS0030	20040728, 1345	0.5	1.8	23.51	120.3	0.15	408	5.37	63.3	7.75	82	133	0.24	2.06	0.54	0.394	0.067		170	14	80	7	<0.001	<0.01	6.05	<5	0.3	64.1	26.8	<0.0002				44
1MARKSS0030	20040728, 1345	1		23.45	146		406	4.9	57.7	7.74																								43
1MARKSS0030	20040811, 1135	0.1		24.15	113.4		501	6.5	77.5	7.92																								45
1MARKSS0030	20040811, 1135	0.5	1.3	24	123.3	0.18	502	5.83	69.3	7.87	100	89	0.33	1.85	0.36	0.274	0.027		210	17	115	<5	<0.001	<0.01	3.93	<5	0.24	42.5	16	0.0014				44
1MARKSS0030	20040811, 1135	1		23.34	153.6		519	4.93	57.9	7.8																								43
1MARKSS0030	20040825, 1135	0.1		25.9	128.5		539	5.98	73.7	7.95																								43
1MARKSS0030	20040825, 1135	0.5		25.93	125.5		539	6.33	78.1	7.97	104	130	0.16	2.24	0.1	0.258	0.039		226	18	150	<5	<0.001	<0.01	4.4	<5	0.24	64.4	43.3	<0.0002				43
1MARKSS0030	20040825, 1135	1		25.75	141.7		557	6.46	79.4	7.95																								43
1MARKSS0030	20040908, 1220	0.1		23.45	63.7		521	11.6	136.5	8.8																								49
1MARKSS0030	20040908, 1220	0.5	0.8	23.22	62.9	0.2	521	12.04	141.2	8.79	108	86	0.05	2.53	0.06	0.273	<0.020		228	18	150	<5	<0.001	<0.01	2.55	<5	0.19	68.7	81.3	<0.0002				49
1MARKSS0030	20040929, 1055	0.1		20.1	32.1		520	9.67	106.7	8.35																								37
1MARKSS0030	20040929, 1055	0.5		20.12	49.4	0.2	520	9.57	105.7	8.39	96	84	0.03	1.46	<0.02	0.191	<0.020		214	18	160	<5	<0.001	<0.01	3.05	<5	0.22	46	46.6	<0.0002				37
1MARKSS0030	20050316, 1200	0.1		9.43	16.5		597	12.28	107.5	8.42																		19.8	13.1				9.41	38
1MARKSS0030	20050316, 1200	0.5	1.2	9.27	19	0.31	596	12.31	107.4	8.42		24	0.16	0.88	<0.02	0.078	<0.020	5.51		19					0.77		0.11	19.2	12.7				11.7	38
1MARKSS0030	20050316, 1200	1		9.27	23.9		596	12.28	107.1	8.41																								38
1MARKSS0030	20050330, 1040	0.1		11.48	40.6		580	10.86	99.8	7.99																								33
1MARKSS0030	20050330, 1040	0.5	1.1	11.5	37.7	0.35	580	10.24	94.1	8.01		49	0.15	1.3	0.21	0.058	0.02	6.03		16					2.6		0.13	8.8	<0.2					33
1MARKSS0030	20050330, 1040	1		11.49	38.5		580	10.1	92.8	8.01																								34
1MARKSS0030	20050413, 1210	0.1		12.4	31.5		695	9.84	92.3	8.17																								31
1MARKSS0030	20050413, 1210	0.5	1.4	12.36	31.9	0.38	696	9.86	92.4	8.16		48	0.17	1.03	0.14	0.114	<0.020			19					2.22		0.15	29	13.2					31
1MARKSS0030	20050413, 1210	1		12.32	53.4		697	9.86	92.3	8.14																								31
1MARKSS0030	20050427, 1210	0.1		14.55	16.1		631	11.83	116.4	8.62																								35
1MARKSS0030	20050427, 1210	0.5	0.75	14.31	20.5	0.42	630	11.55	113.1	8.59		27	0.06	0.94	<0.02	0.073	<0.020	5.38		19					1.07		0.09	33.8	16.2					34
1MARKSS0030	20050511, 1215	0.1		22.22	37.2		705	8.54	98.3	8.37																								36
1MARKSS0030	20050511, 1215	0.5	1.15	22.17	40	0.35	705	8.49	97.6	8.36		61	0.03	1.1	<0.02	0.157	<0.020	5.8		21					2.06		0.12	40.1	20.1					36
1MARKSS0030	20050511, 1215	1		22.12	46.9		704	8.39	96.4	8.36																								36
1MARKSS0030	20050525, 1155	0.5	1.5	23.98	66.7	0.25	578	8.04	95.7	8.14		70	0.13	1.88	0.14	0.177	0.021	6.16		17					2.1		0.13	22.9	<0.2					40
1MARKSS0030	20050525, 1155	1		23.82	134.5		584	7.77	92.2	8.09																								39
1MARKSS0030	20050608, 1140	0.1		25.05	165.7		382	6.64	80.6	7.76																								36
1MARKSS0030	20050608, 1140	0.5	1.55	24.79	171	0.13	383	6.55	79.1	7.75		181	0.33	2.29	0.61	0.334	0.078	6.29		17.5					9.25		0.27	53.9	41.4					36
1MARKSS0030	20050608, 1140	1		24.7	180.3		386	6.49	78.2	7.75																								35
1MARKSS0030	20050608, 1140	1.5		24.51	338.6		392	6.3	75.6	7.77																								35
1MARKSS0030	20050629, 1200	0.1		25.88	88		506	6.79	83.6	7.96																								57
1MARKSS0030	20050629, 1200	0.5	1.3	25.87	94.3	0.15	506	6.75	83	7.95		129	0.16	1.63	0.24	0.242	0.054	5.15		14.5					4.63		0.19	54.1	20.2					56
1MARKSS0030	20050629, 1200	1		25.74	168.1		505	6.56	80.5	7.93																								56
1MARKSS0030	20050713, 1135	0.1		28.12	50.4		577	6.5	83.4	8.23																								55
