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A REPORT ON THE OKANAGAN WATER INVESTIGATION 1969-70

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ABSTRACT

From May 1969 through April 1970, the five main lakes of the Okanagan Valley System were monitored for selected chemical, physical and algal data. The lakes studied were, in direction of flow; Woods, Kalamalka, Okanagan (4 transects), Skaha (2 transects) and Osoyoos (2 transects). Twelve miscellaneous inflow areas were also sampled. The data are included in this report but not analyzed.

Generally the highest Dissolved Oxygen values were at the lower lake depths in February and March when the lowest temperatures were recorded. Low or zero D.O. values were recorded near the bottom of the south basin of Osoyoos Lake from late July to early September. Kalamalka Lake had the least fluctuation in pH, D.O., Nitrate-Nitrogen and total Phosphate, probably indicating stability. Similar low fluctuations in values of D.O., Volatile Solids, Ammonia-Nitrogen, NO_3^{-}-N and total $PO_4^{\equiv}$ in Woods Lake also indicate stability. However, Woods Lake recorded some of the highest V.S., NH_4^{+}-N total $PO_4^{\equiv}$ values

as well as low D.O. values. Kalamalka Lake is stable and low in nutrients, but Woods Lake which is as stable, is high in nutrients. Both have been so at least since the preliminary studies in 1935 (Clemens, et al. 1939). North Skaha Lake has the highest fluctuation in total $PO_4^{\equiv}$. The northern basin of Osoyoos Lake has the highest variation in NO_3^{-}-N with the south basin having the most in DO., V.S., and NH_4^{+}-N. Thus Skaha and Osoyoos Lakes are unstable and are becoming enriched.

The phytoplankton populations of the 5 lakes are similar in composition with Woods Lake and the south basin of Osoyoos Lake supporting the largest numbers (ca. 7500/ml^3). The north basin of Osoyoos Lake and all of Skaha Lake have counts half this number (ca. 3500/ml^3); whereas, all Okanagan Lake stations record one-quarter the numbers in Woods Lake (ca. 1500/ml^3). Kalamalka Lake counts were the smallest of any of the lakes (ca. 400/ml^3). The composition of the phytoplankton is indicative of the nutrient level. Bluegreen algae in abundance indicate high levels, and the presence of diatoms and phytoflagellates, lower levels. The distribution of phytoplankton throughout the year shows the bluegreen algae generally dominant in Woods Lake at all times. The summer dominance of both diatoms and bluegreen algae in Okanagan, Skaha and Osoyoos Lakes indicates increasing nutrient levels. However, the spring increases (large enough to be considered bloom conditions) in phytoflagellates probably indicate nutrient mixing with an even distribution and dilution of the total nutrients.

The overall conclusions are that Woods Lake is still eutrophic, probably irreversibly, and more as a natural phenomenon than man-made. The south basin of Osoyoos Lake is very close to becoming eutrophic; whereas, the north basin of Osoyoos and all of Skaha Lake are approaching eutrophy. The main bodies of Okanagan and Kalamalka Lakes are still oligotrophic; although, it is feasible that near the shores, local enrichment is occurring due to addition of materials remaining near the point of entry. The increasing eutrophy in all lakes (except Woods) probably still is reversible.

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1. INTRODUCTION

At the request of the Water Investigations Branch of the British Columbia Water Resources Service, the Okanagan Water Quality Monitoring Program was continued from May 1969 through April 1970. The program originally started in May 1967 was primarily a study of several Okanagan Valley lakes to determine the photosynthetic growth organisms and some of the chemical and physical factors influencing their growth. In addition, the south end of Shuswap Lake was investigated because of its location in a nearby, but larger, watershed with less human habitation (Coulthard and Stein 1968; Table 1). Subsequently the three lakes in the Okanagan Valley (Okanagan, Skaha, Osoyoos) were monitored (Table 1) from October 1967 through April 1968 (some data is included in the report by Coulthard and Stein 1969).

The results of the 1967 program (Coulthard and Stein 1968) indicated the need for more comprehensive sampling and analytical program in the two southern lakes, Skaha, Osoyoos (Table 1). Also, at this time similar data were collected from selected inflow sites (Table 2). The monitoring was done from May - August 1968 on a bimonthly basis. From September - April 1969, a reduced program was maintained in the two lakes (see Coulthard and Stein 1969; Booth 1969).

The 1969/1970 monitoring program presented here was expanded to include the five main lakes in the Okanagan Valley System (Table 1; Fig. 1). As in the previous study (Coulthard and Stein 1969), it was considered that sources other than the Okanagan River could be contributing nutrients to Skaha and Osoyoos Lakes. Thus, *sampling of selected inflow sources was continued. These sites are shown in Fig. 1, 2 and Table 2.*

The sampling was under the field supervision of M.A. Thomson (Graduate Student, Department of Agricultural Engineering) assisted by two field technicians, J. Person and J. Brydon. Water sampling at a reduced level was continued from 15 October 1969 to 15 April 1970 by J. Bone, British Columbia Fish and Wildlife Branch, Penticton. Facilities at Penticton (field laboratory, boat) were provided by the Fish and Wildlife Branch, courtesy of D. Hurn. The chemical and biological analyses were conducted in the laboratory at the University of British Columbia, Vancouver, on frozen or preserved samples. D. Guthrie and S. Carter did the chemical analyses. J. Chapman, L. Kastrukoff, and J.Rutherford undertook the biological (algal) analyses. The transcription of data to computer services was carried out by S. Borden and R. Lauriente.

TABLE 1. - Collecting Sites

Okanagan Valley Lakes

LAKE/ DATES	May 67 Aug 67[1]	Sept 67 Apr 68[2]	May 68 Aug 68[2]	Sept 68 Apr 69[2]	May 69 Sept 69[3]	Oct 69 Apr 70[3]
Shuswap (near Sicamous)	+	0	0	0	0	0
Woods - North	0	0	0	0	+	+
- South	0	0	0	0	+	+
Kalamalka - central	0	0	0	0	+	+
Okanagan						
North - S.Vernon	+	0	0	0	+	+
Central - N.Kelowna	+	+	0	0	+	+
- S.Kelowna	0	0	0	0	+	+
South - Penticton	+	+	0	0	+	+
Skaha L - North	0	0	+	+	+	+
- South	+	+	+	+	+	+
Osoyoos - North	0	0	+[4]	+[4]	+	+
- Central	0	0	0	0	0	0
- South	+	+	+[4]	+[4]	+	+
- US	0	0	Aug-Dec +[4]	0	0	0

[1] For details of May-August 1967 - see Coulthard and Stein 1968

[2] For details of September 1967-April 1969 - see Coulthard and Stein 1969

[3] For details of May 1969-April 1970 - this report

[4] For details of Osoyoos Lake, May 1968-April 1969 - see Booth 1969

TABLE 2 - MISCELLANEOUS COLLECTING SITES AND CODES

Collecting Site/ /Dates	June-Aug 68[1]	May-Sept 69[2]
Okanagan Valley		
Penticton Treatment Plant	--	M-14
Okanagan R - N of Penticton Plant	OR-1	M-4
S of Penticton Plant	OR-2	M-5
Alymer Cannery outfall	OR-3	M-6
Okanagan Falls (S of Skaha L)	--	M-11
N of Osoyoos L	--	M-12
Ellis Creek - Penticton	--	M-13
Shingle Creek - W Penticton	SC	M-7
McIntyre Creek at Vaseux Creek	MC[4]	M-8
Park Rill (NW of Oliver)	PR[3,4]	M-10
Tugulnuit Lake outlet	TL	M-9
Drainage Ditch - NE of Osoyoos	OY-DD[4]	M-1
Kissinger Spring Lagoon	OY-SS[4]	M-3
Peanut Lake (W of Oliver)(=Blue L?)	OY-PL[4]	M-2

1 For details - see Coulthard and Stein 1969

2 For details - this report

3 Dried up by July 24, 1968

4 For details - see Booth 1969

II. SAMPLING PROGRAM

A. Lakes

The sampling points are shown in Fig. 1. Initially Osoyoos and Skaha Lakes were sampled. In June Okanagan and Kalamalka Lakes were added with Woods included at the end of July. The location of transects is given in Appendix I. Landmarks and photographs of the reference points are recorded and available from T.L. Coulthard, Department of Agricultural Engineering, University of British Columbia.

Sampling from 1 May to 15 September 1969 (summer) was bimonthly on each transect. From 15 September 1969 to 15 April 1970 (winter) monthly samples were taken from a central point of the transect. The dates of specific samples are given in Appendix II. Each sampling period is designated by a letter of the alphabet and is a continuation of the system established in May 1968. Therefore, the 9-13 May 1969 samples are letter P with the following samples remaining in alphabetical order until December 1969 when the code was started at A. (In recording the data in the Appendices, the date is substituted for the code letter in the chemical, physical alga data.)

At each point on the transect during the summer period, water samples and measurements were taken at 0, 10, 20, 40, and 60 ft. At the time of collection, turbidity (as Secchi Disc) and air temperature readings were taken. In addition water temperature, Dissolved Oxygen, and Electrical Conductivity at the 5 depths were determined. Upon return to the field laboratory (in Penticton) the pH was measured. The samples for biological and chemical analysis were taken with a 1 litre Nansen Bottle. Chemical analysis samples (800 ml) were placed in plastic bottles in a cold chest. Biological analysis samples (100 ml) in glass jars were immediately preserved with Lugol's Iodine Solution (Coulthard and Stein 1968).

In the four small lakes -- Osoyoos, Skaha, Kalamalka, and Woods -- where maximum depth at sampling did not exceed 200 ft, a 12-ft boat with an outboard motor was used. After locating the appropriate vertical, the boat was anchored with a 7 lb anchor. When wind or wave conditions were such that the anchor did not hold the boat in the desired location, sampling was discontinued pending favorable conditions.

In Okanagan Lake, with depths exceeding 200 ft, a larger boat was used as anchoring was not possible. Usually the motor was required to maintain the boat at approximately the same location through the sampling period.

B. Miscellaneous

A single 500 ml water sample was taken for chemical analysis at each miscellaneous site, and placed in a cool chest until return to the field laboratory where it was quickly frozen. A 4 oz glass jar was filled for the biological sample, and Lugol's preservative was added.

Although the data are not discussed they are included in Appendix VII.

C. Lake Sediments

A sample of bottom sediment was obtained from each vertical where the depth did not exceed 200 ft. A grab-bucket type sampler on a hand hoist was used. The sediment samples represent a 3-4" depth in the lake bottom based on the volume of material recovered in the bucket. Where sand or silt areas were encountered (Osoyoos and Skaha), no sediment samples were taken.

