Appendix 4. Limnological information collected by GLFL in the Anchor Bay-St. Clair Flats area of Lake St. Clair, January 30-April 5, 1979.

Limnological information collected by GLFL in the Anchor Bay-St. Clair Flats area of Lake St. Clair, January 30-April 5, 1979.

JANUARY 30-31, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease[a] (mg/l)
1	5	0.0	12.2	3.0	34	218	1.1	1.3	21	205B	8.1	0.041	3.21
	20	0.0	12.4			214	1.2	1.5					1.06
	50	0.0	12.4										
	100	0.0	12.4										
	150	0.0	12.4										
	200	0.5	12.4										
	205B[b]	0.5	12.6										
2	5	1.0	12.2	7.5	34	220	1.0	0.7	17	200B	8.8	0.030	3.86
	20	0.5	11.8			221	1.0	0.9					1.30
	50	0.5	11.8										
	100	0.5	11.8										
	150	0.5	11.8										
	200	0.5	11.8										
	215B	0.5	11.8										
3	5	0.0	12.2	5.0	40	224	1.2	0.7	6	230B	8.3	0.036	4.47
	20	0.5	12.2			225	1.2	0.8					1.14
	50	0.2	12.2										
	100	0.2	12.2										
	150	0.2	12.3										
	200	0.2	12.3										
	230B	0.2	12.3										
4	5	0.0	12.2	7.0	33	224	1.1	0.4	4	250B	7.1	0.040	3.97
	20	0.0	12.2			224	1.2	0.5					
	50	0.0	12.2										
	100	0.0	12.3										
	150	0.0	12.4										
	200	0.0	12.2										
	250B	0.0	12.2										

[a] Values for oil and grease measured before March 14, 1979, are not reliable, for reasons discussed in text.
[b] B denotes Bottom.

Appendix 4 (continued)

FEBRUARY 6-7, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	0.0	13.0	3.0	41	232	0.8	0.6	5	230B	5.1	0.025	0.32
	20	0.0	13.0			238	0.8	0.3					0.13
	50	0.0	13.0										
	100	0.0	13.2										
	150	0.0	13.2										
	200	0.0	13.4										
	230B	0.0	13.7										
2[c]	5	0.0	12.4	8.0	33	238	1.0	0.4	7	230B	6.7	0.026	0.27
	20	0.0	12.2			238	1.1	0.8					0.07
	50	0.0	12.2										
	100	0.0	12.2										
	150	0.0	12.1										
	200	0.0	12.1										
	230B	0.0	12.1										
3	5	0.0	13.0	3.0	42	227	1.1	N.D.[d]	4	250B	6.3	0.025	0.60
	20	0.0	13.0			227	1.2	0.1					0.20
	50	0.0	13.0										
	100	0.0	13.0										
	150	0.0	13.1										
	200	0.0	13.2										
	250B	0.0	13.4										
4	5	0.0	13.2	2.0	34	227	0.8	0.6	3	250B	5.6	0.026	0.16
	20	0.0	12.8			227	0.9	0.4					0.17
	50	0.0	12.6										
	100	0.0	12.6										
	150	0.0	12.4										
	200	0.0	12.4										
	250B	0.0	12.2										

[c] Water current was estimated to be <30 cm/sec.

[d] N.D. means Not Detectable.

Appendix 4 (continued)

FEBRUARY 6-7, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
5	---	---	--	-	-	--	---	---	---	--	---	---	1.06
													0.31
													0.37
6	---	---	--	-	-	--	---	---	---	--	---	---	0.32
													1.16
9	---	---	--	-	-	--	---	---	---	--	---	---	1.02
													0.58
													0.96
													0.74

Appendix 4 (continued)

FEBRUARY 12-14, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	0.0	14.6	7.5	38	231	0.4	1.3	4	230B	5.9	0.030	1.03
	20	0.0	14.2			231	0.5	1.5					10.29
	50	0.0	14.0										
	100	1.0	14.0										
	200	1.0	14.0										
	230B	1.0	14.0										
2	5	0.0	16.4	8.0	40	231	0.6	1.8	5	250B	7.0	0.026	N.D.
	20	0.0	16.2			236	0.6	1.9					10.22
	50	0.0	16.0										
	100	0.0	15.8										
	200	0.0	15.8										
	250B	0.0	15.8										
3	5	1.0	14.4	7.0	45	231	0.5	1.3	5	250B	4.9	0.029	4.97
	20	1.0	14.4			231	0.5	1.3					10.40
	50	1.0	14.6										
	100	1.0	14.8										
	200	1.0	14.6										
	250B	1.0	15.0										
4	5	0.0	15.6	6.0	42	220	0.5	1.9	8	220B	4.9	0.026	6.26
	20	0.0	15.4			226	0.6	0.9					2.46
	50	0.0	15.4										
	100	0.0	15.4										
	200	0.0	15.4										
	220B	0.0	15.4										
5	5	0.5	13.7	3.0	28	215	0.7	1.4	8	150B	6.3	0.032	4.78
	20	0.5	13.6			220	0.7	1.5					0.32
	50	0.2	13.6										
	100	0.2	13.6										
	150B	0.0	14.0										