1MARKSS0030	20050713, 1135	0.5	1	27.62	69.1	0.22	600	5.73	72.8	8.09		52	0.09	1.32	<0.02	0.209	0.047	5.38		16.5					2.51		0.26	39.7	38.7					53
1MARKSS0030	20050727, 1130	0.1		23.16	39.8		519	8.79	102.9	8.31																								54
1MARKSS0030	20050727, 1130	0.5	0.9	22.99	42.1	0.3	517	8.58	100.1	8.32		59	0.08	1.07	<0.02	0.167	0.038	5.25		17					2.31		0.17	48.8	19.9					53
1MARKSS0030	20050727, 1130	1		22.62	49.4		508	8.42	97.6	8.34																								52
1MARKSS0030	20050817, 1125	0.1		24.22	71.9		532	7.65	91.4	8.38																								52
1MARKSS0030	20050817, 1125	0.5	0.8	24.18	74.2	0.2	531	7.67	91.6	8.38		125	0.07	1.45	0.03	0.189	<0.020	5.1		14					4.59		0.3	39.4	35.2					52
1MARKSS0030	20050831, 1050	0.1		26.54	51.7		424	No Data	No Data	8.72																								No Data
1MARKSS0030	20050831, 1050	0.5	1.5	26.46	67.8	0.2	429	No Data	No Data	8.68		58	0.06	1.5	0.03	0.183	0.034	5.85		14.1					2.55		0.14	47.8	43					No Data
1MARKSS0030	20050914, 1105	0.1		21.48	50.7		514	8.34	94.6	8.53																								55
1MARKSS0030	20050914, 1105	0.5	1.1	21.46	50.6	0.21	514	8.29	93.9	8.52		58	0.03	1.08	<0.02	0.152	<0.020	4.88		27					2.3		0.17	18.3	15.6					55
1MARKSS0030	20050914, 1105	1		21.39	87.6		515	8.21	93	8.51																								55
1MARKSS0030	20050928, 1220	0.5										96	0.03	1.34	<0.02	0.174	<0.020	6.32		28					3.84		0.28	35.7	19					
1MARKSS0059	20040525, 1050	0.1		22.67	30.7		616	8.75	101.6	8.46																								42
1MARKSS0059	20040525, 1050	0.5	4.5	22.67	30.1	0.4	616	8.75	101.6	8.45	130	31	0.03	1.25	0.16	0.08	<0.020		276	19	170	<5	<0.001	<0.01	1.5	<5	0.12	30.96	10.6	<0.0002				42
1MARKSS0059	20040525, 1050	1		22.67	29.6		616	8.75	101.5	8.46																								42
1MARKSS0059	20040525, 1050	2		22.67	30.4		617	8.78	101.9	8.45																								42
1MARKSS0059	20040525, 1050	3		22.66	32.7		616	8.79	102	8.45																								43
1MARKSS0059	20040525, 1050	4		22.67	33.5		616	8.77	101.7	8.45																								42
1MARKSS0059	20040616, 1130	0.1		25.59	14.5		600	10.24		8.56																								46
1MARKSS0059	20040616, 1130	0.5	4.04	25.62	14.8	0.65	600	10.19		8.54	120	12	0.04	1.14	0.18	0.103	<0.02		268	18	157	<5	<0.001	<0.01	0.45	<5	0.04	43.2	18.6	<0.0002				46
1MARKSS0059	20040616, 1130	1		25.59	16.2		600	9.68		8.43																								45
1MARKSS0059	20040616, 1130	2		25.5	13.7		601	8.89		8.33																								45
1MARKSS0059	20040616, 1130	3		24.34	28.1		611	5.56		8.02																								39
1MARKSS0059	20040616, 1130	4		23.85			606	4		7.89																								36
1MARKSS0059	20040630, 1230	0.1		24.51	25.8		548	9.84	118.1	8.72																								45
1MARKSS0059	20040630, 1230	0.5	4.8	24.5	26.2	0.35	548	9.75	117	8.7	97	14	<0.020	1.51	0.03	0.089	<0.020		236	19	155	<5	<0.001	<0.01	0.84	<5	0.11	58.1	36.9	<0.0002				45
1MARKSS0059	20040630, 1230	1		23.91	24		551	8.66	102.9	8.58																								44
1MARKSS0059	20040630, 1230	2		22.94	21.8		560	7.27	84.8	8.47																								41
1MARKSS0059	20040630, 1230	3		22.64	43.3		563	6.76	78.4	8.43																								40
1MARKSS0059	20040630, 1230	4		22.64	73.5		564	6.34	73.6	8.42																								40
1MARKSS0059	20040714, 1130	0.1		26.93	25.3			7.71	96.6	8.5																								48
1MARKSS0059	20040714, 1130	0.5	4.88	26.98	23.2	0.47	542	7.71	96.8	8.47	97	25	0.08	1.04	0.02	<0.020	0.023		231	18	150	<5	<0.001	<0.01	0.96	<5	0.09	30.3	12.8	<0.0002				48
1MARKSS0059	20040714, 1130	1		26.98	22.4		542	7.69	96.5	8.42																								49
1MARKSS0059	20040714, 1130	2		26.98	25.1		542	7.48	93.9	8.31																								48
1MARKSS0059	20040714, 1130	3		26.94	25.7		542	6.57	82.4	8.12																								47

Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, FL, (ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0059	20040714, 1130	4		26.46	0.9		549	5.16	64.2	7.93																							45
1MARKSS0059	20040728, 1245	0.1		23.16	34.7		475	5.42	63.5	7.81																							44
1MARKSS0059	20040728, 1245	0.5	5.4	23.17	35.4	0.35	475	5.38	63	7.8	86	14	0.11	1.16	0.52	0.149	0.082		194	16	140	6	<0.001	<0.01	1.69	<5	0.11	16.7	6.2	<0.0002				44