A 4 oz jar of sediment was placed in a cool chest for transportation to the field laboratory.

Upon return to the Penticton laboratory, the water and sediment samples for chemical analysis were frozen as soon as possible. The frozen samples were shipped to Vancouver and were kept stored at ca.-20°C until analyzed.

The data are not discussed nor included in this report.

Fig 1

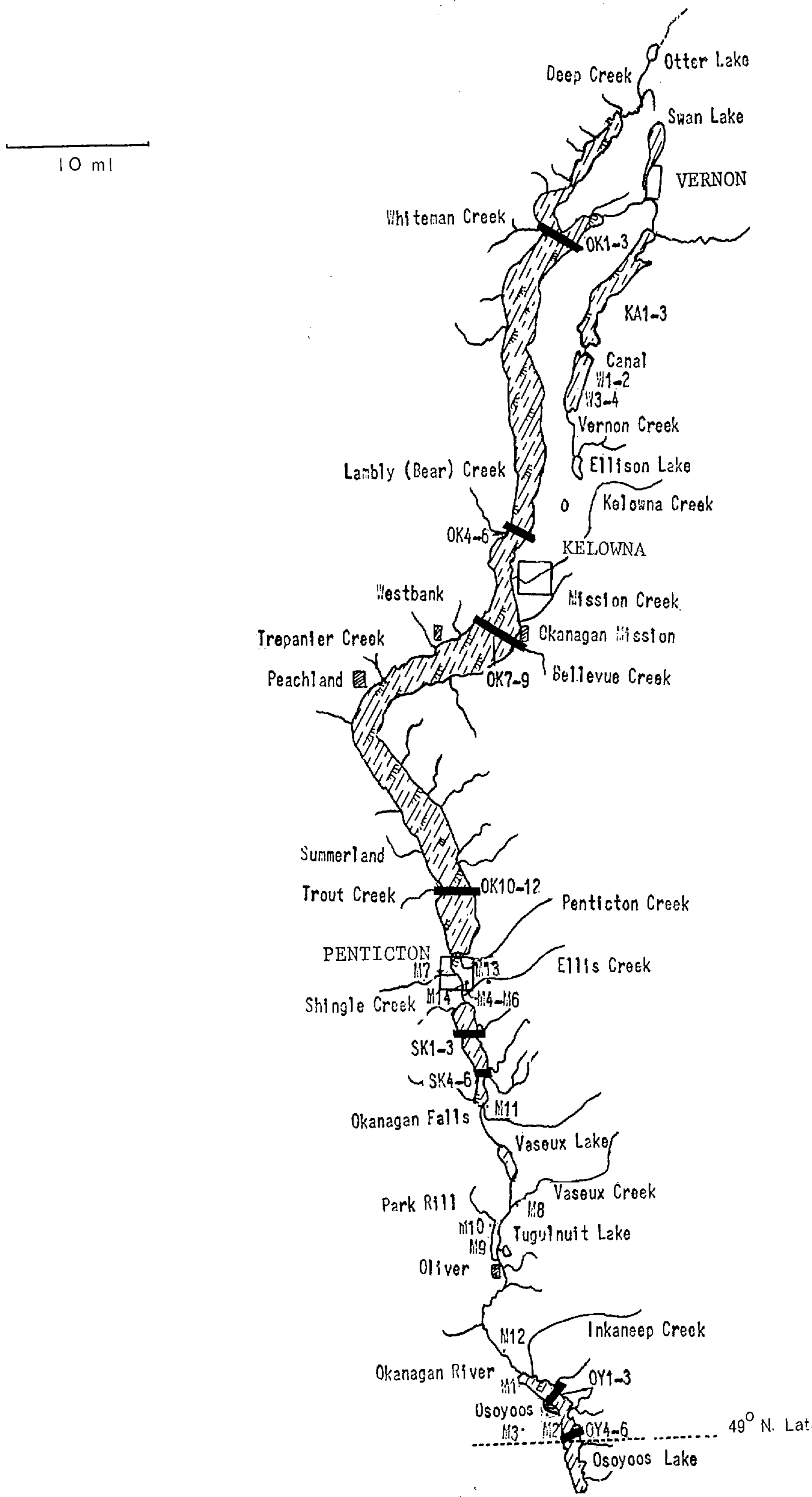
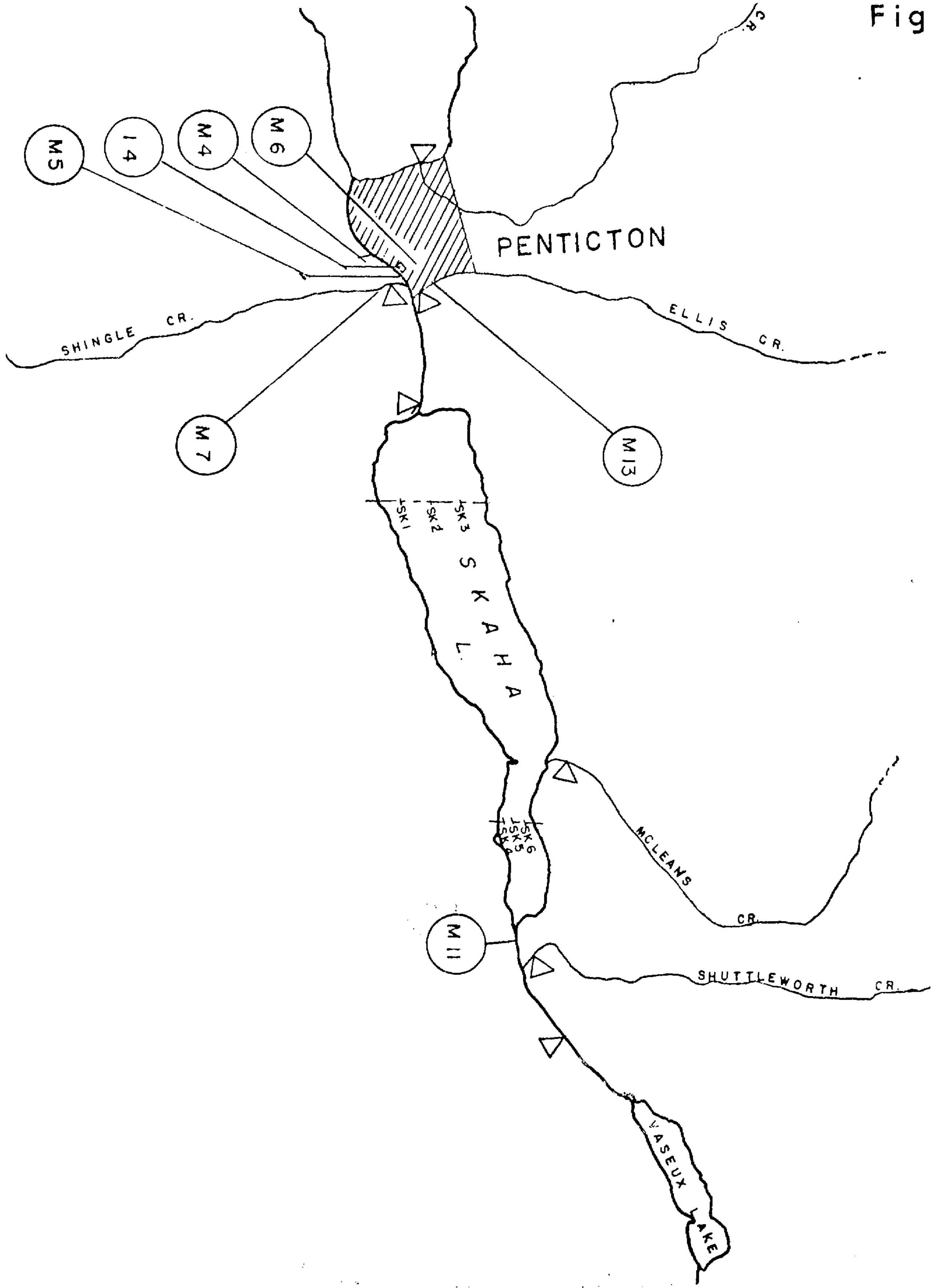

10 mi
Otter Lake
Deep Creek
Swan Lake
VERNON
Whiteman Creek
OK1-3
KA1-3
Canal
W1-2
W3-4
Vernon Creek
Ellison Lake
Lambly (Bear) Creek
Kelowna Creek
OK4-6
KELOWNA
Westbank
Mission Creek
Trepanier Creek
Okanagan Mission
Peachland
OK7-9
Bellevue Creek
Summerland
Trout Creek
OK10-12
Penticton Creek
PENTICTON
M7
M13
Ellis Creek
Shingle Creek
M14
M4-M6
SK1-3
SK4-6
Okanagan Falls
M11
Vaseux Lake
Park Rill
Vaseux Creek
M8
M10
M9
Tugulnuit Lake
Oliver
M12
Inkaneep Creek
Okanagan River
M1
OY1-3
Osoyoos
M3
M2
OY4-6
49° N. Lat.
Osoyoos Lake

Fig 2



PENTICTON
M 6
M 4
I 4
M5
SHINGLE CR.
ELLIS CR.
M 7
M13
SK1
SK2
SK3
S K A H A L.
SK6
SK5
SK4
MCLEANS CR.
M 11
SHUTTLEWORTH CR.
VASEUX LAKE
CR.

III. Tests

Temperature and Dissolved Oxygen readings were obtained using a membrane electrode oxygen/temperature probe (YSI-54). During June and early July 1969 only, temperature readings were taken using an ARA portable temperature meter and probe. At this time the deepest readings were 50 ft rather than 60 ft. For each transect, at least one set of D.O. determinations was made using the modified Winkler Method (APHA 1965, p. 406-410). These were obtained in cooperation with the Water Quality Division of the Federal Department of Mines, Energy, and Resources. The results which are compared to the probe readings taken at the same time are given in Appendix III.

The Electrical Conductivity (or conductance), which is used as an estimate of total dissolved solids (varying with ions in solution), was measured with a Barnstead meter and probe using the biological sample prior to the addition of preservative. The measurements reported here have not been corrected for temperature.

The pH measurements were made in the field laboratory 1-3 hours after collection and prior to freezing of the samples for chemical analyses. Thus the pH may vary from that actually present; but, no tests were made to investigate the potential variation.

Turbidity measurements as Secchi Disc readings were obtained at each vertical as a measure of the light penetration in the water. The Disc was lowered to a point where it was just visible. Waves and clouds may affect these readings which are probably accurate within ± 1 ft for each 10 ft depth of visibility (ca. 10% accuracy).