Appendix 4 (continued)

FEBRUARY 26 - MARCH 1, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1[e]	5	0.0	11.8	0.0	44	239	0.6	1.8	22	230B	4.1	0.036	---
	20	0.0	11.8			240	0.8	1.9					
	50	0.0	11.8										
	100	0.0	11.8										
	150	0.5	11.8										
	200	0.5	11.9										
	230B	1.5	12.2										
2	5	0.5	11.8	0.0	45	238	0.8	0.9	52	230B	4.8	0.036	---
	20	0.5	11.7			239	0.8	1.9					
	50	0.5	11.8										
	100	0.5	11.8										
	150	0.5	11.8										
	200	0.5	12.0										
	230B	0.5	12.0										
3[f]	5	0.0	11.4	0.0	43	229	1.3	2.4	47	---	3.7	0.016	---
	20	0.0	11.3			231	1.3	2.7					
	50	0.0	11.4										
	100	0.0	11.4										
	150	0.0	11.4										
	200	0.5	11.6										
	250B	1.0	11.7										
4	5	0.0	12.4	0.0	42	218	1.1	1.8	25	330B	3.7	0.053	---
	20	0.0	12.2				1.5	5.4					
	50	0.0	12.0										
	100	0.0	11.4										
	150	0.0	11.4										
	200	0.5	11.4										
	300	1.0	11.4										
	330B	1.0	11.4										

[e] Water current = 1.6 cm/sec in a direction of 180°.
[f] Water current = 1.7 cm/sec in a direction of 255°.

Appendix 4 (continued)

FEBRUARY 26 - MARCH 1, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
5	5	---	----	0.0	0	233	0.7	1.4	100	150B	4.0	0.024	---
	20					236	0.8	1.4					
	50												
	100												
	150												
6	5	---	----	0.0	39	234	2.1	2.7	38	200B	7.8	0.046	0.10
	20					239	2.1	3.0					0.42
	50												
	100												
	200B												
7	5	---	----	0.0	0	---	---	---	100	320B	---	---	---
	20												
	50												
	100												
	200												
	300												
	320B												
8	5	---	----	0.0	50	---	---	---	36	160B	---	---	---
	20												
	50												
	100												
	160B												
9	5	0.0	11.4	0.0	0	229	0.6	1.5	50	220B	3.6	0.026	0.18
	20	0.0	11.3			231	1.0	2.0					0.53
	50	0.0	11.3										
	100	0.0	11.3										
	200	0.0	11.4										
	220B	0.0	11.5										

Appendix 4 (continued)

FEBRUARY 26 - MARCH 1, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
10	5	1.0	11.4	0.0	0	---	---	---	62	170B	---	---	---
	20	0.5	11.4										
	50	0.0	11.0										
	100	0.0	11.0										
	170B	0.0	11.0										
11	5	0.5	11.4	0.0	0	---	---	---	67	200B	---	---	---
	20	0.5	11.4										
	50	0.5	11.4										
	100	0.0	11.4										
	200B	0.0	11.6										
12 [g]	5	1.0	10.8	0.0	38	---	---	---	16	150B	---	---	---
	20	1.0	10.8										
	50	1.0	10.8										
	100	1.0	11.0										
	150B	0.5	11.0										

[g] Water current = 2.5 cm/sec in a direction of 330°.