1MARKSS0059	20040728, 1245	1		23.16	35.1		475	5.27	61.7	7.77																								44
1MARKSS0059	20040728, 1245	2		23.15	35.5		475	5.14	60.1	7.74																								44
1MARKSS0059	20040728, 1245	3		22.87	45.1		466	4.19	48.8	7.67																								42
1MARKSS0059	20040728, 1245	4		22.71	63.3		472	3.76	43.7	7.64																								42
1MARKSS0059	20040728, 1245	5		22.69	87.4		474	3.67	42.6	7.63																								41
1MARKSS0059	20040811, 1100	0.1		25.18	60.7		490	7.64	92.9	8.34																								46
1MARKSS0059	20040811, 1100	0.5	4.8	25.17	64.2	0.29	490	7.57	92	8.3	92	50	0.13	2.07	0.39	0.185	0.035		208	17	115	<5	<0.001	<0.01	2.05	<5	0.14	70	19.3	<0.0002				46
1MARKSS0059	20040811, 1100	1		25.13	64.4		490	7.51	91.3	8.29																								46
1MARKSS0059	20040811, 1100	2		25.1	63.8		491	7.47	90.7	8.26																								46
1MARKSS0059	20040811, 1100	3		25.02	69.7		491	7.44	90.2	8.21																								46
1MARKSS0059	20040811, 1100	4		25	70.7		491	7.37	89.3	8.12																								46
1MARKSS0059	20040825, 1100	0.1		24.44	38.3		506	7.08	84.9	7.91																								44
1MARKSS0059	20040825, 1100	0.5	4.2	24.41	38.9	0.44	505	7.05	84.5	7.91	98	31	0.63	0.95	0.63	0.161	0.068		204	17	140	<5	<0.001	<0.01	1.91	<5	0.12	16.8	9.2	<0.0002				43
1MARKSS0059	20040825, 1100	1		24.39	38.7		505	7	83.9	7.9																								44
1MARKSS0059	20040825, 1100	2		24.31	39.6		504	6.93	82.9	7.89																								44
1MARKSS0059	20040825, 1100	3		24.24	43.1		502	6.86	82	7.89																								43
1MARKSS0059	20040825, 1100	4		24.18	53.9		501	6.85	81.8	7.9																								43
1MARKSS0059	20040908, 1155	0.1		24.36	28.1		513	8.42	100.9	8.21																								45
1MARKSS0059	20040908, 1155	0.5	4.4	23.43	31.4	0.35	515	7.73	91	8.16	98	24	<0.02	0.99	0.6	0.153	0.064		218	17	140	<5	<0.001	<0.01	1.35	<5	0.09	10.8	4.9	<0.0002				43
1MARKSS0059	20040908, 1155	1		23.28	32.2		516	7.79	91.4	8.14																								44
1MARKSS0059	20040908, 1155	2		23.1	29.4		512	7.9	92.3	8.13																								44
1MARKSS0059	20040908, 1155	3		22.95	31.8		513	8.13	94.9	8.14																								44
1MARKSS0059	20040929, 1010	0.1		20.86	22.9		538	10.25	114.9	8.45																								39
1MARKSS0059	20040929, 1010	0.5	3.1	20.86	23	0.27	538	10.22	114.5	8.49	96	37	0.21	1.25	<0.02	0.137	<0.020		224	18	160	<5	<0.001	<0.01	1.35	<5	0.12	No Data	No Data	0.0005				39
1MARKSS0059	20040929, 1010	1		20.84	23.3		538	10.14	113.5	8.48																								39
1MARKSS0059	20040929, 1010	2		20.41	23.1		531	10.11	112.3	8.48																								38
1MARKSS0059	20050316, 1115	0.1		8.4	11		578	11.58	98.9	8.3																		15	8.4				7.91	37
1MARKSS0059	20050316, 1115	0.5	4.5	8.36	11.2	0.42	578	11.53	98.4	8.3		15	0.09	0.74	<0.02	0.087	<0.020	5.28		19					0.39		0.08	15.9	9.5				9.52	37
1MARKSS0059	20050316, 1115	1		8.1	10.9		577	11.49	97.5	8.28																							10.8	37
1MARKSS0059	20050316, 1115	2		8.02	10.8		577	11.4	96.4	8.27																		14.6	14.8				10.6	37
1MARKSS0059	20050316, 1115	3		7.99	11.3		577	11.28	95.4	8.25																							10.7	37
1MARKSS0059	20050316, 1115	4		7.98	14.3		577	11.25	95.1	8.23																		16.6	10.6				10.9	37
1MARKSS0059	20050330, 1005	0.1		9.81	21		590	10.61	93.8	8.05																								33
1MARKSS0059	20050330, 1005	0.5	4	9.82	21	0.9	590	10.6	93.7	8.04		11	0.11	0.89	0.05	0.043	<0.020	5.32		15					0.46		0.06	3.4	<0.2					33
1MARKSS0059	20050330, 1005	1		9.82	20.9		590	10.59	93.6	8.04																								33
1MARKSS0059	20050330, 1005	2		9.81	20.9		590	10.57	93.4	8.04																								33
1MARKSS0059	20050330, 1005	3		9.79	23.6		591	10.45	92.3	8.03																								32
1MARKSS0059	20050413, 1125	0.1		13.13	21.3		615	9.43	89.9	8.09																								31
1MARKSS0059	20050413, 1125	0.5	4	13.13	21.4	0.57	616	9.46	90.2	8.09		25	0.22	0.81	0.13	0.105	0.027	5.95		18.5					0.18		0.04	7	3.5					31
1MARKSS0059	20050413, 1125	1		13.11	22.2		614	9.55	91	8.09																		5.9	2.1					31
