

Table 3. Water quality data for Lake Allegan, June 25, 2001.

STATION	DEPTH (ft)	DEPTH (ft)	TEMP. (F)	D.O.	COND.	pH	CHLORO A. (ug/l)	NITRATE+			K. NITRO. (mg/l)	ORTHO PHOS. (mg/l)	ORTHO PHOS. (ug/l)	TOTAL PHOS. (mg/l)	TOTAL PHOS. (ug/l)	% PO4	TSS (mg/l)	TDS (mg/l)	COD (mg/l)	TOC (mg/l)	
								NITRITE (mg/l)	NITRATE (mg/l)	AMMONIA (mg/l)											
Station #1	Surface (S)	0	75.4	11.9	591	8.2	23	0.016	1.01	0.032	1.03	0.012	12	0.097	97	12.4	17	440	26	8.4	
Depth (ft): 7	2	2	74.2	11.5	592	8.2															
Secchi	4	4	72.4	9.8	587	8.2															
Depth (ft): 1.5	(B)6	6	71.5	8.7	598	8.2		0.017	1.03	0.049	0.9	0.012	12	0.094	94	12.8	18	460	30	9.2	
Station #2	Surface(S)	0	78.9	14.5	572	8.4	32	0.022	0.86	0.017	0.82	0.007	7	0.062	62	11.3	13		430	8.3	
Depth (ft): 14	2	2	78.9	14.2	573	8.5															
Secchi	4	4	76.5	11.4	581	8.3															
Depth (ft): 2.2	(M)6	6	73.9	9.1	589	8.1		0.024	0.99	0.17	1.19	0.018	18	0.117	117	15.4	9	430	24	7.3	
	8	8	71.7	5.3	594	7.8															
	10	10	71.6	3.6	594	7.7															
	12	12	71.2	3.3	597	7.7															
	(B)13	13	70.9	2.1	599	7.6		0.03	1.03	0.31	1.13	0.045	45	0.129	129	34.9	25	410	26	7.8	
Station #3	Surface(S)	0	80.6	15.9	563	8.4	45	0.023	0.83	0.015	0.91	0.008	8	0.057	57	14.0	19	400	26	7.6	
Depth (ft): 19	2	2	80	16.1	561	8.4															
Secchi	4	4	76.2	15.4	566	8.4															
Depth (ft): 3.0	6	6	74.6	13.6	573	8.3															
	(M)8	8	74	11.4	580	8.2		0.021	0.92	0.015	0.86	0.006	6	0.055	55	10.9	15	420	25	7.3	
	10	10	73.2	9.8	587	8.1															
	12	12	72.7	8.4	588	8															
	14	14	72.3	7.9	585	8															
	16	16	71.6	5.9	589	7.8															
	(B)17	17	71.4	4.9	592	7.7		0.02	1.1	0.054	0.75	0.005	5	0.058	58	8.6	14	400	21	7.3	
Station #4	Surface(S)	0	73.1	9.8	603	8.2	46	0.012	1.25	0.01	0.77	0.006	6	0.077	77	7.8	12	400	23	7.4	
Depth (ft): 9	2	2	73	9.5	595	8.2															
Secchi	(M)4	4	71.9	9.1	591	8.2		0.011	1.23	0.014	0.85	0.006	6	0.092	92	6.5	19	420	24	7.6	
Depth (ft): 2	6	6	71.7	8.8	587	8.2															
	8	8	71.6	8.7	574	8.2															
	(B)9	9	71.5	8.4	573	8.2		0.012	1.13	0.022	0.9	0.005	5	0.109	109	4.6	29	410	26	7.2	
Station #5	Surface(S)	0	77	12.4	599	8.4	55	0.014	1.18	0.012	0.91	0.01	10	0.078	78	12.8	14	450	26	8	
Depth (ft): 8	2	2	74.4	12.2	598	8.4															
Secchi	(M)4	4	73	11.4	599	8.3		0.014	1.2	0.012	0.94	0.009	9	0.085	85	10.6	16	430	26	7.1	
Depth (ft): 2	6	6	71.9	10	603	8.2															
	8	8	71.6	8.7	602	8.1															
	(B)10	10	71.5	7.8	603	8.1		0.012	1.27	0.027	0.93	0.009	9	0.108	108	8.3	35	440	26	7.7	
Averages							40	0.018	1.07	0.054	0.92	0.011	11.28571	0.087	87	13.0	18	423	54	7.7	
Average	Surface	0.0	77.0	12.9	586	8.3	40	0.017	1.03	0.017	0.89	0.009	9	0.074	74	11.7	15	423	106	7.9	

