Appendix 4 (continued)

MARCH 6-7, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	0.0	14.9	1.0	42	65	4.4	4.5	6	30	11.4	0.028	0.57
	20	0.0	14.9			65	4.4	3.7					7.96
	50	0.0	14.9										
	100	0.5	14.5										
	200	1.0	13.0										
	220B	1.0	13.0										
2	5	0.0	13.5	0.0	47	237	44.0	47.3	1	30	173.9	0.389	0.73
	20	0.0	13.6			250	55.0	40.7					6.52
	50	0.0	13.7										
	100	0.0	13.8										
	150	0.0	13.8										
	200B	0.0	13.6										
3[h]	5	0.0	15+	0.0	39	68	1.1	3.1	37	140	5.7	0.025	0.99
	20	0.0	14.8			97	1.4	3.9					2.68
	50	0.0	14.6										
	100	0.0	14.4										
	150	0.0	14.4										
	200	0.0	13.8										
	250B	0.0	--										
4[i]	5	0.0	--	0.0	33	194	1.2	2.0	42	180	6.2	0.030	0.43
	20	0.0	--			194	1.1	2.1					
	50	0.0	--										
	100	0.0	--										
	150	0.0	--										
	200	0.0	--										
	250	0.5	--										
	300	1.0	--										
	320B	1.0	--										

[h] Water current = 1.6 cm/sec in a direction of 245°.
[i] Water current = 2.5 cm/sec in a direction of 248°.

Appendix 4 (continued)

MARCH 6-7, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
5	5	0.5	--	0.0	0	218	15.2	19.0	10	40	19.4	0.059	3.40
	20	0.5	--			217	15.3	19.8					5.30
	50	0.5	--										
	100	0.5	--										
6	5	0.5	--	0.0	0	199	5.5	8.0	33	100	13.6	0.048	4.85
	20	0.5	--			204	6.2	8.9					4.75
	50	0.5	--										
	100	0.5	--										
	150	0.5	--										
	200	0.5	--										
	250B	0.5	--										
7	5	0.5	--	0.0	0	---	---	---	29	85	---	---	---
	20	0.5	--										
	50	0.5	--										
	100	0.5	--										
	200	0.5	--										
	300	0.5	--										
	350B	0.5	--										
8	5	0.5	--	0.0	0	---	---	---	41	85	---	---	---
	20	0.5	--										
	50	0.5	--										
	100	0.5	--										
	120B	0.5	--										

Appendix 4 (continued)

MARCH 6-7, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
9	5	0.0	--	0.0	0	217	3.4	5.8	48	130	6.8	0.038	5.39
	20	0.0	--			217	3.0	5.6					6.58
	50	0.0	--										
	100	0.0	--										
	200	0.0	--										
	230B	0.0	--										
10	5	0.5	--	0.0	0	---	---	---	67	165B	---	---	---
	20	0.5	--										
	50	0.5	--										
	100	0.5	--										
	150	0.5	--										
	165B	0.5	--										
11	5	0.5	--	0.0	0	---	---	---	54	150B	---	---	---
	20	0.5	--										
	50	0.5	--										
	100	0.5	--										
	150B	0.5	--										
12	5	1.0	--	0.0	0	---	---	---	53	310	---	---	---
	20	1.0	--										
	50	1.0	--										
	100	1.0	--										
	200	1.0	--										
	300	1.0	--										
	350B	1.0	--										

Appendix 4 (continued)

MARCH 14, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	1.0	11.9	0.0	43	190	7.2	8.4	19	83	20.1	0.455	0.39
	20	1.2	11.9			199	7.2	8.2					0.36
	50	1.5	12.0										
	100	1.7	12.1										
	130	1.7	12.1										
2	5	0.4	11.8	0.0	41	254	6.5	7.8	4	61	27.3	0.600	---
	20	0.8	11.9			259	6.9	8.4					
	50	1.0	12.0										
	100	1.0	12.1										
	150B	1.0	9.8										
3	5	---	11.4	0.0	0	201	2.8	4.8	52	--	8.3	0.230	0.39
	20	---	11.5			200	2.7	4.8					0.30
	50	---	11.6										
	100	---	11.7										
	120B	---	11.7										
4	5	---	--	0.0	30	186	9.3	14.4	20	110	18.2	0.055	0.23
	20	---	--			189	12.3	18.8					0.29
	50	---	--										
	100	---	--										
	150	---	--										
	170B	---	--										

Appendix 4 (continued)

MARCH 14, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
5	5	---	--	0.0	0	217	2.3	3.8	80	150B	8.2	0.027	0.52
	20	---	--			217	2.4	2.8					
	50	---	--										
	100	---	--										
	150B	---	--										
6	5	---	--	0.0	10	213	2.3	5.8	70	175	7.0	0.020	0.53
	20	---	--			210	2.4	4.2					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
7	5	---	--	0.0	0	---	---	---	31	80	---	---	---
	20	---	--										
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
8	5	---	--	0.0	0	---	---	---	75	140B	---	---	---
	20	---	--										
	50	---	--										
	100	---	--										
	140B	---	--										

Appendix 4 (continued)