1MARKSS0059	20050413, 1125	2		13.11	22.9		615	9.63	91.8	8.09																		5.4	1.8					30
1MARKSS0059	20050413, 1125	3		13.11	24.7		613	9.72	92.6	8.08																		7.8	4.7					31
1MARKSS0059	20050427, 1125	0.1		14.91	11.8		613	10.75	106.6	8.38																								34
1MARKSS0059	20050427, 1125	0.5	5.1	14.75	12.5	0.55	613	10.6	104.7	8.36		17	0.09	0.82	0.12	0.06	<0.020	4.93		19					0.69		0.03	20.8	6.9					34
1MARKSS0059	20050427, 1125	1		14.51	13		614	10.35	101.7	8.33																								33
1MARKSS0059	20050427, 1125	2		14.24	15.2		614	9.74	95.2	8.25																								33
1MARKSS0059	20050427, 1125	3		14.07	17.6		616	9.6	93.5	8.22																								32
1MARKSS0059	20050427, 1125	4		14.02	40.9		621	9.3	90.5	8.07																								31
1MARKSS0059	20050511, 1120	0.1		18.98	6.8		618	9.36	101.1	8.53																								34
1MARKSS0059	20050511, 1120	0.5	3.5	18.97	6.3	1.05	618	9.32	100.6	8.53		20	0.05	0.71	<0.02	0.071	<0.020	5.25		20					0.36		0.04	16.3	6.7					33
1MARKSS0059	20050511, 1120	1		18.94	6.9		618	9.3	100.3	8.52																								33
1MARKSS0059	20050511, 1120	2		18.91	8.1		619	9.22	99.4	8.52																								33
1MARKSS0059	20050511, 1120	3		18.66	7.3		617	9.07	97.3	8.49																								32
1MARKSS0059	20050525, 1050	0.5	4.5	23.24	24.3	0.38	584	7.76	91	8.09		25	0.04	0.98	0.13	0.079	<0.02	5.57		17.5					1.28		0.08	14.6	11.1					39
1MARKSS0059	20050525, 1050	1		23.17	24		584	7.67	89.9	8.07																		13.9	10.3					39
1MARKSS0059	20050525, 1050	2		22.17	23.1		578	7.41	85.1	8.02																		8.1	5.3					38
1MARKSS0059	20050525, 1050	3		22.09	26.1		578	7.39	84.8	8.02																		6.1	5.2					39
1MARKSS0059	20050525, 1050	4		21.96	31.6		578	7.34	84	8.02																								38
1MARKSS0059	20050608, 1025	0.1		22.49	29.1		557	7.23	83.6	7.94																								36
1MARKSS0059	20050608, 1025	0.5	4.02	22.48	29.5	0.46	557	7.21	83.3	7.94		25	0.16	0.77	0.36	0.106	0.043	4.67		17					1.57		0.11	4.3	5					36
1MARKSS0059	20050608, 1025	1		22.44	28.6		558	7.16	82.8	7.93																								36
1MARKSS0059	20050608, 1025	2		22.41	30.1		558	7.17	82.8	7.93																								35
1MARKSS0059	20050608, 1025	3		22.33	31.6		558	7.12	82	7.89																								35
1MARKSS0059	20050629, 1125	0.1		25.77	31.6		496	7.14	87.8	8.03																								57
1MARKSS0059	20050629, 1125	0.5	4.7	25.77	31.4	0.35	496	7.13	87.6	8.04		23	0.04	0.76	0.42	0.123	0.065	4.51		15					1.54		0.06	12	7.2					57
1MARKSS0059	20050629, 1125	1		25.76	32.1		496	7.09	87.1	8.03																		13.4	8.7					56
1MARKSS0059	20050629, 1125	2		25.74	33.6		496	7.08	87	8.02																		13.6	6.6					57
1MARKSS0059	20050629, 1125	3		25.74	34		496	7.08	86.9	8.02																		11.2	6.9					57
1MARKSS0059	20050629, 1125	4		25.73	37.4		496	7.02	86.2	8.01																		12.1	7.5					57
1MARKSS0059	20050713, 1100	0.1		27.64	17		498	9.65	122.6	8.75																								59
1MARKSS0059	20050713, 1100	0.5	4	27.54	17.6	0.45	498	9.59	121.6	8.74		17	0.06	0.99	0.02	0.135	0.041	5.03		16					0.71		0.04	41	20					60
1MARKSS0059	20050713, 1100	1		27.39	18.3		498	9.38	118.7	8.71																		41.2	19.9					59
1MARKSS0059	20050713, 1100	2		27.11	16.8		499	8.97	112.9	8.63																		46.2	23.6					58
1MARKSS0059	20050713, 1100	3		27.01	17.2		499	8.38	105.3	8.55																		33.8	20.5					58
1MARKSS0059	20050713, 1100	4		26.74	55.2		505	6.28	78.6	8.27																								53
1MARKSS0059	20050727, 1100	0.1		25.15	28.2		510	7.37	89.6	8.36																								53
1MARKSS0059	20050727, 1100	0.5	4.2	25.13	28.1	0.41	510	7.34	89.1	8.36		25	0.14	0.95	<0.02	0.164	0.062	5.63		16					1.64		0.13	16.7	37.4					53
1MARKSS0059	20050727, 1100	1		25.07	28.9		510	7.23	87.7	8.35																								53
1MARKSS0059	20050727, 1100	2		24.89	30.4		510	7.16	86.6	8.32																								52
1MARKSS0059	20050727, 1100	3		24.79	32.9		511	7.11	85.8	8.32																								51
1MARKSS0059	20050727, 1100	4		24.3	45.8		508	7.01	83.8	8.28																								51
1MARKSS0059	20050817, 1055	0.1		24.61	22.4		521	7.04	84.7	8.3																								52
