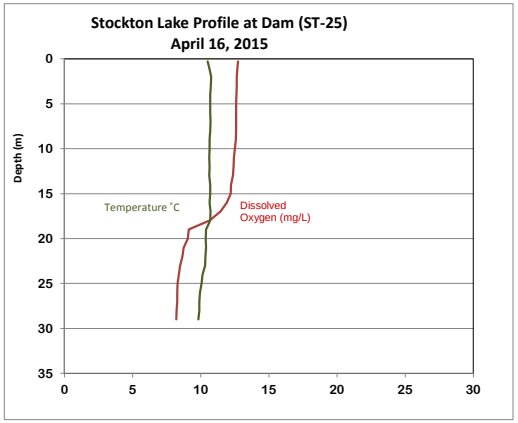
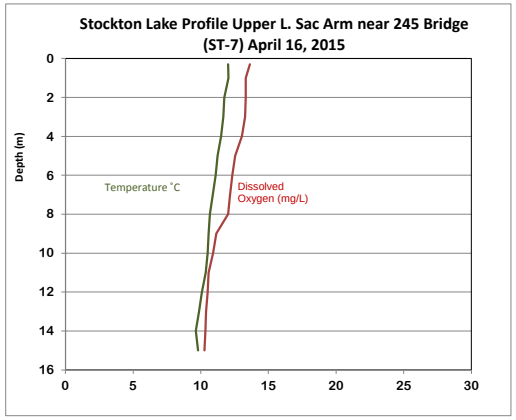
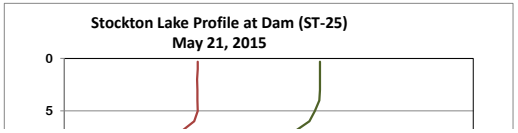
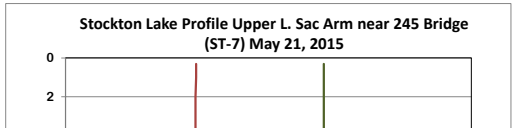
Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
ST-25	4/16/2015	1100	0.3	12.75	273.9	8.38	0	10.51	98.4	7	868.68	40
	4/16/2015	1100	1	12.69	273.1	8.34	0	10.63	99.3			
	4/16/2015	1100	2	12.65	273.7	8.34	0	10.76	100.5			
	4/16/2015	1100	3	12.64	274.7	8.34	0	10.74	100.2			
	4/16/2015	1100	4	12.63	272.9	8.33	0	10.69	99.8			
	4/16/2015	1100	5	12.61	274.8	8.26	0	10.7	99.8			
	4/16/2015	1100	6	12.6	273.8	8.33	0	10.7	99.8			
	4/16/2015	1100	7	12.6	274.1	8.27	0	10.71	99.9			
	4/16/2015	1100	8	12.59	273.9	8.32	0	10.7	99.8			
	4/16/2015	1100	9	12.58	273.4	8.32	0	10.66	99.4			
	4/16/2015	1100	10	12.51	273.5	8.31	0	10.65	99.1			
	4/16/2015	1100	11	12.43	273.3	8.32	0	10.63	98.7			
	4/16/2015	1100	12	12.41	274	8.28	0	10.66	99			
	4/16/2015	1100	13	12.36	274	8.32	0	10.63	98.6			
	4/16/2015	1100	14	12.23	273.4	8.3	0	10.7	99			
	4/16/2015	1100	15	12.21	274	8.29	0	10.7	98.9			
	4/16/2015	1100	16	11.92	269.7	8.25	0	10.64	97.7			
	4/16/2015	1100	17	11.45	271.1	8.26	0	10.72	97.4			
	4/16/2015	1100	18	10.64	269.2	8.2	0	10.7	95.4			
	4/16/2015	1100	19	9.12	265.8	8.06	0.1	10.4	89.5			
	4/16/2015	1100	20	9.06	263.1	7.96	0.1	10.37	89.1			
	4/16/2015	1100	21	8.75	264.5	8.07	0	10.4	88.7			
	4/16/2015	1100	22	8.65	263.3	8.03	0	10.34	87.9			
	4/16/2015	1100	23	8.48	264.5	8.02	0	10.31	87.3			
	4/16/2015	1100	24	8.39	263.9	8.19	0.1	10.13	85.6			
	4/16/2015	1100	25	8.31	264	7.99	0.2	10.07	84.9			
	4/16/2015	1100	26	8.29	263.9	8.19	0.4	9.95	83.9			
	4/16/2015	1100	27	8.29	264	7.98	0.4	9.91	83.6			
	4/16/2015	1100	28	8.24	263.3	8.04	0.5	9.9	83.4			
	4/16/2015	1100	29	8.21	264.3	7.96	0.7	9.82	82.7			