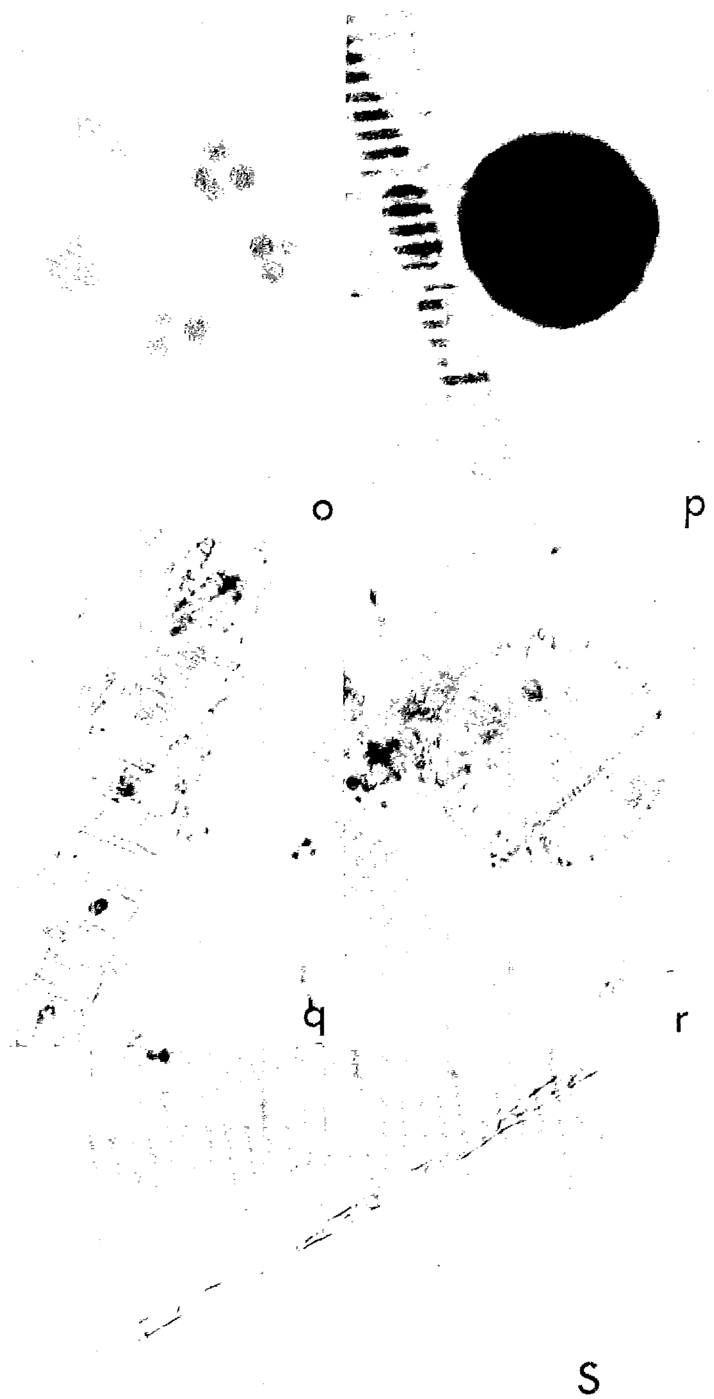
The chemical analyses were performed on the frozen samples immediately upon thawing in the Vancouver laboratory. Similar analyses to those in 1968/69 were done (Coulthard and Stein 1969). In addition, Volatile Solids, bicarbonate, carbonate, magnesium, and sulfate were analyzed. The details of the tests are given in Appendix IV.

As in previous years the preserved samples were counted using a Sedgwich-Rafter Counting chamber (Coulthard and Stein 1969). Because of the number of samples, it was possible to make only one count. When high algal populations were present, an estimate of the total number of cells was made. For some multicellular algae (colonies, filaments), counting of each cell was not feasible. A scale for these was instituted (shown in Appendix V). In general, only the dominant forms were counted, although the presence of other algae was noted and is given in Appendix V. Photographs of representative algae are presented in Fig. 3-5. In addition, Fig. 10A-E and Fig. 15F-J from Coulthard and Stein (1969) should be consulted.

Fig 3

Fig. 4

Fig 5



IV. GEOLOGICAL HISTORY

A study of the surficial deposits of the Okanagan Valley by Nasmith (1962) presents some geological history concerning the Okanagan Valley Lake System. The lakes were originally part of a large ice tongue filling the valleys as the Wisconsin ice-sheet melted. Due to the low precipitation in the area, the ice sheet melted rather than retreated leaving the mountain tops free before the valley. The Okanagan Valley is essentially a record of the wasting away of the Okanagan ice lobe confined to the valley. Due to uneven upwarping, the northern end of the Valley, around Vernon (Fig. 1), has an altitude ca.1700 ft. whereas at the south (Osoyoos, Fig. 1), the altitude is ca. 900 ft. At the south end of the Valley, near Oliver, the ice lobe essentially became stagnant, breaking into isolated blocks of ice. North of Oliver, there was a slight readvance of the ice lobe due to temporary climatic change. The prehistoris lake south of Oliver, known as Lake Oliver (Nasmith 1962), now includes the present day Vaseux and Osoyoos Lakes. These lakes are probably older than the others in the valley.

As the ice melted during the late Pleistocene, another prehistoric lake (Lake Penticton) extended from north of Vernon south to Okanagan Falls. As the elevation of Lake Penticton fell, a separate lake to the east of the main one was formed. This encompassed what presently constitutes Kalamalka, Woods, and Ellison (or Duck) Lakes (Fig. 1). Lake Penticton may have included much of Shuswap Lake and glacial lakes in the Thompson River valley. Possibly Shuswap River, Shuswap Lake and the lake system of the South Thompson River may have drained south through Lake Penticton. As the meltwater *channels changed, diverting the Shuswap drainage system to the Thompson and Fraser Rivers, the water flow south was reduced (Nasmith 1962).*

The south end of the Okanagan ice lobe first formed a series of ponds that soon coalesced to form the basin of Skaha Lake. The level of Lake Penticton was governed by a massive plug of outwash and stagnant ice, blocking the Okanagan Valley from Okanagan Falls south to McIntyre Bluff near Vaseux Lake (Fig. 1).

V. RESULTS AND DISCUSSION

The lakes will be discussed in the direction of flow from Ellison Lake (not included in this study) through Vernon Creek to Woods Lake to Kalamalka Lake to Okanagan Lake (still via Vernon Creek) and hence south through the Okanagan River to Skaha, Vaseux (not included in this study) to Osoyoos Lakes. Comparison (Table 5) will be made whenever possible with data collected in 1935 (Clemens, Rawson and McHugh 1939).

Each lake will be considered separately with physical and chemical features first. pH and $CO_3^=$ measurements generally are not considered as they are somewhat interdependent and easily affected by time and temperature at the time of measurement. The pH in most lakes averaged 8.5 and the $CO_3^=$ was negligible although it should be measurable above pH 8.4 (Hutchinson 1957). The $SO_4^=$ measurements are only an indication of amount present as they were taken monthly during the summer and less often in winter.

Although data are available from several stations in each lake -- the transect points -- only data from stations sampled throughout the winter (as indicated in Appendix I) will be considered in the discussion that follows. Thus extremes, fluctuations, and averages mentioned may be slightly different if all stations were included. The station sampled throughout the winter was always the middle one in a transect (except in Woods Lake). This point is probably the least affected by shore influences and is a good measure of the condition of the lake as a whole, thus local conditions may not be reflected in the results, especially with regard to shore areas. (Where there are discrepancies in collection dates given in Appendicies I and VI, those in Appendix I take precedence).

TABLE 3. HYDROGRAPHIC DATA - OKANAGAN VALLEY LAKES

(Data from Water Investigations Branch, British Columbia Water Resources Service, Victoria)

		WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS*
3A.	Metric System					
	Max. Depth - m	33.8	141.5	242	55.7	63.4
	Mean Depth - m	16.2	58.5	75.2	28.04	17.07
	Length - km	3.64	13.68	109.2	11.88	12.47
	Width - km	1.29	1.61	3.54	1.38	1.61
	Surface Area - km^2	9.29	25.65	34.4	19.02	15.91
	Volume - m^3	1.92×10^8	15.08×10^8	259.3×10^8	5.32×10^8	2.59×10^8
	Elevation - m	291.5	291.5	342	337.6	279.4
	Outflow - mean annual m^3/ sec.	-	0.466	13.8	14.62	15.0
	-1969/70 m^3/ sec.	-	0.393	12.4	20.2	10.72
3B.						
	Max. Depth - ft	111	465	794	183	208
	Mean Depth - ft	53.2	192	247	92	56
	Length - ml	2.46	8.5	68	7.38	7.75
	Width - ml	0.8	1.0	2.2	0.86	1.0
	Surface Area - Acres	2299	6348	85,107	4700	3750
	Volume - Acre x ft	1.6×10^5	12.2×10^5	210×10^5	4.31×10^5	2.10×10^5
	Elevation - ft	1284	1284	1122.6	1107.6	916.7

continued..

TABLE 3 - continued

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS*
Outflow - mean annual					
c.f.s.	-	16.5	488	518	530
1969/70 c.f.s	-	0.466	438	711	380
Replacement Rate - yr.	-	-	50	1+	1

*Osoyoos Lake data for Canada only. Surface area U.S. = 8.09 km^2 (2000 acres)

TABLE 4. SUMMARIZED PHYSICAL - CHEMICAL DATA - OKANAGAN VALLEY LAKES (See Appendix VI for Details)

		W3	KA2	OK2	OK5	OK8	OK11	SK2	SK5	OY2	OY5
Temp.	Avg.	9.58	10.68	11.68	11.64	11.46	10.88	10.48	10.55	11.42	13.11
°C	Low	2.6	2.4	2.6	3.0	2.6	2.2	1.0	1.2	1.3	3.0
	High	21.5	22.0	24.5	22.0	22.5	20.0	22.0	23.0	23.0	24.0
D.O.	Avg.	8.6	10.12	9.76	9.77	9.74	9.81	9.93	9.94	9.37	8.47
mg/l	Low	4.1	8.4	6.0	8.0	7.0	7.6	6.8	6.2	3.4	0.0
	High	12.4	13.6	13.2	14.0	13.1	13.7	13.9	15.4	14.6	13.1
	Range	8.3	5.2	7.2	6.0	6.1	6.1	7.1	9.2	11.2	13.1
E.C.	Avg.	194.13	207.54	156.53	153.95	156.03	141.45	141.93	141.27	150.94	156.58
μmhos	Low	125.0	130.0	105.0	105.0	100.0	100.0	90.0	90.0	100.0	110.0
	High	296.0	317.0	223.0	203.0	250.0	225.0	240.0	236.0	249.0	253.0
	Range	171.0	187.0	118.0	98.0	150.0	125.0	130.0	146.0	149.0	143.0
T.R.	Avg.	193.48	211.68	144.51	136.01	137.91	136.47	135.60	135.03	139.61	148.03
mg/l	Low	69.0	108.0	91.0	89.0	87.0	92.0	94.0	90.0	75.0	88.0
	High	224.0	266.0	206.0	174.0	207.0	170.0	182.0	172.0	226.0	237.0
	Range	155.0	158.0	115.0	85.0	120.0	78.0	88.0	82.0	151.0	149.0

continued...