1MARKSS0059	20050817, 1055	0.5	4.2	24.61	22	0.45	521	7.01	84.3	8.3		15	0.06	0.77	0.13	0.124	0.026	4.58		13.5					1.03		0.11	16.3	10.7					52
1MARKSS0059	20050817, 1055	1		24.61	22.2		521	7.01	84.3	8.3																								52
1MARKSS0059	20050817, 1055	2		24.55	22.3		521	6.93	83.3	8.29																								52
1MARKSS0059	20050817, 1055	3		24.51	21.9		521	6.88	82.6	8.29																								51
1MARKSS0059	20050817, 1055	4		24.5	22.5		521	6.83	82	8.29																								52
1MARKSS0059	20050831, 1020	0.1		26.14	14		494	6.51	80.5	8.46																								50
1MARKSS0059	20050831, 1020	0.5	4.3	26.15	14	0.45	494	6.46	79.9	8.46		16	0.07	0.86	0.08	0.114	0.073	5.2		14.1					0.78		0.08	19.6	12.8					50
1MARKSS0059	20050831, 1020	1		26.13	14.2		494	6.24	77.2	8.45																								50
1MARKSS0059	20050831, 1020	2		26.09	16.4		494	5.08	62.7	8.38																								48
1MARKSS0059	20050831, 1020	3		25.91	31.6		498	2.4	29.6	7.97																								44
1MARKSS0059	20050831, 1020	4		25.72	35.5		502	2.12	26.1	7.88																								43
1MARKSS0059	20050914, 1035	0.1		23.15	22.8		513	7.99	93.5	8.45																								55
1MARKSS0059	20050914, 1035	0.5	4.1	23.17	22.9	No Data	513	7.94	93	8.44		28	<0.02	0.8	0.08	0.159	0.063	4.64		27					1.28		0.12	23.6	18.4					55
1MARKSS0059	20050914, 1035	1		23.16	23.6		513	7.94	93	8.44																								55
1MARKSS0059	20050914, 1035	2		23.13	22.4		513	7.96	93.2	8.44																								55
1MARKSS0059	20050914, 1035	3		23.05	22.2		513	7.99	93.4	8.44																								55
1MARKSS0059	20050914, 1035	4		22.6	35.2		514	7.73	89.5	8.42																								54
1MARKSS0068	20040525, 1120	0.1		22.53	40.4		478	8.43		8.36																								42
1MARKSS0068	20040525, 1120	0.5	3.4	22.52	40.7	0.32	625	8.43		8.36	130	39	0.02	1.25	0.21	0.113	<0.020		278	19	155	<5	<0.001	<0.01	2.15	<5	0.12	66.4	20.2	0.0002				42
1MARKSS0068	20040525, 1120	1		22.52	41.5		625	8.42		8.36																								42

Station	Date, Time	Depth	Lake Depth m 00000	Water Temp deg C 00010	Turbidity NTU 00076	Secchi m 00077	Sp. Conductance uS/cm 00094	Oxygen, Diss mg/l 00299	O2 Sat, Diss % sat 00301	pH SU 00400	Alkalinity, Tot mg/L 00410	Solids, Susp. mg/L 00530	Ammonia, Tot mg/L 00610	Kjeldahl, Tot mg/L 00625	NO2+NO3, Tot mg/L 00630	Phos, Tot mg/L 00665	Ortho, Phos, Diss mg/L 00671	TOC mg/L 00680	Hardness, Tot mg/L 00900	Chloride, Tot mg/L 00940	Sulfate, Tot mg/L 00945	Arsenic, Tot ppb 01002	Cadmium, Tot mg/L 01027	Chromium, Tot mg/L 01034	Iron, Tot mg/L 01045	Lead, Tot ppb 01051	Manganese, Tot mg/L 01055	CHL A, FL, (ug/l 32209	PHPHTN-A, FLR MTHD ug/l 32213	Mercury, Tot mg/L 71900	Surface Irradiance uE TD005	downwell light uE TD006	Flouresence, Raw None TD007	DO Charge None TD008
1MARKSS0068	20040525, 1120	2		22.5	44.7		624	8.35		8.35																								42
1MARKSS0068	20040525, 1120	3		22.5	44		623	8.38		8.34																								42
1MARKSS0068	20040616, 1220	0.1		26.01	24.4		587	9.58		8.57																								46
1MARKSS0068	20040616, 1220	0.5	3.92	26.01	24	0.45	587	9.54		8.55	110	14	<0.02	1.09	0.18	0.099	<0.02		276	18	159	<5	<0.001	<0.01	1.02	<5	0.06	42.8	16.8	<0.0002				45
1MARKSS0068	20040616, 1220	1		25.98	22.9		587	9.5		8.52																								45
1MARKSS0068	20040616, 1220	2		25.8	25.2		588	8.54		8.42																								45
1MARKSS0068	20040616, 1220	3		25.33	52.2		596	6.16		8.22																								40
1MARKSS0068	20040630, 1200	0.1		25.03	42.4		526	14.8	179.4	9.09																								53
1MARKSS0068	20040630, 1200	0.5	4	24.79	40.2	0.3	528	14.56	175.8	9.03	84	25	<0.020	3.04	<0.020	0.145	<0.020		216	19	160	<5	<0.001	<0.01	0.39	<5	0.04	190.4	105.4	0.0003				52
1MARKSS0068	20040630, 1200	1		24.1	33.8		534	9.9	117.9	8.71																								46
1MARKSS0068	20040630, 1200	2		23.17	37.9		544	8.46	99.1	8.59																								43
1MARKSS0068	20040630, 1200	3		23	61.1		549	7.31	85.3	8.34																								42
1MARKSS0068	20040630, 1200	4		23.11			555	6.86	80.3	8.33																								41