ST-7	4/16/2015	1130	0.3	13.63	295.1	8.61	0.3	12.02	114.8	1.6		
	4/16/2015	1130	1	13.33	298.1	8.52	0.9	12.04	114.2			
	4/16/2015	1130	2	13.33	298	8.54	1.4	11.74	111.3			
	4/16/2015	1130	3	13.28	297.7	8.48	1.3	11.67	110.5			
	4/16/2015	1130	4	13.04	284.2	8.6	1.5	11.49	108.2			
	4/16/2015	1130	5	12.53	284.8	8.43	0.9	11.24	104.7			
	4/16/2015	1130	6	12.32	281.9	8.38	0.6	11.1	102.8			
	4/16/2015	1130	7	12.17	282.1	8.35	0.3	10.89	100.6			
	4/16/2015	1130	8	12.02	273.9	8.3	0.4	10.68	98.3			
	4/16/2015	1130	9	11.14	273.7	8.14	0.5	10.59	95.6			
	4/16/2015	1130	10	10.91	274.3	8.18	0.4	10.51	94.3			
	4/16/2015	1130	11	10.59	272.3	8.19	0.4	10.37	92.4			
	4/16/2015	1130	12	10.52	273.3	8.07	0.4	10.09	89.7			
	4/16/2015	1130	13	10.39	273.8	8.06	0.8	9.88	87.6			
	4/16/2015	1130	14	10.35	273.8	8.01	1.8	9.63	85.3			
	4/16/2015	1130	15	10.27	275.2	7.92	1001	9.79	86.5			
ST-13	4/16/2015	1215	0.3	14.71	306.8	8.72	2.3	14.54	142.1	1.35		
	4/16/2015	1215	1	14.43	308.6	8.66	2.6	14.67	142.5			
	4/16/2015	1215	2	13.65	301.1	8.61	3.2	12.83	122.5			
	4/16/2015	1215	3	13.37	299.2	8.56	3.3	12.99	123.2			
	4/16/2015	1215	4	13.34	299.7	8.56	3.4	12.58	119.3			
	4/16/2015	1215	5	12.9	296.2	8.48	3.3	12.44	116.8			
	4/16/2015	1215	6	12.86	294.7	8.49	3.3	12.1	113.5			
	4/16/2015	1215	7	12.65	291.7	8.46	3	11.96	111.7			
	4/16/2015	1215	8	12.43	285.2	8.33	2.8	11.82	109.8			
	4/16/2015	1215	9	12.04	285.6	8.3	2.5	11.37	104.7			
	4/16/2015	1215	10	11.92	286.6	8.25	2.4	11.1	102			
	4/16/2015	1215	11	11.91	286.8	8.35	2.4	10.82	99.4			
	4/16/2015	1215	12	10.71	288.7	7.93	3	9.52	85.1			
ST-2	4/16/2015	1350	0.3	15.71	275.2	8.39	0.9	13.35	133.3			
inflows												
ST-10	4/16/2015	1500	0.3	16.53	449	8.22	11.2	10.7	108.7			
ST-20	4/16/2015	1545	0.3	16.61	409	8.11	28.7	9.51	96.8			
