

## 2004 Lake Water Quality Monitoring Data

Sample Id	Sample Date	Secchi m	Temp °C	DO mg/L	DO %	Sp. Cond µS/cm	pH	TP µg/L	SRP µg/L	TN mg/L	Chl-a µg/L
FISH	26-Apr-04	1.50	11.6	14.5	134	0.386	10.05	82	5.7	1.72	28.9
FISH	11-May-04	6.70	16.6	10.9	111	0.436	8.63	58	10.5	1.71	3.3
FISH	25-May-04	4.20	14.9	10.7	106	0.401	8.4	41		1.39	7.9
FISH	09-Jun-04	2.90	21.1	10.0	113	0.393	8.27	42		1.16	9.1
FISH	21-Jun-04	1.52	21.7	10.7	121	0.374	8.3	36		1.20	24.0
FISH	06-Jul-04	1.40	23.0	7.9	92	0.413	9.13	48		1.50	22.0
FISH	19-Jul-04	0.90	25.9	11.1	136	0.407	9.19	57		1.69	64.1
FISH	02-Aug-04	1.45	25.3	9.6	117	0.423	8.63	39		1.28	31.7
FISH	16-Aug-04	1.10	22.5	10.2	118	0.399	7.71	47		1.47	37.9
FISH	07-Sep-04	2.51	22.1	9.3	107	0.402	7.76	41		1.44	37.4
FISH	27-Sep-04	1.06	19.6	10.0	109	0.406	7.32	63	1.7	1.57	50.7
	<b>Mean</b>	<b>2.29</b>		<b>10.4</b>	<b>115</b>	<b>0.404</b>	<b>8.49</b>	<b>50</b>	<b>6.0</b>	<b>1.47</b>	<b>28.8</b>
	Std.Dev.	1.76		1.61	12.4	0.017	0.77	13.6	4.4	0.20	18.5
	Summer Mean (May-Sept)	2.37		10.0	113.0	0.41	8.33	47.0	6.1	1.4	28.8

Sample Id	Sample Date	Secchi m	Temp °C	DO mg/L	DO %	Sp. Cond µS/cm	pH	TP µg/L	SRP µg/L	TN mg/L	Chl-a µg/L
WEAVER	27-Apr-04	1.60	10.9	14.0	127	0.36	10.30	32	3.6	0.99	21.8
WEAVER	12-May-04	7.57	16.9	10.3	107	0.28	9.21	32	25.0	0.89	1.8
WEAVER	25-May-04	6.15	14.7	10.2	100	0.35	8.71	32		0.76	2.7
WEAVER	08-Jun-04	3.27	22.6	10.1	118	0.34	8.53	73		0.92	10.0
WEAVER	21-Jun-04	2.90	21.1	9.6	108	0.34	8.39	44		1.05	16.2
WEAVER	06-Jul-04	1.00	22.5	8.6	100	0.37	9.43	52		1.59	71.2
WEAVER	19-Jul-04	0.70	27.0	12.8	160	0.36	9.68	96		2.49	159.8
WEAVER	02-Aug-04	0.93	25.0	9.6	117	0.38	8.93	63		1.66	58.9
WEAVER	16-Aug-04	1.00	22.2	11.5	132	0.36	7.88	51		1.71	48.6
WEAVER	07-Sep-04	0.39	21.4	8.1	92	0.37	7.53	39		1.11	16.9
WEAVER	27-Sep-04	3.06	19.2	10.3	111	0.37	7.32	31	1.7	0.99	18.1
	<b>Mean</b>	<b>2.60</b>		<b>10.5</b>	<b>116</b>	<b>0.35</b>	<b>8.72</b>	<b>50</b>	<b>10.1</b>	<b>1.29</b>	<b>38.7</b>
	Std.Dev.	2.35		1.7	19	0.03	0.92	20.7	12.9	0.52	46.3
	Summer Mean (May-Sept)	2.70		10.1	114.4	0.35	8.56	51.3	13.4	1.3	40.4

Sample Id	Sample Date	Secchi m	Temp °C	DO mg/L	DO %	Sp. Cond µS/cm	pH	TP µg/L	SRP µg/L	TN mg/L	Chl-a µg/L
DIAMOND	27-Apr-04	0.40	11.0	11.1	101	0.32	9.84	165	3.8	2.14	56.9
DIAMOND	11-May-04	0.72						160	4.0	2.23	82.4
DIAMOND	25-May-04	0.57	13.7	11.1	107	0.34	8.38	169		2.21	42.3
DIAMOND	08-Jun-04	0.79	23.3	10.8	126	0.32	8.43	109		1.22	25.2
DIAMOND	21-Jun-04	0.45	20.7	9.6	107	0.30	8.26	136		2.48	68.9
DIAMOND	06-Jul-04	0.45	21.9	7.4	85	0.32	9.19	181		2.99	67.9
DIAMOND	19-Jul-04	0.31	28.7	13.5	175	0.30	9.93	137		2.31	50.8
DIAMOND	02-Aug-04	0.37	26.6	12.3	154	0.30	9.31	197		2.75	44.7
DIAMOND	16-Aug-04	0.20	23.8	15.9	188	0.29	8.43	331		3.89	36.3
DIAMOND	07-Sep-04	1.21	20.7	9.4	106	0.28	8.01	257		3.26	111.4
DIAMOND	27-Sep-04	0.38	18.4	12.5	133	0.29	7.61	210	21.7	3.13	45.9
	<b>Mean</b>	<b>0.53</b>		<b>11.4</b>	<b>128</b>	<b>0.31</b>	<b>8.74</b>	<b>186</b>	<b>9.8</b>	<b>2.60</b>	<b>57.5</b>
	Std.Dev.	0.28		2.36	34.1	0.02	0.78	62.3	10.3	0.71	24.1
	Summer Mean (May-Sept)	0.55		11.4	131.0	0.30	8.62	188.6	12.8	2.6	57.6

Secchi = Secchi Disc Transparency      TP = Total Phosphorus      TN = Total Nitrogen  
 Sp. Cond = Specific Conductivity      SRP = Soluble Reactive Phosphorus      Chl-a = Chlorophyll a  
 Note: Temperature, DO, DO%, Specific Conductivity and Ph are measured at the surface.