TABLE 4. - continued

		W3	KA2	OK2	OK5	OK8	OK11	SK2	SK5	OY2	OY5
V.S.	Avg.	64.9	53.43	42.57	36.1	40.60	42.86	43.69	44.71	45.82	49.72
mg/l	Low	29.0	22.0	20.0	9.0	16.0	13.0	22.0	17.0	15.0	17.0
	High	85.0	100.0	91.0	74.0	87.0	90.0	134.0	85.0	111.0	150.0
	Range	56.0	78.0	71.0	65.0	71.0	77.0	112.0	68.0	96.0	133.0
pH	Avg.	8.6	8.6	8.6	8.5	8.5	8.5	8.6	8.6	8.5	8.5
	Low	7.9	8.3	8.2	8.0	8.1	8.1	8.1	8.0	8.0	7.8
	High	9.5	8.8	9.1	8.9	8.9	8.8	9.1	9.2	8.9	8.9
	Range	1.6	0.5	0.9	0.9	0.8	0.7	1.0	1.2	0.9	1.1
HCO_3^-	Avg.	125.2	111.51	84.51	82.43	80.16	84.85	84.13	83.76	88.91	90.27
mg/l	Low	33.0	55.0	49.0	46.0	51.0	62.0	53.0	40.0	43.0	57.0
	High	160.0	142.0	107.0	114.0	111.0	111.0	109.0	115.0	122.0	114.0
	Range	127.0	87.0	58.0	68.0	60.0	49.0	56.0	75.0	79.0	57.0
$CO_3^=$	Avg.	4.6	.58	0.08	0.24	0.23	0.14	0.35	0.27	0.38	0.46
mg/l	Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	High	18.0	4.8	1.2	3.0	3.0	1.8	5.4	3.0	3.1	4.9
	Range	18.0	4.8	1.2	3.0	3.0	1.8	5.4	3.0	3.1	4.9

continued....

TABLE 4. - continued

		W3	KA2	OK2	OK5	OK8	OK11	SK2	SK5	OY2	OY5
Ca^{++}	Avg.	20.96	26.08	25.45	25.87	25.78	26.31	25.94	26.25	26.3	27.44
mg/l	Low	11.4	18.4	17.5	16.0	16.0	17.5	16.0	16.8	16.8	17.6
	High	31.0	37.6	35.2	35.2	37.6	35.8	42.5	37.6	41.6	40.9
	Range	19.6	19.2	17.7	19.2	21.6	18.3	26.5	20.8	24.8	23.3
Cl^-	Avg.	3.04	1.84	1.66	1.60	1.64	1.67	1.82	1.82	1.92	1.96
mg/l	Low	2.6	1.4	1.2	1.3	1.1	1.2	1.1	1.4	1.6	1.6
	High	3.4	2.7	2.4	1.9	2.1	2.4	3.0	2.3	2.3	2.4
	Range	0.8	1.3	1.2	0.6	1.0	1.2	1.9	0.9	0.7	0.8
Mg^{++}	Avg.	18.48	18.73	8.5	8.96	8.56	8.61	8.86	8.58	8.85	9.61
mg/l	Low	11.2	7.6	3.8	7.7	5.6	5.3	6.4	6.2	4.5	5.1
	High	21.4	27.8	10.2	10.1	9.7	11.8	12.8	11.1	12.9	14.8
	Range	10.2	20.2	6.4	2.4	4.1	6.5	6.4	4.9	8.4	9.7
$SiO_2^=$	Avg.	2.51	10.83	5.92	5.67	5.74	5.42	3.24	3.16	4.84	5.60
mg/l	Low	0.8	3.3	4.5	3.1	5.0	1.9	0.4	.4	.3	1.8
	High	4.3	17.9	7.7	6.4	7.0	6.6	4.7	4.7	6.8	10.6
	Range	3.5	14.6	3.2	3.3	2.0	4.7	4.3	4.3	6.5	8.8

continued...

TABLE 4. - continued

		W3	KA2	OK2	OK5	OK8	OK11	SK2	SK5	OY2	OY5
$SO_4^{=}$	Avg.	35.25	53.34	27.56	25.27	26.11	27.06	25.64	25.72	25.34	26.38
mg/l	Low	19.0	48.0	25.0	24.0	22.0	23.0	22.0	22.2	14.0	23.0
	High	59.0	72.0	38.0	27.0	38.0	35.0	30.0	29.0	37.0	29.0
	Range	40.0	24.0	13.0	3.0	16.0	12.0	8.0	7.2	23.0	6.0
NH_4^{+}-N	Avg.	0.06	0.03	0.04	0.04	0.04	0.03	0.05	0.05	0.04	0.05
mg/l	Low	0.04	0.01	0.00	0.02	0.00	0.02	0.02	0.02	0.02	0.02
	High	0.08	0.07	0.07	0.11	0.07	0.06	0.12	0.10	0.67	0.19
	Range	0.04	0.06	0.07	0.09	0.07	0.04	0.10	0.08	0.05	0.17
NO_3^{-}-N	Avg.	0.04	0.01	0.02	0.02	0.02	0.02	0.04	0.04	0.05	0.03
mg/l	Low	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01
	High	0.19	0.02	0.05	0.04	0.03	0.05	0.12	0.14	0.19	0.15
	Range	0.18	0.02	0.04	0.04	0.02	0.05	0.11	0.13	0.18	0.14
NH_4^{+}-N NO_3^{-}-N	Avg.	0.10	0.04	0.06	0.06	0.06	0.05	0.09	0.09	0.09	0.08

continued...

TABLE 4. - continued

		W3	KA2	OK2	OK5	OK8	OK11	SK2	SK5	OY2	OY5
Total $PO_4^{\equiv}$	Avg.	0.15	0.02	0.03	0.03	0.03	0.03	0.07	0.07	0.07	0.06
mg/l	Low	.03	.01	.01	.01	.00	.01	.02	.01	.02	.02
	High	.31	.05	.07	.08	.07	.09	.28	.14	.17	.17
	Range	0.28	0.04	0.06	0.07	0.07	0.08	0.26	0.13	0.15	0.15
Turbidity											
ft	MY-SP	11.6	25.6	18.8	25.3	24.0	24.2	15.2	14.6	12.6	13.5
	OC-DC	9.2	15.0	28.7	30.0	26.5	31.6	(13.5)	15.6	12.2	12.5
	JA-AP	12.0	39.6	21.0	56.6	39.0	31.5	20.2	18.7	19.0	13.6

A. Woods Lake

Woods Lake (Fig. 1), the second of 6 lakes in the Okanagan Valley chain, is just north of the town of Winfield, and is approximately 4 ml in area with a uniform depth of 24-34 m (80-111 ft) (Clemens, et al. 1939, B.C. Water Resources Service). Physical features are given in Table 3.

The present study was started 28 July 1969 (period U) when two transects were established, one at each end of the lake, and sampled until 8 September (X). One site at the south end of the lake (W3) was sampled throughout the winter until 20 April 1970 (period E). Due to the late starting date, the data give an incomplete picture of the lake. In comparing the data collected from Woods Lake with that of the other lakes, it appears that May through July are probably the most important months with regard to depletion and fluctuation in most of the parameters monitored.

See Appendix VIA for data and Table 4, Figs. 6A and 7 for summarized data.

At the start of sampling, 28 July, the lake was at maximum surface temperature (22.8C) and the thermocline was below 20 ft (Fig. 6A). Fig. 6A shows details of temperature throughout the year for station W3. It can be seen that the lake was mixed from November 1969 through March 1970. The turbidity readings were the shallowest for all lakes throughout the sampling period -- especially in fall and winter (no data for spring). There was very little fluctuation throughout the time studies (28 July 1969 - 20 April 1970, 8.5 to 15 ft).

Dissolved Oxygen was measurable at all times (4-12 mg/l). Woods Lake averaged more Volatile Solids, Cl^-, Mg^{++}, NH_4^+-N, NO_3^--N, $PO_4^{\equiv}$ than the other lakes studied. This indicates the amount of organic material in the lake is fairly constant and the eutrophic condition of the lake is long-standing and not of seasonal occurrence. The Mg^{++} was ca. 10 mg/l above that in other lakes, excluding Kalamalka Lake. The NH_4^{+}-N plus NO_3^{-}-N was double that in Kalamalka and Okanagan Lakes, but approximately equal to that in Skaha and Osoyoos Lakes. The average Ca^{++} was lower than other lakes and included the lowest recorded for the lakes (11.4 mg/l). The $HCO_3^{-}/CO_3^{=}$ fluctuated the most as did the pH. The largest fluctuation in $SO_4^{=}$ occurred in Woods Lake. Due to the sparse measurements it is not possible to explain the high amounts recorded in surface water in April 1970.

The total phytoplankton was high with bluegreen algae being the dominants in all samples (Fig. 7). Oscillatoria sp. was the dominant taxon (Fig. 7). In March and April there was a marked increase in phytoflagellates (?Crytomonas ovata[1], Fig. 4n, 7).

A comparison of data from 1935 (Clemens, et al. 1939; Table 5) with the present study indicates that the surface D.O. was higher in 1969, the turbidity was similar but the pH was generally higher in 1969. The algal floras appear similar with bluegreen algae dominating although in 1935, Aphanizomenon was the dominant taxon. The brief study in 1935 show Woods Lake was eutrophic at that time.