ST-43	4/16/2015	1600	0.3	16.87	377.1	7.38	18.2	9.57	98			
ST-14	4/16/2015	1630	0.3	18.19	337.4	8.58	17.6	12.87	135.3			



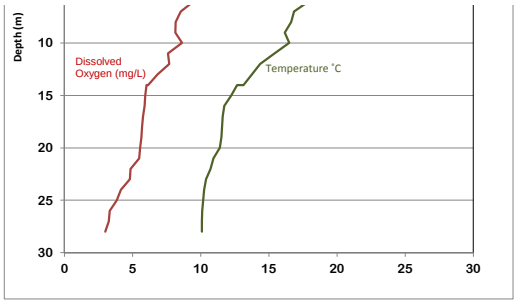


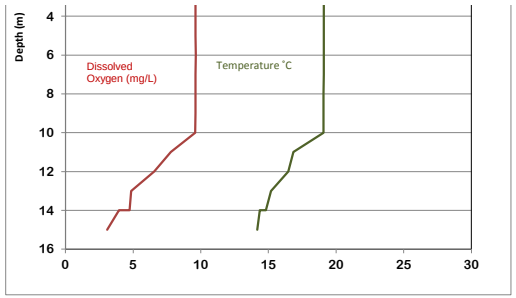
Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
ST-2	4/16/2015	1350	0.3	15.71	275.2	8.39	0.9	13.35	133.3			
ST-25	5/21/2015	945	0.3	18.75	286.4	8.52	0	9.78	104.4	4.4		
	5/21/2015	945	1	18.75	286.5	8.52	0	9.77	104.4			
	5/21/2015	945	2	18.75	286.4	8.53	0	9.74	104			
	5/21/2015	945	3	18.74	286.1	8.55	0	9.75	104			
	5/21/2015	945	4	18.71	286.8	8.53	0	9.76	104.2			
	5/21/2015	945	5	18.37	290.8	8.43	0	9.78	103.6			
	5/21/2015	945	6	17.98	292.4	8.34	0	9.53	100.1			
	5/21/2015	945	7	16.86	292.3	8.18	0	8.53	87.6			
	5/21/2015	945	8	16.64	294.2	8.13	0	8.16	83.5			
	5/21/2015	945	9	16.17	293.2	8.08	0	8.14	82.4			



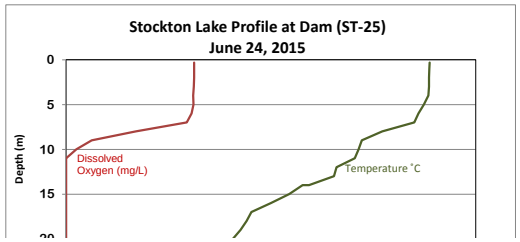


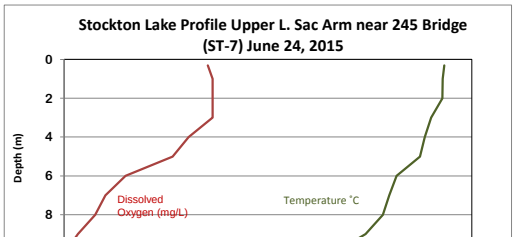
	5/21/2015	945	10	16.5	291.2	8.09	0	8.63	88	
	5/21/2015	945	11	15.41	288.9	8	0	7.59	75.6	
	5/21/2015	945	12	14.35	290.6	7.95	0	7.69	74.8	
	5/21/2015	945	13	13.75	292.2	7.87	0	6.83	65.6	
	5/21/2015	945	14	13.14	292	7.85	0	6.14	58.2	
	5/21/2015	945	14	12.68	289.8	7.76	0	6.03	56.5	
	5/21/2015	945	15	12.25	289.2	7.74	0	5.94	55.2	
	5/21/2015	945	16	11.72	288.7	7.71	0	5.88	54	
	5/21/2015	945	17	11.61	288	7.69	0	5.76	52.7	
	5/21/2015	945	18	11.56	289	7.84	0	5.69	52	
	5/21/2015	945	19	11.52	287.7	7.67	0	5.64	51.6	
	5/21/2015	945	20	11.41	288.7	7.68	0.1	5.55	50.6	
	5/21/2015	945	21	10.94	286	7.63	0.2	5.49	49.5	
	5/21/2015	945	22	10.72	286.1	7.62	0.4	4.85	43.5	
	5/21/2015	945	23	10.38	286.2	7.6	0.6	4.8	42.7	
	5/21/2015	945	24	10.26	286.6	7.73	0.8	4.14	36.7	
	5/21/2015	945	25	10.18	286.5	7.53	1.3	3.83	33.9	
	5/21/2015	945	26	10.12	286.5	7.49	2.1	3.33	29.5	