1MARKSS0068	20040714, 1115	0.1		27.83	30.5		22	8.27	105.4	8.68																								49
1MARKSS0068	20040714, 1115	0.5	3.95	27.83	30	0.45	529	8.26	105.4	8.66	90	25	0.06	1.62	0.02	<0.020	<0.020		224	18	150	<5	<0.001	<0.01	0.89	<5	0.1	65.3	46.2	<0.0002				49
1MARKSS0068	20040714, 1115	1		27.83	30.5		529	8.24	105.1	8.63																								49
1MARKSS0068	20040714, 1115	2		27.81	32.2		529	8.08	103	8.6																								49
1MARKSS0068	20040714, 1115	3		27.77	40.3		530	7.86	100.1	8.55																								49
1MARKSS0068	20040728, 1325	0.1		23.86	52.6		466	6.45	76.5	8.14																								46
1MARKSS0068	20040728, 1325	0.5	4.7	23.87	52.9	0.35	466	6.43	76.3	8.13	88	42	0.12	1.62	0.47	0.192	0.072		192	16	130	7	<0.001	<0.01	2.09	<5	0.14	49.5	14.4	0.0003				45
1MARKSS0068	20040728, 1325	1		23.87	53.3		466	6.43	76.3	8.12																								45
1MARKSS0068	20040728, 1325	2		23.87	55.6		467	6.42	76.2	8.11																								45
1MARKSS0068	20040728, 1325	3		23.86	58.5		470	6.39	75.8	8.09																								45
1MARKSS0068	20040728, 1325	4		23.79			473	5.67	67.2	7.98																								45
1MARKSS0068	20040811, 1115	0.1		24.86	57.7		494	6.14	74.2	7.94																								44
1MARKSS0068	20040811, 1115	0.5	3.9	24.85	58.3	0.26	494	6.09	73.6	7.95	94	63	0.16	1.31	0.54	0.168	0.04		204	16	125	<5	<0.001	<0.001	0.04	<5	<0.02	27.7	11.1	0.0002				44
1MARKSS0068	20040811, 1115	1		24.83	58.7		494	6.1	73.7	7.94																								44
1MARKSS0068	20040811, 1115	2		24.74	60.9		494	5.98	72.1	7.93																								44
1MARKSS0068	20040811, 1115	3		24.56	56.6		494	6.11	73.4	7.92																								44
1MARKSS0068	20040825, 1115	0.1		24.97	54.1		506	7	84.8	8.03																					1092	1428		43
1MARKSS0068	20040825, 1115	0.5	3.3	24.97	54.5	0.34	506	6.97	84.5	8.03	102	47	0.38	1.5	0.33	0.152	0.051		212	18	140	<5	<0.001	<0.01	2.46	<5	0.16	36.6	16.25	0.0007	1177	130.1		43
1MARKSS0068	20040825, 1115	1		24.97	54		506	6.97	84.3	8.03																					1158	5.032		44
1MARKSS0068	20040825, 1115	2		24.92	59.6		506	7.02	85	8.03																					1063	-0.009		44
1MARKSS0068	20040908, 1210	0.1		24.06	32.5		516	7.75	92.3	8.18																								44
1MARKSS0068	20040908, 1210	0.5	3.4	23.63	35.1	0.3	516	7.46	88.1	8.15	106	32	0.02	0.99	0.57	0.143	0.058		220	17	140	<5	<0.001	<0.01	1.57	<5	0.09	7.1	8.7	<0.0002				44
1MARKSS0068	20040908, 1210	1		23.07	39.3		516	7.19	84.1	8.12																								43
1MARKSS0068	20040908, 1210	2		22.92	48.8		517	7.03	81.9	8.11																								43
1MARKSS0068	20040908, 1210	2.5		22.91	51.3		517	6.98	81.4	8.1																								43
1MARKSS0068	20040929, 1040	0.1		21.48	27.4		513	10.71	121.4	8.59																								39
1MARKSS0068	20040929, 1040	0.5	3.1	21.49	27.6	0.32	513	10.66	120.8	8.58	100	44	0.05	1.24	0.06	0.12	<0.020		220	17	140	<5	<0.001	<0.01	1.57	<5	0.12	46.6	41.4	<0.0002				39
1MARKSS0068	20040929, 1040	1		21.49	27.9		513	10.63	120.5	8.57																								39
1MARKSS0068	20040929, 1040	2		21.49	29.2		513	10.45	118.5	8.52																								39
1MARKSS0068	20050316, 1135	0.1		9.09	21.8		578	11.68	101.5	8.32																		15.8	9.5				6.38	37
1MARKSS0068	20050316, 1135	0.5	3.6	8.89	13.5	0.45	578	11.66	100.8	8.32		24	0.14	0.9	<0.02	0.057	<0.020	5.19		20					0.7		0.09	14.9	9.1				8.49	37
1MARKSS0068	20050316, 1135	1		8.69	14.4		578	11.58	99.6	8.29																		15.6	12.3				11.4	37
1MARKSS0068	20050316, 1135	2		8.46	17.9		578	11.27	96.3	8.2																							11.3	37
1MARKSS0068	20050316, 1135	3		7.94	30.4		578	11.3	95.5	8.1																							11	36
1MARKSS0068	20050330, 1020	0.1		9.99	10.5		587	10.33	91.6	8.01																								33
1MARKSS0068	20050330, 1020	0.5	3.6	9.99	10.7	0.81	587	10.36	91.9	8		18	0.13	1.29	0.1	0.037	<0.020	5.36		15					0.64		0.14	3.4	<0.2					33
1MARKSS0068	20050330, 1020	1		9.99	10.6		587	10.31	91.5	8																								33
1MARKSS0068	20050330, 1020	2		9.99	10.6		587	10.3	91.4	8																								33
1MARKSS0068	20050330, 1020	3		9.99	10.6		587	10.32	91.5	8																								33