MARCH 14, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
9	5	---	--	0.0	0	211	2.0	4.2	80	200	5.7	0.018	0.43
	20	---	--			216	2.1	2.8					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250B	---	--										
10	5	---	--	0.0	0	---	---	---	52	180B	---	---	---
	20	---	--										
	50	---	--										
	100	---	--										
	150	---	--										
	180B	---	--										
11	5	---	--	0.0	0	---	---	---	62	200B	---	---	---
	20	---	--										
	50	---	--										
	100	---	--										
	200	---	--										
12	5	---	--	0.0	0	---	---	---	79	300B	---	---	---
	20	---	--										
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	300B	---	--										

Appendix 4 (continued)

MARCH 28, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	1.0	13.2	0.0	0	328	9.3	16.0	62	70	25.0	0.057	0.24
	20	1.0	13.2			315	9.3	16.0					0.15
	50	1.0	13.2										
	100	1.0	13.2										
	130B	1.0	13.3										
2	5	0.5	12.4	0.0	0	348	29.4	44.8	3	30	36.3	0.083	0.44
	20	0.5	12.6			326	28.2	45.6					
	50	1.0	12.6										
	100	1.0	12.8										
	150B	1.0	13.0										
3	5	1.5	--	0.0	2	236	5.9	10.8	24	90	13.4	0.040	0.19
	20	1.5	--			242	5.7	10.0					
	50	1.5	--										
	100	1.5	--										
	125B	1.5	--										
4	5	---	--	0.0	0	237	22.2	40.4	6	40	13.1	0.039	0.05
	20	---	--			234	21.6	40.0					
	50	---	--										
	100	---	--										
	200B	---	--										

Appendix 4 (continued)

MARCH 28, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
5	5	---	--	0.0	0	231	3.5	8.0	73	120B	6.1	0.028	---
	20	---	--			232	3.9	7.1					
	50	---	--										
	100	---	--										
	120B	---	--										
6	5	---	--	0.0	0	231	3.8	10.4	66	150	5.8	0.030	---
	20	---	--			234	3.9	11.0					
	50	---	--										
	100	---	--										
	150	---	--										
	180B	---	--										
9	5	---	--	0.0	0	229	1.7	2.8	70	240B	3.8	0.026	---
	20	---	--			221	1.5	3.3					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250	---	--										

Appendix 4 (continued)

APRIL 5, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
1	5	4.5	--	0.0	0	259	14.4	17.3	23	50	23.7	0.063	---
	20	---	--			258	14.1	18.4					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250B	---	--										
2	5	3.5	--	0.0	0	231	7.5	10.6	40	90	18.1	0.047	---
	20	---	--			234	7.8	11.8					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250B	---	--										
3	5	4.0	--	0.0	0	234	12.3	14.4	13	30	22.2	0.058	---
	20	---	--			234	12.6	14.6					
	50	---	--										
	100	---	--										
	150	---	--										
	200B	---	--										
4	5	---	--	0.0	0	261	9.3	11.2	27	66	42.9	0.083	---
	20	---	--			255	8.7	12.2					
	50	---	--										
	100	---	--										
	150B	---	--										

Appendix 4 (continued)

APRIL 5, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
13	5	---	--	0.0	0	217	2.5	3.0	82	160	9.0	0.028	---
	20	---	--			220	2.5	4.2					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250	---	--										
	300B	---	--										
14	5	2.0	--	0.0	0	217	4.5	6.0	75	200	9.0	0.028	---
	20	---	--			220	3.8	6.7					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250	---	--										
	300	---	--										
	350B	---	--										
15	5	2.0	--	0.0	0	213	2.9	4.4	71	183	5.9	0.033	---
	20	---	--			216	2.7	4.7					
	50	---	--										
	100	---	--										
	150	---	--										
	200	---	--										
	250	---	--										
	300	---	--										
	350	---	--										
	400	---	--										

Appendix 4 (continued)

APRIL 5, 1979

Station	Depth (cm)	Temperature (°C)	Dissolved Oxygen (mg/l)	Snow Cover (cm)	Ice Thickness (cm)	Conductivity @25°C (µmho/cm)	Turbidity (NTU)	Suspended Particulate Matter (mg/l)	Percent Incident Light @ 1 m	Secchi Depth (cm)	Fluorescence @ 460 nm	U.V. Absorbance @ 250 nm	Oil and Grease (mg/l)
16	5	2.0	--	0.0	0	212	2.0	2.6	61	200B	4.1	0.024	---
	20	---	--			212	2.1	3.4					
	50	---	--										
	100	---	--										
	150	---	--										
	200B	---	--										