	5/21/2015	945	27	10.09	286.6	7.53	2.6	3.26	28.8	
	5/21/2015	945	28	10.08	286.9	7.51	4.1	3	26.5	
ST-13	5/21/2015	1030	0.3	19.38	299.8	8.47	1.3	9.75	105.5	2.75
	5/21/2015	1030	1	19.37	300.5	8.5	1	9.72	105.1	
	5/21/2015	1030	2	19.37	299.4	8.5	1	9.76	105.5	
	5/21/2015	1030	3	19.38	300	8.54	0.9	9.77	105.6	
	5/21/2015	1030	4	19.38	299.6	8.51	0.9	9.82	106.2	
	5/21/2015	1030	5	19.39	300.3	8.46	0.8	9.76	105.6	
	5/21/2015	1030	6	19.38	300.3	8.52	1	9.7	104.9	
	5/21/2015	1030	7	19.38	300.4	8.5	1	9.7	104.9	
	5/21/2015	1030	8	19.23	300.5	8.4	1.1	9.5	102.5	
	5/21/2015	1030	9	19.08	300.6	8.37	1.3	9.05	97.3	
	5/21/2015	1030	10	18.65	306.5	8.1	1.6	7.96	84.9	
	5/21/2015	1030	11	16.38	310.2	7.81	13.2	4.49	45.7	
	5/21/2015	1030	12	16.07	307.2	7.69	14.8	3.1	31.3	
	5/21/2015	1030	13	15.54	310.3	7.63	14.9	2.08	18.1	
	5/21/2015	1030	14	15.35	308.3	7.59	15.5	1.34	13.4	
	5/21/2015	1030	14	15.03	310.3	7.61	16.5	0	0	
	5/21/2015	1030	15	14.86	310.9	7.49	24.3	0	0	
	5/21/2015	1030	15.6	14.83	310.9	7.49	25.6	0	0	
ST-7	5/21/2015	1115	0.3	19.09	298	8.57	0.7	9.66	103.8	
	5/21/2015	1115	1	19.09	298.1	8.55	0.5	9.66	103.8	
	5/21/2015	1115	2	19.09	299.3	8.61	0.4	9.62	103.5	
	5/21/2015	1115	3	19.09	299.1	8.54	0.4	9.62	103.4	
	5/21/2015	1115	4	19.09	298.1	8.49	0.4	9.61	103.3	
	5/21/2015	1115	5	19.09	298.7	8.51	0.4	9.62	103.4	
	5/21/2015	1115	6	19.08	298	8.52	0.4	9.64	103.6	
	5/21/2015	1115	7	19.08	298.6	8.54	0.5	9.62	103.4	
	5/21/2015	1115	8	19.07	298.8	8.57	0.6	9.6	103.2	
	5/21/2015	1115	9	19.06	298.5	8.54	0.6	9.6	103.2	
	5/21/2015	1115	10	19.06	298.1	8.49	0.7	9.58	102.9	
	5/21/2015	1115	11	16.84	298.6	8.07	0.9	7.79	80	
	5/21/2015	1115	12	16.47	300.5	8.04	1.2	6.57	66.9	
	5/21/2015	1115	13	15.18	298.5	7.81	5	4.86	48.2	
	5/21/2015	1115	14	14.82	299	7.77	5.9	4.73	46.5	