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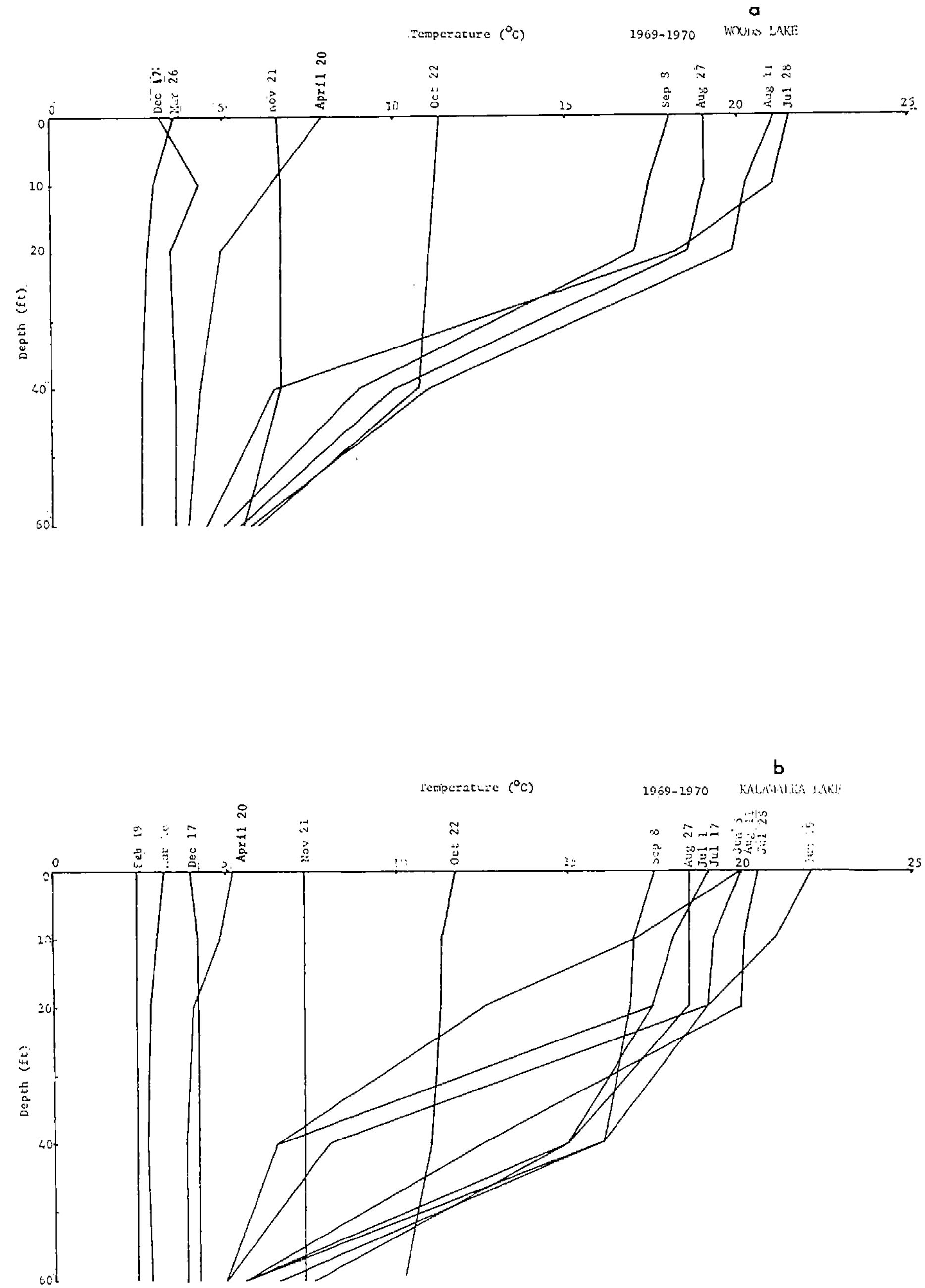
[1]The identification of this phytoflagellate is questionable. Although the name Crytomonas ovata is used for all bi-flagellate forms, there are probably two or more taxa (genera and/or species) involved.

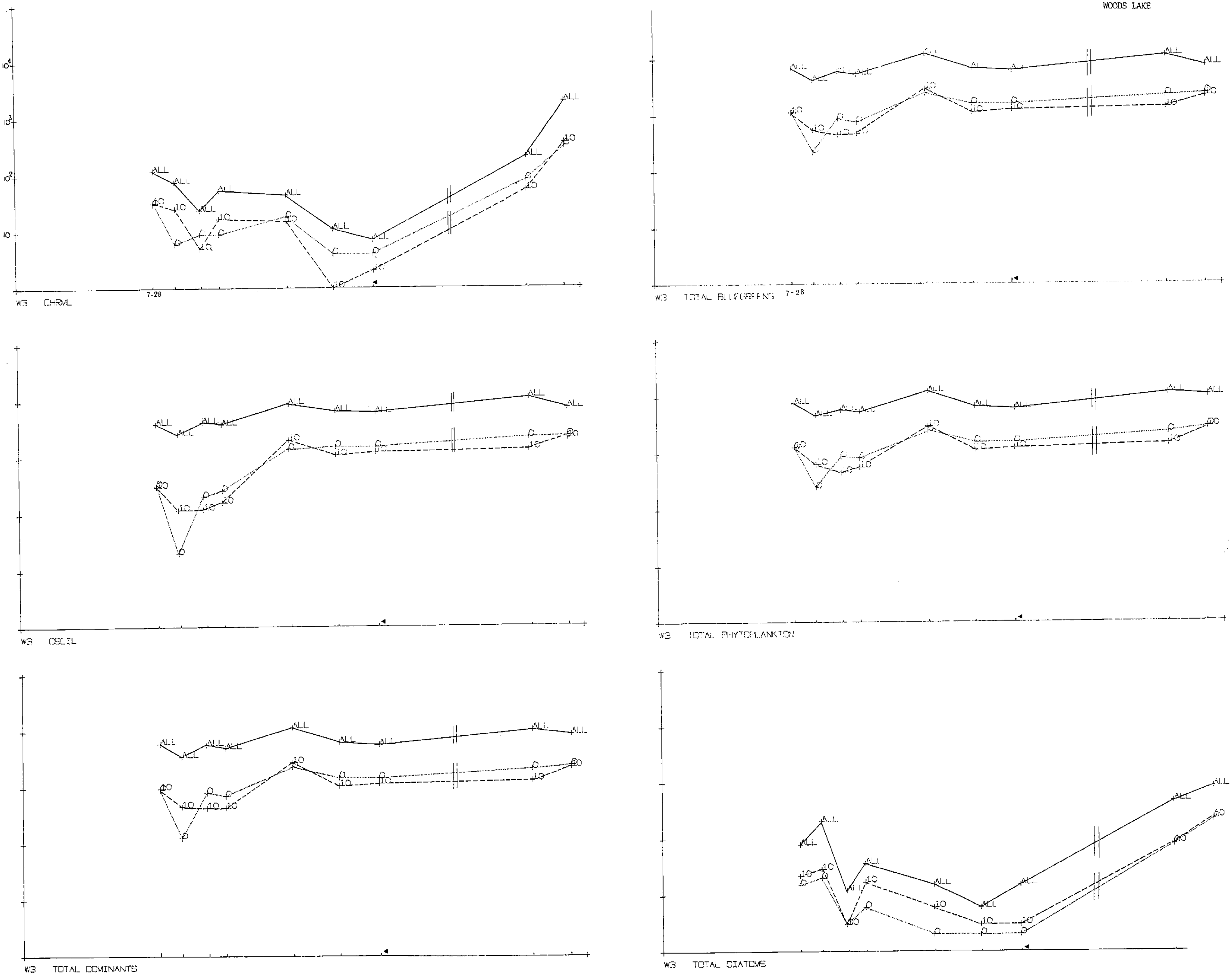
Fig 6



a
Temperature (°C)
1969-1970
WOODS LAKE
Dec 17
Mar 26
Nov 21
April 20
Oct 22
Sep 8
Aug 27
Aug 11
Jul 28
0
5
10
15
20
25
Depth (ft)
0
10
20
40
60
b
Temperature (°C)
1969-1970
Feb 19
Dec 17
April 20
Nov 21
Oct 22
Sep 8
Aug 27
Jul 1
Jul 17
0
20
25
Depth (ft)
20
40
60

Fig 1

WOODS LAKE



B. Kalamalka Lake

Water from Woods Lake flows through a very short (300 ft) canal north to Kalamalka which is the largest and deepest of the 3 lakes in the valley east of Okanagan Lake (Table 3; Fig. 1). Whether there is much flow from Woods to Kalamalka has been questioned (Vancouver Sun, 31 July 1971, p. 29). In contrast to Woods Lake, Kalamalka is much deeper with depths exceeding 50 m for most of its length (Clemens, et al. 1939, B.C. Water Resources Service). Oyama Creek from Oyama Lake to the east flows into Kalamalka Lake at the extreme south end.

A single transect south of a central point was sampled from 5 June to 8 September. The central point (Fig. 1) of the transect, KA2, was continued from September through April 1970.

See Appendix VIB for data and Table 4, Figs. 6B and 8 for summarized data.

A relatively high thermocline between 10-20 ft was recorded 5 June (Fig. 6B). However by 19 June the highest temperature of the season 22C (0 ft) was recorded and the thermocline was below 20 ft. This remained so through 1 July (0 ft, 19C). The summer thermocline fell to below 40 ft on 14 July and remained there through 8 September, except for 28 July when it appears higher (Fig. 6B). By October the lake was mixing well and the November readings indicate uniform temperature (7.3C). The lowest temperature recorded was 19 February with 2.4C throughout, although ice conditions in January prevented any sampling. Secchi Disc readings showed that in summer (June - September) Kalamalka Lake had the clearest waters (to 25.6 ft). However, autumn readings indicate a great deal of material in suspension which is reflected somewhat in Total Residue measurements.

The Dissolved Oxygen is similar to that of the other lakes, however, the lowest was always higher than that recorded elsewhere (ca. 8.4 mg/l). Also, there was less flucutation in D.O. levels (ca. 5 mg/l). The Total Residue and Electrical Conductivity were the highest in any lake as were the ions Mg^{++}, $SiO_2^{=}$ and $SO_4^{=}$. The Volatile Solids were also high but not as high as in Woods Lake. The comparatively large amount of ions as well as high T.R. explains the high conductivity readings. Also, the presence of these ions and other materials in suspension may be an explanation for the striking colour of the lake.

The fluctuation of Mg^{++} (7.6 - 27.8 mg/l) was the largest of any lake and was twice the average of Woods (18 mg/l). The lowest measured Mg^{++} in Kalamalka was at 0 ft on 14 July (thermocline below 40 ft), whereas the highest was 19 June (20 ft) when uniformly high readings were recorded throughout the station (thermocline between 10-20 ft). Possibly this is correlated with runoff from surrounding areas. In general, Mg^{++} was evenly distributed throughout the transect, except mid-July to mid-August.