1MARKSS0068	20050413, 1155	0.1		13.47	24.4		615	9.34	89.7	8.12																								31
1MARKSS0068	20050413, 1155	0.5	3.4	13.47	25.2	0.51	615	9.33	89.7	8.12		28	0.27	0.84	0.13	0.11	<0.020	5.79		18					1.37		0.02	7.2	4					31
1MARKSS0068	20050413, 1155	1		13.47	24.3		615	9.32	89.6	8.12																		7.1	4.3					31
1MARKSS0068	20050413, 1155	2		13.46	26.6		616	9.31	89.4	8.11																		7.1	3.7					31
1MARKSS0068	20050413, 1155	3		13.46	27.7		616	9.35	89.8	8.03																		6.7	3.9					31
1MARKSS0068	20050427, 1155	0.1		14.89	15.2		612	10.16	100.6	8.31																								33
1MARKSS0068	20050427, 1155	0.5	3.1	14.79	15.7	0.46	612	9.98	98.7	8.29		23	0.11	0.81	0.12	0.062	<0.020	4.76		19.5					0.66		0.04	19.7	6.1					33
1MARKSS0068	20050427, 1155	1		14.66	15.6		612	9.87	97.4	8.27																								33
1MARKSS0068	20050427, 1155	2		14.36	15.2		612	9.84	96.4	8.26																								32
1MARKSS0068	20050510, 1530	0																										<0.2	0.7					
1MARKSS0068	20050511, 1200	0.1		19.82	11.3		626	9.01	99	8.5																								35
1MARKSS0068	20050511, 1200	0.5	3.4	19.82	11.4	0.73	626	9.01	99	8.5		23	0.05	0.72	<0.02	0.076	<0.020	5		20					0.69		0.05	19.9	7.6					35
1MARKSS0068	20050511, 1200	1		19.81	11.6		626	8.98	98.5	8.5																								35
1MARKSS0068	20050511, 1200	2		19.69	13.1		627	8.9	97.4	8.48																								34
1MARKSS0068	20050511, 1200	3		19.64	13.3		628	8.88	97.1	8.47																								35
1MARKSS0068	20050525, 1130	0.5	3.5	24	33.9	0.41	567	7.37	87.6	8.04		31	0.28	1.06	0.16	0.094	0.023	5.39		17.5					1.79		0.08	12.7	8.6					39
1MARKSS0068	20050525, 1130	1		24	35.7		567	7.28	86.6	8.02																		11.8	8.2					39
1MARKSS0068	20050525, 1130	2		23.87	47.9		567	6.96	82.6	7.98																		11.1	6.2					38
1MARKSS0068	20050525, 1130	3		23.58	64.2		567	6.5	76.7	7.93																								37
1MARKSS0068	20050525, 1130	4																										10.1	7.8					
1MARKSS0068	20050608, 1115	0.1		24.15	58.5		21	7.45	88.7	8.12																								35
1MARKSS0068	20050608, 1115	0.5	4.85	24.12	57.7	0.28	515	7.58	90.4	8.12		51	0.14	1.22	0.33	0.175	0.042	4.83		16					2.96		0.12	34.2	25.3					37
1MARKSS0068	20050608, 1115	1		24.1	62.1		513	7.55	90	8.11																		30.7	27.5					37
1MARKSS0068	20050608, 1115	2		24.05	62		519	7.56	90	8.12																		30.9	23.6					36
1MARKSS0068	20050608, 1115	3		24.02	58.2		523	7.58	90.1	8.13																		29.4	22.6					37
1MARKSS0068	20050608, 1115	4		23.96	65.1		532	7.6	90.4	8.13																								37
1MARKSS0068	20050629, 1145	0.1		26.25	55.7		501	6.46	80.1	7.95																								56
1MARKSS0068	20050629, 1145	0.5	3.5	26.24	55.4	0.25	501	6.44	79.8	7.95		52	0.17	1.19	0.27	0.18	0.061	4.9		14.5					2.83		0.11	27.8	10.8					56
1MARKSS0068	20050629, 1145	1		26.22	55.7		501	6.39	79.1	7.95																		27.7	9.8					56
1MARKSS0068	20050629, 1145	2		26.2	56.2		501	6.4	79.2	7.94																		28.6	11.5					56
1MARKSS0068	20050629, 1145	3		26.19	59.6		501	6.37	78.8	7.94																		26.4	12.4					56
1MARKSS0068	20050713, 1120	0.1		27.86	25.7		500	8.63	110.1	8.7																								58
1MARKSS0068	20050713, 1120	0.5	3	27.83	25.5	0.33	500	8.53	108.8	8.68		31	0.07	1.04	<0.02	0.125	0.044	4.62		16					0.73		0.08	38.8	18.2					58
1MARKSS0068	20050713, 1120	1		27.81	26		500	8.51	108.5	8.68																		40.4	20.6					58
1MARKSS0068	20050713, 1120	2		27.74	25.4		500	8.4	107	8.66																		42.1	16					58
1MARKSS0068	20050713, 1120	3		27.43	58.6		503	7.09	89.8	8.52																								56
1MARKSS0068	20050727, 1110	0.1		25.21	38.3		506	7.06	85.9	8.34																								52
1MARKSS0068	20050727, 1110	0.5	3.3	25.23	39.3	0.31	506	7.06	85.9	8.34		46	0.14	0.95	0.02	0.179	0.066	4.97		16					2.35		0.17	32	21.1					52
1MARKSS0068	20050727, 1110	1		25.22	39		506	7.02	85.4	8.33																								52
1MARKSS0068	20050727, 1110	2		25.07	39.6		506	6.9	83.7	8.32																								51
1MARKSS0068	20050727, 1110	3		24.45	52.1		510	6.79	81.4	8.25																								51