	5/21/2015	1115	14	14.36	298.5	7.67	16.2	3.95	38.5	
	5/21/2015	1115	15	14.17	299.5	7.63	21.8	3.08	29.8	
INFLOWS										
ST-2	5/21/2015	1215	0.3	16.54	286.1	8.22	5.7	11	112.2	
ST-14	5/21/2015	1350	0.3	15.98	415.5	7.94	7.6	9.88	99.6	
ST-43	5/21/2015	1430	0.3	18.51	413.7	7.97	20.8	8.81	93.6	
ST-20	5/21/2015	1450	0.3	17.33	452.7	8.01	30.5	9.25	96	
ST-10	5/21/2015	1515	0.3	20.47	469.4	8.08	20.5	8.22	90.9	



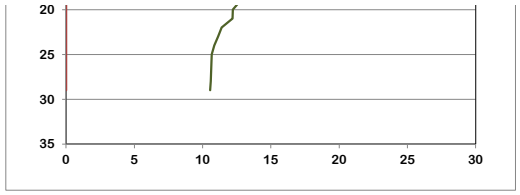


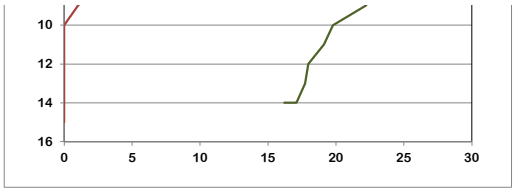
Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
ST-25	6/24/2015	915	0.3	26.6	260.0	8.7	0.0	9.4	116.5	2.7	873.9	500.0
	6/24/2015	915	1	26.6	260.2	8.7	0.0	9.4	116.3			
	6/24/2015	915	2	26.6	260.3	8.7	0.0	9.4	116.3			
	6/24/2015	915	3	26.6	260.1	8.7	0.0	9.4	116.0			
	6/24/2015	915	4	26.5	259.8	8.6	0.0	9.3	115.5			
	6/24/2015	915	5	26.2	261.2	8.6	0.0	9.3	114.5			
	6/24/2015	915	6	25.8	263.5	8.5	0.1	9.2	112.6			
	6/24/2015	915	7	25.5	266.7	8.1	0.3	8.8	107.6			
	6/24/2015	915	8	23.2	279.0	7.7	0.6	5.1	59.7			
	6/24/2015	915	9	21.7	285.4	7.5	0.7	1.9	21.2			
	6/24/2015	915	10	21.4	286.3	7.5	0.9	0.8	8.4			
	6/24/2015	915	11	21.1	288.8	7.5	1.0	0.0	0.0			
	6/24/2015	915	12	19.8	296.1	7.5	1.0	0.0	0.0			
	6/24/2015	915	13	19.6	295.9	7.5	1.0	0.0	0.0			
	6/24/2015	915	14	17.8	299.1	7.5	0.2	0.0	0.0			
	6/24/2015	915	14	17.3	300.4	7.4	0.1	0.0	0.0			
	6/24/2015	915	15	16.3	292.3	7.4	0.2	0.0	0.0			
	6/24/2015	915	16	15.0	298.2	7.4	0.1	0.0	0.0			
	6/24/2015	915	17	13.6	296.2	7.4	0.2	0.0	0.0			



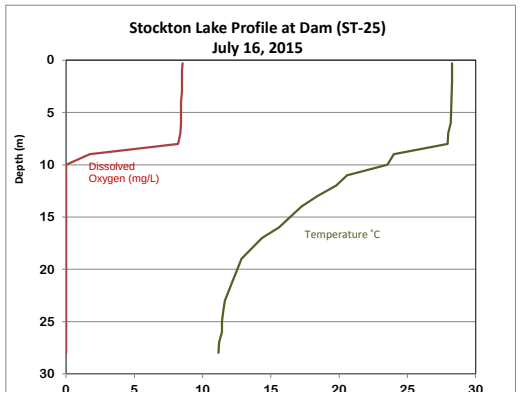


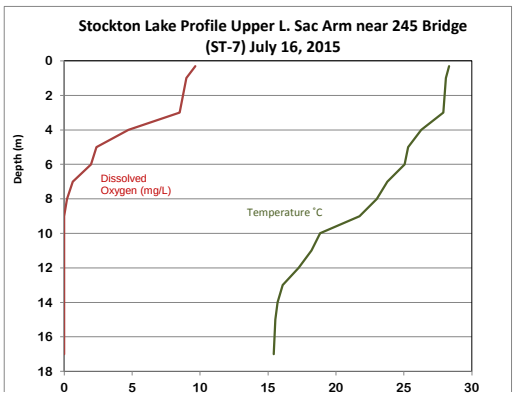
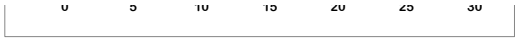
	6/24/2015	915	18	13.2	298.2	7.4	0.3	0.0	0.0	
	6/24/2015	915	19	12.8	292.4	7.4	0.3	0.0	0.0	
	6/24/2015	915	20	12.2	294.6	7.4	0.9	0.0	0.0	