The highest amount of $SO_4^{=}$ as well as highest average occurred in Kalamalka Lake. However, in contrast to Mg^{++} which was high 19 June, $SO_4^{=}$ was low; and, the high $SO_4^{=}$ was 14 July when Mg^{++} was low (0 ft).

The amount of $SiO_2^{=}$ was highest in Kalamalka Lake. It was lowest 14 July when $SO_4^{=}$ was high. This low occurred at 20 ft (above the thermocline); however, it is also above the major concentration of diatoms (see Fig. 8). The highest recorded $SiO_2^{=}$ was 60 ft (below the thermocline) on 28 July, but there was not a large concentration of diatoms. $SiO_2^{=}$ averaged almost 2 times that in other lakes, as did the range (3.3 to 17.9 mg/l).

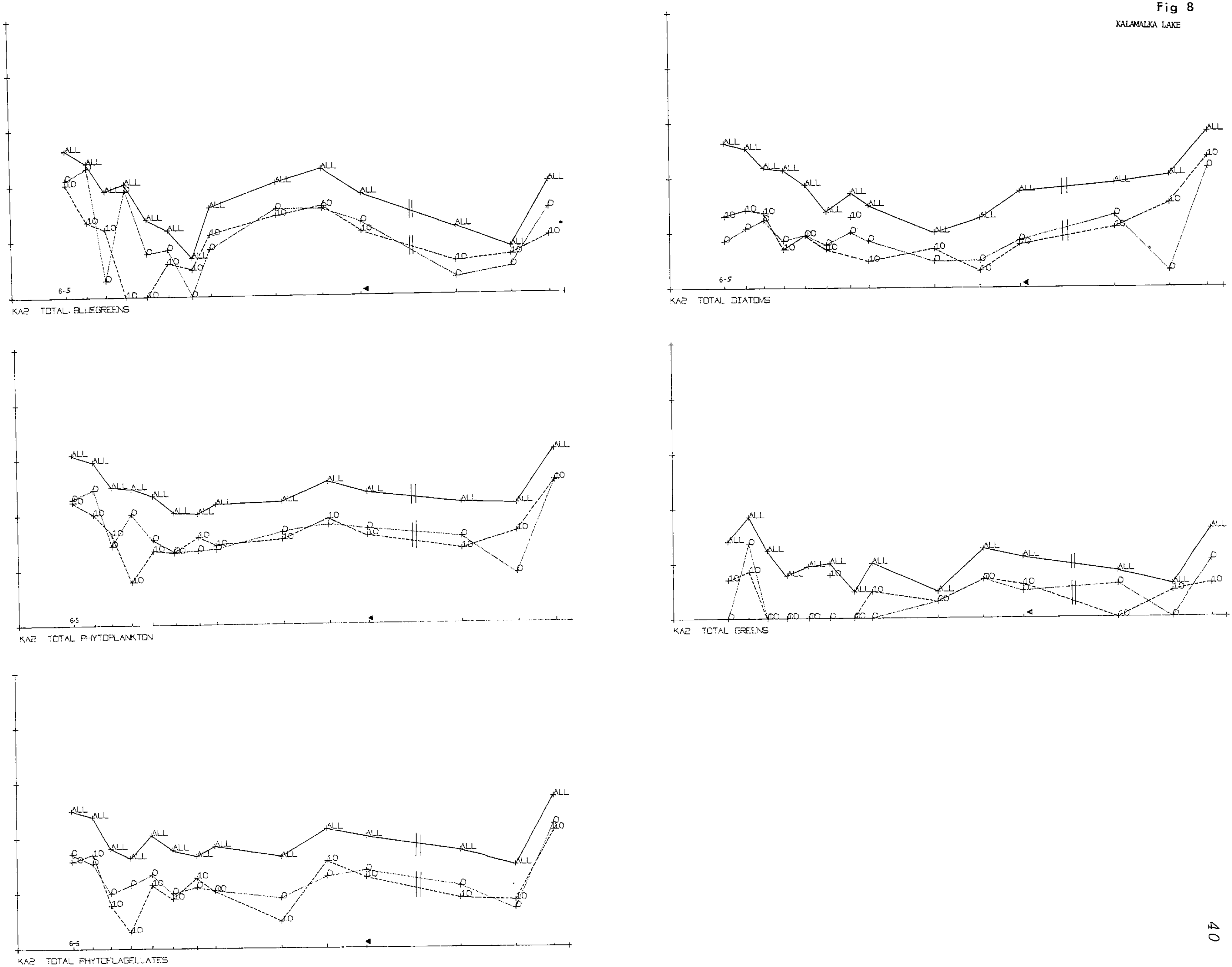
The NH_4^+-N plus NO_3^--N was lower than the other lakes studied (ca. .04 mg/l). In fact, it was less than half that of Woods, Skaha, and Osoyoos Lakes. The NH_4^+-N was similar to that in Okanagan Lake and was highest at the surface in October. NO_3^--N was never present in large amounts and fluctuated relatively little (0.01-0.05 mg/l) with the least fluctuation. As with N, the $PO_4^{\equiv}$ was far less (ca. 0.02 mg/l), (one-third or less) that of Woods Skaha, and Osoyoos Lakes.

Large numbers of phytoplankton were never present (Fig. 8). The green algae were not important but the phytoflagellates made up 25-50% of the total population (Fig. 8). In June, bluegreen algae (Anabaena flos-aquae, Lyngbya limnetica) and diatoms (Asterionella formosa, Fragilaria crotonensis) were present in ca. equal numbers (Fig. 8). In summer there were less algae -- mostly mixed diatoms and phytoflagellates (?Cryptomonas ovata, Chromulina spp., unknown chrysophyte). In the fall (October, November, December) bluegreen algae and phytoflagellates were dominant. In the winter there was a decrease in bluegreen algae with diatoms increasing slightly (Melosira italica, Synedra acus) which continued until April when phytoflagellates also increased (Dinobryon sertularia, ?Cryptomonas ovata).

Clemens, et al. (1939) reports Aphanizomenon flos-aquae, Ceratium hirundinella, Dinobryon divergens as being present in surface samples in 1935. Aphanizomenon and Ceratium were present in this study (Appendix V, VIB) but often not in numbers large enough to be recorded. The pH, temperature and D.O. as measured in August 1969 were higher than those in 1935 (Clemens, et al. 1939; Table 5).

Fig 8

KALAMALKA LAKE



C. Okanagan Lake

Okanagan Lake is the main remnant of Lake Penticton resulting from the melting Pleistocene Okanagan ice lobe. This is the largest, deepest and longest lake of the series (see Table 3). At the northeastern end, the city of Vernon empties primary and secondary treated, chlorinated domestic sewage effluent into the lake via Vernon Creek (Fig. 1). [In July 1971, the amount entering was reduced by one-fifth with diversion of some effluent for irrigation (Vancouver Sun, 12 July 1971)]. Just south of Kelowna, chlorinated sewage is discharged into the lake at a depth of 40 m (Saether 1970). In addition to these major inputs, smaller amounts enter through: Deep Creek at the most northeastern end of the lake from a sewage lagoon near Armstrong; Brants Creek (Kelowna) with cannery and winery waste(this unofficially named ditch is off Glenmore Drive and the CN tracks); at Westbank (across from Kelowna) from a small sewage lagoon; at Okanagan Mission (south of Kelowna) through ground dispersal system; and at Summerland (southwest of Kelowna) (Saether 1970).

Four transects were established (Fig. 1,Appendix 1) starting 3-4 June. The lack of data for May may be significant as some parameters were at an extreme value by the first sampling period (3-4 June; 17 June at OK10-12). From October 1969 to April 1970, the central point of each transect was sampled. Data are in Appendix V1C and summarized in Table 4 and Figs. 6C and 9-12. The data are discussed for the lake as a whole, although the stations are often considered separately as correlations in numbers and concentrations are not apparent. In many instances there is a definite north vs south (OK2, 5 vs OK8, 11) relation; or a relation between OK5 and OK11, both of which are south of inlet areas and have a large sweep of water to the north (water flow is north to south).

On 3-4 June the thermocline (Fig. 6C) was below 10 ft at OK2, 5, and below 40 ft at OK8 (no measurements for OK11 at the south). In early July the thermocline fluctuated but by the end of the month it was below 40 ft at all stations. Fairly uniform temperatures were recorded by 22 October at OK2 (11-12 C) indicating mixing at this point; however, not until November did uniformity occur at other stations. The lowest temperatures (2.8-3.5C) were recorded in February, although ice conditions in January prevented sampling.

From June to September, the Secchi Disc could be seen as deeply as 24 ft (except OK2 at the north end). From October to December there was less turbidity with the Disc being visible even lower. This level continued to fall from February to April, again, except for OK2. The high turbidity at this northern point may result from run-off during winter and spring. The deepest reading of 66 ft was recorded at OK5 (north of Kelowna) on 26 March.

Dissolved Oxygen throughout the lake averaged the same (ca., 6.0 mg/l). The lowest recorded values (4.2-5.6 mg/l) were on 17 July at OK12 (southeast). By February, when the temperature was below 4 C, the highest D.O. in Okanagan Lake at this time as 13.7 mg/l at 60 ft (OK11). This is above the saturation level for the temperature and altitude. No explanation is offered at the high D.O. values recorded, unless the instrument was not calibrated before measurements were taken. The high D.O. values recorded in April (OK11, 14.0 mg/l at 20 ft) are probably the result of phytoplankton activity as again the saturation level was above 100% for the temperature and altitude. The fluctuation in D.O. in Okanagan Lake was between that of Kalamalka (low) and Woods and Skaha Lakes (medium).

Electrical conductivity was lower than Woods or Kalamalka Lakes, with values intermediate between those of the two respective lakes and Skaha Lake. Probably there is some settling of material in Okanagan Lake considering its size, depth and replenishment (turnover) rate of 57.6 yr (Table 3). There appears to be no pattern with regard to the time of high and low values at the 4 transect points. The summarized data indicates less fluctuation in E.C. just north of Kelowna (OK5). OK8 (south-central) recorded the greatest fluctuation in E.C., with the highest values (ca. 240 mg/l) at OK8, 9, in July. OK5 and OK8 were the only stations studied throughout the year that did not have the highest E.C. values in April 1970. An explanation may be that there is an increase in materials entering the lake near Kelowna (e.g., Kelowna, Mission, and Bellevue Creeks) due to seasonal industrial activity (such as cannery, etc.).