1MARKSS0068	20050817, 1110	0.1		24.57	30.4		525	6.91	83	8.3																								52
1MARKSS0068	20050817, 1110	0.5	3.2	24.59	29.8	0.32	524	6.91	83	8.3		22	0.16	1.06	0.06	0.159	0.033	4.59		14					1.55		0.13	17.8	12.7					52
1MARKSS0068	20050817, 1110	1		24.58	29.7		524	6.9	83	8.3																								52
1MARKSS0068	20050817, 1110	2		24.57	30.5		525	6.88	82.7	8.3																								52
1MARKSS0068	20050817, 1110	3		24.5	37.4		525	6.78	81.4	8.28																								52
1MARKSS0068	20050831, 1035	0.1		27.43	19.1		473	No Data	No Data	8.88																								No Data
1MARKSS0068	20050831, 1035	0.5	3.2	27.41	19.3	0.35	474	No Data	No Data	8.88		28	0.05	1.06	0.05	0.101	0.039	5.48		14.6					1.03		0.09	41.7	31.7					No Data
1MARKSS0068	20050831, 1035	1		27.4	19.8		474	No Data	No Data	8.88																								No Data
1MARKSS0068	20050831, 1035	2		27.37	21.2		475	No Data	No Data	8.87																								No Data
1MARKSS0068	20050831, 1035	3		27.26	37.2		478	No Data	No Data	8.84																								No Data
1MARKSS0068	20050914, 1045	0.1		23.27	28.4		512	8.2	96.2	8.49																								56
1MARKSS0068	20050914, 1045	0.5	3.1	23.24	28.6	0.25	512	8.17	95.8	8.49		36	<0.02	0.9	<0.02	0.153	0.05	4.65		26					1.62		0.12	25.7	25.3					55
1MARKSS0068	20050914, 1045	1		23.26	28.7		512	8.18	95.9	8.48																								55

			Lake Depth	Water Temp	Turbidity	Secchi	Sp. Conductance	Oxygen, Diss	O2 Sat, Diss	pH	Alkalinity, Tot	Solids, Susp.	Ammonia, Tot	Kjeldahl, Tot	NO2+NO3, Tot	Phos, Tot	Ortho, Phos, Diss	TOC	Hardness, Tot	Chloride, Tot	Sulfate, Tot	Arsenic, Tot	Cadmium, Tot	Chromium, Tot	Iron, Tot	Lead, Tot	Manganese, Tot	CHL A, FL, (	PHPHTN-A, FLR MTHD	Mercury, Tot	Surface Irradiance	downwell light	Flouresence, Raw	DO Charge
Station	Date, Time	Depth	m 00000	deg C 00010	NTU 00076	m 00077	uS/cm 00094	mg/l 00299	% sat 00301	SU 00400	mg/L 00410	mg/L 00530	mg/L 00610	mg/L 00625	mg/L 00630	mg/L 00665	mg/L 00671	mg/L 00680	mg/L 00900	mg/L 00940	mg/L 00945	ppb 01002	mg/L 01027	mg/L 01034	mg/L 01045	ppb 01051	mg/L 01055	ug/l 32209	ug/l 32213	mg/L 71900	uE TD005	uE TD006	None TD007	None TD008
1MARKSS0068	20050914, 1045	2		23.24	32.2		512	8.12	95.2	8.48																								56
1MARKSS0068	20050914, 1045	3		23.24	55		512	8.09	94.9	8.47																								56
1MARKSS0069	20050316, 0900	0.5										6	0.2	0.47	0.08	0.099	0.04	3.74		40					0.47		0.42	6.6	5.8					
1MARKSS0069	20050330, 0845	0.5		11.51	22.8		676	9.5	87.4	7.82		30	0.12	0.92	0.64	0.131	0.077	6.31		29					1.61		0.3	5.2	<0.2					33
1MARKSS0069	20050413, 0905	0.5		10.42	7.1		756	10.03	90	7.9		9	0.09	0.61	0.22	0.15	0.063	7.66		33					0.64		0.32	7.3	4.3					29
1MARKSS0069	20050427, 0835	0.5		9.26	4.1		817	9.6	83.8	7.95		8	0.06	0.43	0.1	0.081	0.04	4.5		41					0.33		0.21	7.2	3.4					27
1MARKSS0069	20050511, 0905	0.5		20.49	17		820	5.26	58.5	7.72		35	0.2	0.85	0.18	0.167	0.103	4.59		49					1.04		0.5	8.7	9.7					28
1MARKSS0069	20050525, 0845	0.5		20.38	93.5		461	7.13	79.1	7.69		86	0.02	1.76	0.77	0.374	0.187	11.76		18					5.58		0.39	9.3	14.6					36
1MARKSS0069	20050608, 0910	0.5		21.99	44.2		614	7.23	82.8	7.78		43	0.15	0.93	0.71	0.197	0.114	5.9		23					2.93		0.28	4.5	1.1					36
1MARKSS0069	20050629, 0900	0.5		23.3	8.6		765	6.72	78.9	7.9		18	0.04	0.56	0.66	0.141	0.108	4.15		26					0.48		0.09	9.8	5.7					53
1MARKSS0069	20050713, 0905	0.5		22.81	66.8		562	5.88	68.4	7.77		74	1.14	4.47	0.58	0.891	0.537	6.15		16					3.6		0.25	9.8	7.5					50
1MARKSS0069	20050727, 0920	0.5		19.07	10		697	6.71	72.5	7.95		28	0.1	0.62	0.48	0.205	0.156	4.56		25					0.6		0.22	9.3	5.8					49
1MARKSS0069	20050817, 0910	0.5		21.89	7.8		672	6.03	68.9	8.04		4	0.06	0.61	0.21	0.109	0.039	4.55		14.5					0.41		0.17	7.5	9.6					44
1MARKSS0069	20050831, 0840	0.5		21.4	75.1		381	6.86	77.7	7.79		34	0.08	1.09	1.68	0.259	0.158	4.59		17.1					4.16		0.2	3.5	1.2					47
1MARKSS0069	20050914, 0840	0.5		19.57	5.6		596	4.35	47.5	7.69		8	0.03	0.79	0.07	0.197	0.129	6.22		34					0.75		0.2	6.8	5.9					46
1MARKSS0069	20050928, 0845	0.5		18.96	6.2		584	5.08	54.8	7.87		8	0.05	0.71	0.15	0.166	0.142			28					0.47		0.15	5.4	6.4					48