	6/24/2015	915	21	12.2	296.3	7.4	0.9	0.0	0.0	
	6/24/2015	915	22	11.4	293.3	7.5	0.9	0.0	0.0	
	6/24/2015	915	23	11.1	293.4	7.3	0.7	0.0	0.0	
	6/24/2015	915	24	10.9	294.3	7.4	0.9	0.0	0.0	
	6/24/2015	915	25	10.7	294.5	7.3	1.4	0.0	0.0	
	6/24/2015	915	26	10.7	294.7	7.3	1.9	0.0	0.0	
	6/24/2015	915	27	10.6	295.3	7.3	2.4	0.0	0.0	
	6/24/2015	915	28	10.6	295.6	7.3	3.4	0.0	0.0	
	6/24/2015	915	29	10.6	295.7	7.3	4.7	0.0	0.0	
ST-7	6/24/2015	1000	0.3	28.0	246.9	8.9	1.6	10.6	134.5	1.9
	6/24/2015	1000	1	27.9	246.8	8.9	2.1	10.9	138.6	
	6/24/2015	1000	2	27.8	246.6	8.9	2.2	10.9	138.6	
	6/24/2015	1000	3	27.0	249.9	8.8	2.3	10.9	136.7	
	6/24/2015	1000	4	26.5	253.5	8.5	2.4	9.2	113.5	
	6/24/2015	1000	5	26.2	254.6	8.1	2.4	8.0	98.3	
	6/24/2015	1000	6	24.5	259.8	7.7	2.5	4.5	53.9	
	6/24/2015	1000	7	23.9	261.9	7.5	2.7	3.0	36.0	
	6/24/2015	1000	8	23.4	267.1	7.5	2.8	2.3	26.8	
	6/24/2015	1000	9	22.2	285.7	7.4	3.3	1.0	11.5	
	6/24/2015	1000	10	19.8	298.4	7.4	4.1	0.0	0.0	
	6/24/2015	1000	11	19.1	298.3	7.4	5.2	0.0	0.0	
	6/24/2015	1000	12	18.0	303.1	7.4	5.7	0.0	0.0	
	6/24/2015	1000	13	17.7	303.5	7.4	6.2	0.0	0.0	
	6/24/2015	1000	14	17.1	301.3	7.4	6.4	0.0	0.0	
	6/24/2015	1000	14	16.2	303.7	7.3	15.1	0.0	0.0	
	6/24/2015	1000	15	14.9	312.7	7.3	21.9	0.0	0.0	
ST-13	6/24/2015	1030	0.3	26.6	267.6	8.6	2.6	11.1	137.7	1.1
	6/24/2015	1030	1	26.6	266.9	8.6	2.6	11.0	137.3	
	6/24/2015	1030	2	26.6	267.1	8.6	2.8	11.1	137.5	
	6/24/2015	1030	3	26.5	269.0	8.5	3.0	11.1	138.0	
	6/24/2015	1030	4	25.8	277.2	8.3	3.0	9.5	115.8	
	6/24/2015	1030	5	25.1	284.9	7.8	3.0	8.1	98.1	
	6/24/2015	1030	6	22.6	313.2	7.5	3.2	3.3	37.7	
	6/24/2015	1030	7	21.9	316.6	7.4	3.2	1.3	14.3	
	6/24/2015	1030	8	20.6	316.8	7.4	3.1	0.0	0.0	
	6/24/2015	1030	9	19.3	314.0	7.4	2.9	0.0	0.0	
	6/24/2015	1030	10	18.5	316.6	7.4	2.7	0.0	0.0	