The Total Residue fluctuates less than that of Woods, Kalamalka, and Osyoos Lakes with the average two-thirds that of these lakes. In general, the T.R. was low mid-June through mid-August followed by an increase in the fall with high values through winter and early spring. The Volatile Solids showed no clear pattern, except OK5 (north-central) had the lowest average and single reading of any station studies throughout the year.

The pH ranged from 8.0 to 9.1. The HCO_3^- *was lower than that in Woods and Kalamalka Lakes, but* $CO_3^{=}$ *generally not detectable. The* Ca^{++} *was fairly uniform and similar to that in Kalamalka, Skaha and Osoyoos Lakes.* Cl^- *was also uniform within Okanagan Lake and below that of the lakes to the south (Skaha, Osoyoos). Except for OK5, the low* Cl^- *values were recorded 17-18 June and the high values 3-4 June.*

The average Mg^{++} was similar to Skaha and Osoyoos Lakes, with the highs in Okanagan Lake (ca. 10 mg/l). The least fluctuation in all the lakes occurred at OK5 which was well below that of other stations. An explanation is that this station (see Fig. 1) is probably least affected by inflow waters or by long expanses of open lake (as in OK11).

$SiO_2^{=}$ average and highs were similar throughout the lake. The lowest value, 1.9 mg/l (OK11, 10 ft), occurred 26 March which does not correlate with any fluctuations in diatom numbers (Fig. 12). The least fluctuation in $SiO_2^{=}$ values in any lake was at OK8.

The average (25-27 mg/l) $SO_4^{=}$ present was similar to Skaha and Osoyoos Lakes but the fluctuation varied from a low of 3.0 mg/l (OK5, north of Kelowna) to 16.0 mg/l (OK8, south of Kelowna). The high amounts were recorded 17-18 July (except OK5)

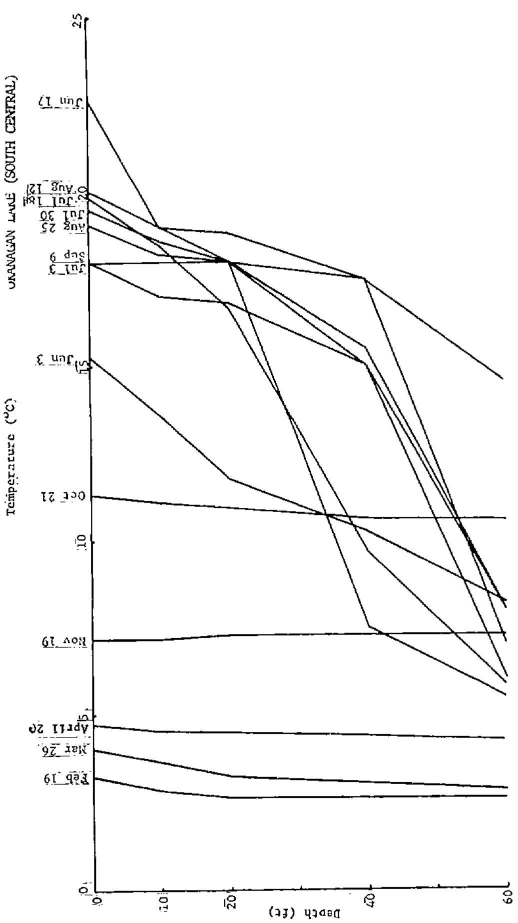
NH_4^{+}-N plus NO_3^{-}-N were higher than that of Kalamalka Lake but half that of Woods, Skaha and Osoyoos Lakes. The NH_4^{+}-N ranged from 0.00-0.07 mg/l except for OK5 with a high of 0.11 mg/l at the surface on 26 March. The NO_3^{-}-N was uniform and was one-third to one-half that of Woods, Skaha and Osoyoos Lakes, but more than Kalamalka Lake. The low of 0.00 mg/l was recorded many times.

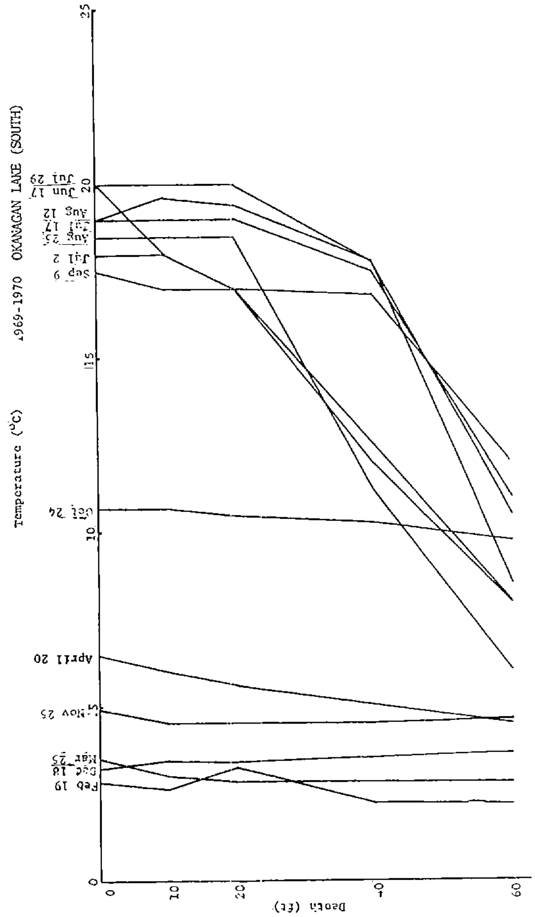
The $PO_4^{\equiv}$ was half that of Osoyoos and Skaha Lakes and one-fifth that of Woods Lake. The fluctuation was moderate (0.06-0.08 mg/l) with the low (0.01 mg/l) recorded several times. The high values (0.07-0.09 mg/l) were recorded in June (except OK11 in March).

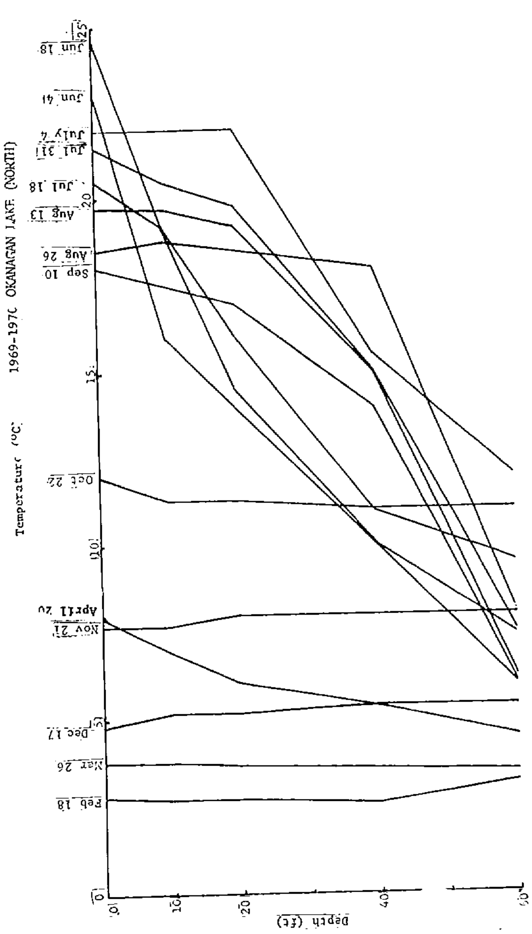
The phytoplankton distribution (Figs. 9-12) was constant except for a lag in bluegreen algal dominance in summer at the south-central and south stations (OK8, 11). On 3-4 June, the diatoms Fragilaria crotonensis and

Asterionella formosa were dominant. By 17-18 June the bluegreens, *Anabaena flos-aquae* and *Lygnbya limentica* were dominant at the north end (OK2, 5). At OK8, 11 the diatom numbers diminished but persisted and not until after 2 July did the numbers fall at the south end (OK11). From mid-July through September the bluegreen algae dominated throughout the lake. *Aphanothece nidulans* dominated many times and in addition other bluegreens present were *Aph. microscopica*, *Anabaena flos-aquae*, *An. circinalis*, *An. spiroides* (OK8), *Lyngbya limnetica*, *Chroococcus dispersus* and *Coelosphaerium naegelianum* at OK11. The diatom *Melsoira italica* was also present in appreciable numbers. The south transect (OK10-12) had the most diversity of any transect.

In October the bluegreen algae (mainly *Aph. microscopica*) declined and the diatoms increased (*Asterionella formosa*, *Melosira italica*). The winter phytoplankton was low with diatoms and phytoflagellates present. In April the diatom *A. formosa* and the phytoflagellate *?Crytomonas ovata* were predominant. In addition, *Fragilaria crotonensis* (diatom) was present at OK8 11 with the green alga *Ankistrodesmus falcatus* at OK11 in large numbers.


C
OKANAGAN LAKE (SOUTH CENTRAL)
Temperature (°C)
Depth (ft)
Jun 17
Aug 12
Jul 18
Jul 30
Aug 25
Sep 9
Jul 3
Jun 3
Oct 21
Nov 19
April 20
Mar 26
Feb 19


C
1969-1970 OKANAGAN LAKE (SOUTH)
Temperature (°C)
Depth (ft)
Jul 29
Jun 17
Aug 12
Jul 17
Aug 25
Jul 2
Sep 9
Oct 24
April 20
Nov 25
Mar 25
Dec 18
Feb 19


C
1969-1970 OKANAGAN LAKE (NORTH)
Temperature (°C)
Depth (ft)
Jun 18
Jun 4
July 4
Jul 31
Jul 18
Aug 13
Aug 26
Sep 10
Oct 22
April 20
Nov 21
Dec 17
Mar 26
Feb 18