	6/24/2015	1030	11	18.1	319.0	7.4	2.6	0.0	0.0	
	6/24/2015	1030	12	17.5	317.6	7.4	2.5	0.0	0.0	
	6/24/2015	1030	13	17.0	317.8	7.4	2.3	0.0	0.0	
	6/24/2015	1030	14	16.1	318.2	7.4	2.0	0.0	0.0	
	6/24/2015	1030	15	15.6	315.9	7.4	2.3	0.0	0.0	
	6/24/2015	1030	16	15.5	317.6	7.4	2.5	0.0	0.0	
ST-2	6/24/2015	1130	0.3	27.0	276.3	8.4	6.7	8.2	102.4	
ST-10	6/24/2015	1300	0.3	24.5	496.4	8.1	13.9	8.9	106.3	
ST-20	6/24/2015	1330	0.3	23.3	453.6	8.0	36.3	8.3	96.9	
ST-43	6/24/2015	1345	0.3	23.4	414.1	7.9	19.6	8.7	102.4	
ST-14	6/24/2015	1400	0.3	28.4	293.0	8.9	7.1	11.8	150.8	





Site #	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturatio	Secchi Depth meters	Lake elevation feet	outflow csf
ST-2	7/16/2015	1150	0.3	30.3	206.2	8.3	0	9.26	128.1		875.28	5500
ST-25	7/16/2015	945	0.3	28.27	190.6	8.58	0	8.53	113.9	2.2		
	7/16/2015	945	1	28.28	190.6	8.6	0	8.5	113.5			
	7/16/2015	945	2	28.28	190.5	8.6	0	8.48	113.3			
	7/16/2015	945	3	28.25	190.8	8.61	0	8.48	113.2			
	7/16/2015	945	4	28.23	190.6	8.57	0	8.42	112.4			
	7/16/2015	945	5	28.2	190.9	8.56	0	8.42	112.4			
	7/16/2015	945	6	28.17	191	8.55	0	8.43	112.4			
	7/16/2015	945	7	28	191.5	8.5	0	8.38	111.3			
	7/16/2015	945	8	27.95	191.6	8.5	0	8.22	109.2			
	7/16/2015	945	9	24	202.6	7.38	0	1.73	21.4			
	7/16/2015	945	10	23.54	205.4	7.32	0	0	0			
	7/16/2015	945	11	20.58	220.2	7.3	0	0	0			
	7/16/2015	945	12	19.78	223.5	7.3	0	0	0			
	7/16/2015	945	13	18.41	225.8	7.3	0	0	0			
	7/16/2015	945	14	17.24	227.3	7.29	0	0	0			
	7/16/2015	945	16	15.59	225.1	7.15	0	0	0			
	7/16/2015	945	17	14.36	223.5	7.27	0	0	0			
	7/16/2015	945	19	12.84	222.3	7.24	0	0	0			
	7/16/2015	945	22	11.94	221.1	7.19	0	0	0			
	7/16/2015	945	23	11.64	221.9	7.22	0	0	0			
	7/16/2015	945	24	11.52	222.1	7.22	0	0	0			
	7/16/2015	945	25	11.42	222.1	7.29	0	0	0			
	7/16/2015	945	26	11.41	222.2	7.05	0	0	0			
	7/16/2015	945	27	11.21	222.2	7.23	0	0	0			
	7/16/2015	945	28	11.16	221.8	7.15	0	0	0			





ST-7	7/16/2015	1015	0.3	28.33	182.1	8.7	0	9.66	129.1	1.7
	7/16/2015	1015	1	28.08	182.5	8.69	9.7	8.98	119.5	
	7/16/2015	1015	3	27.89	184.2	8.56	0	8.5	112.8	
	7/16/2015	1015	4	26.27	193.1	7.81	0	4.72	60.8	
	7/16/2015	1015	5	25.3	199	7.48	0	2.38	30.1	
	7/16/2015	1015	6	25.06	202	7.44	0	1.98	24.9	
	7/16/2015	1015	7	23.78	209.8	7.3	0	0.63	7.7	
	7/16/2015	1015	8	23.01	216.7	7.27	0	0.21	2.5	
	7/16/2015	1015	9	21.74	222.4	7.23	0	0	0	
	7/16/2015	1015	10	18.84	227.7	7.25	0	0	0	
	7/16/2015	1015	11	18.19	226.2	7.25	0	0	0	
	7/16/2015	1015	12	17.25	226.8	7.25	0	0	0	
	7/16/2015	1015	13	16.07	228.7	7.25	0	0	0	
	7/16/2015	1015	14	15.71	230.2	7.26	0	0	0	
	7/16/2015	1015	15	15.53	230.8	7.27	0.3	0	0	
	7/16/2015	1015	17	15.41	232.1	7.27	5.7	0	0	
ST-13	7/16/2015	1045	0.3	28.31	193.4	8.47	0	9.76	130.4	1.3
	7/16/2015	1045	1	28.07	193.5	8.56	0	9	119.7	
	7/16/2015	1045	3	27.08	199	8.17	0	6.88	90	
	7/16/2015	1045	4	26.39	201.1	7.88	0	4.85	62.6	
	7/16/2015	1045	5	24.58	212.4	7.41	0	0.66	8.3	
	7/16/2015	1045	8	22.66	242.1	7.25	0	1.77	21.3	
	7/16/2015	1045	9	22.07	250.2	7.26	1.5	2.11	25.1	
	7/16/2015	1045	10	21.78	252.9	7.18	2.3	2.1	24.9	
	7/16/2015	1045	11	20.58	258.2	7.23	3.9	0.85	9.8	
	7/16/2015	1045	13	19.11	258.9	7.19	3.1	0	0	
	7/16/2015	1045	14	17.03	247.3	7.18	0	0	0	
	7/16/2015	1045	15	16.53	245.4	7.16	0	0	0	
	7/16/2015	1045	16	16.12	243.5	7.16	0	0	0	
	7/16/2015	1045	17	15.91	243.5	6.89	32.2	0	0	
Inflows										
ST-10	7/16/2015	1330	0.3	25.1	354.5	7.78	4.3	8.23	103.8	
ST-20	7/16/2015	1540	0.3	23.47	342	7.73	19.3	7.94	97.2	
ST-43	7/16/2015	1600	0.3	28.41	285.5	8.21	18	10.9	146	
ST-14	7/16/2015	1615	0.3	30.63	214.8	8.1	0.9	8.99	125.2