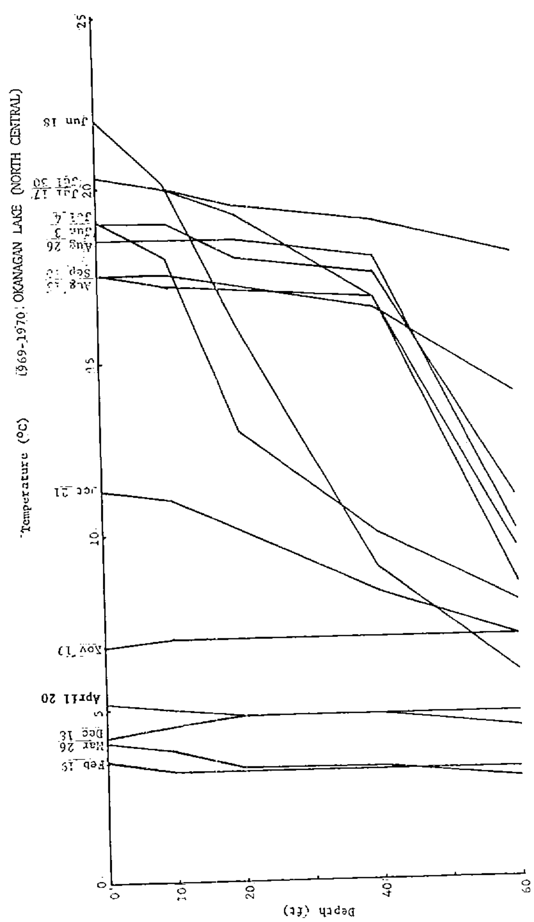
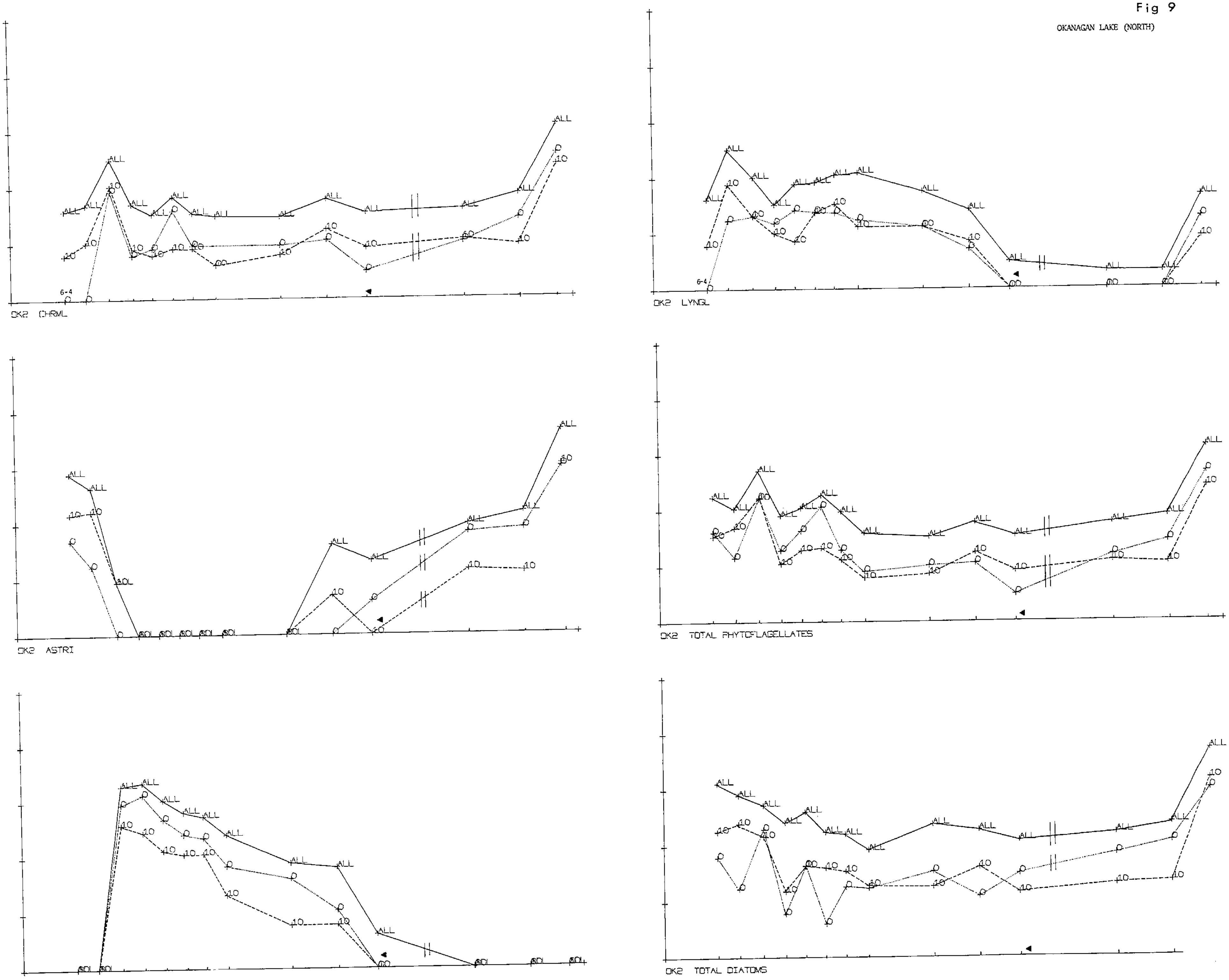
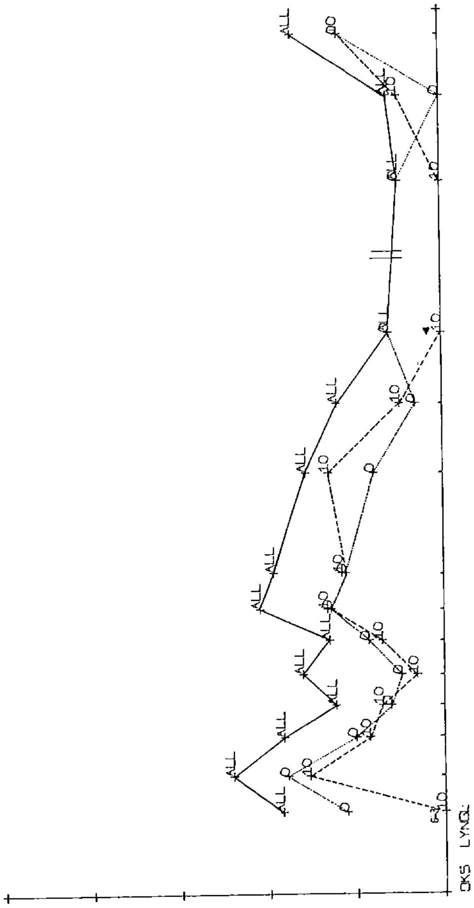
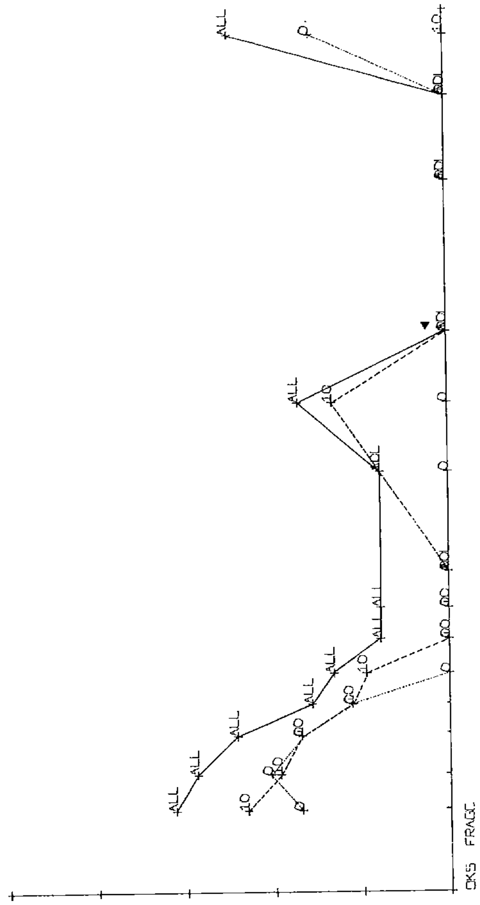

C
1969-1970 OKANAGAN LAKE (NORTH CENTRAL)
Temperature (°C)
Depth (ft)
Jun 18
Jul 17
Jul 30
Jul 4
Jun 3
Aug 26
Oct 21
Nov 17
April 20
Dec 18
Mar 26
Feb 19

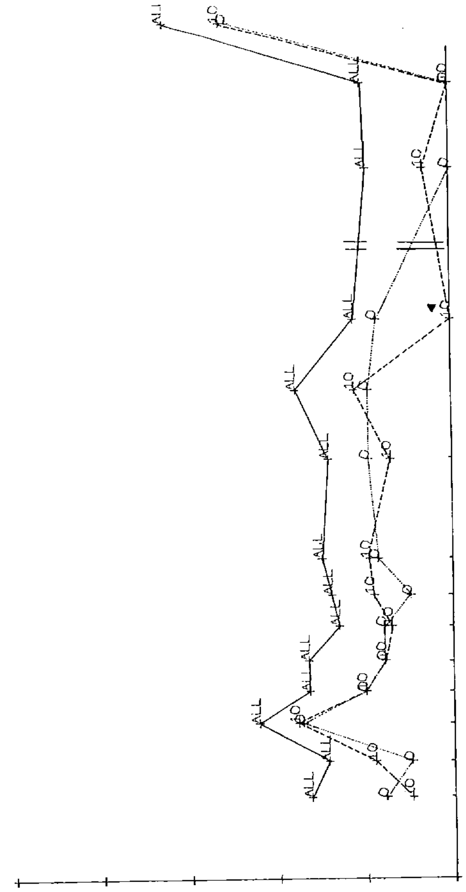
Fig 9

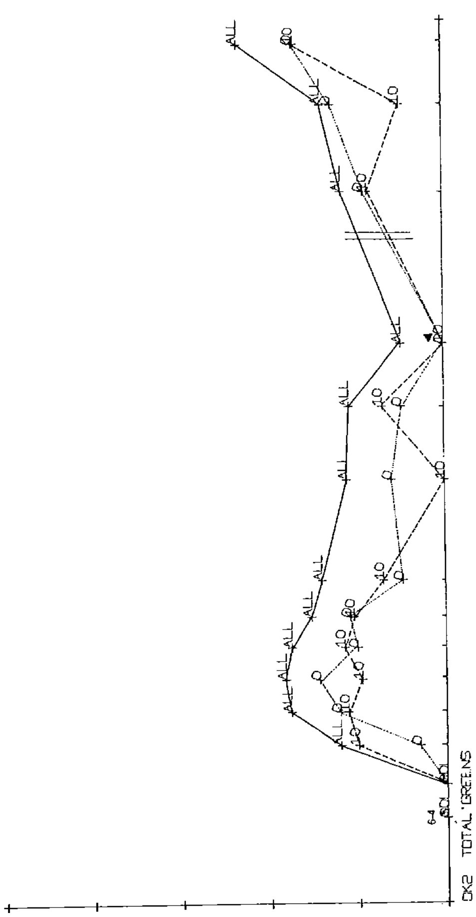
OKANAGAN LAKE (NORTH)

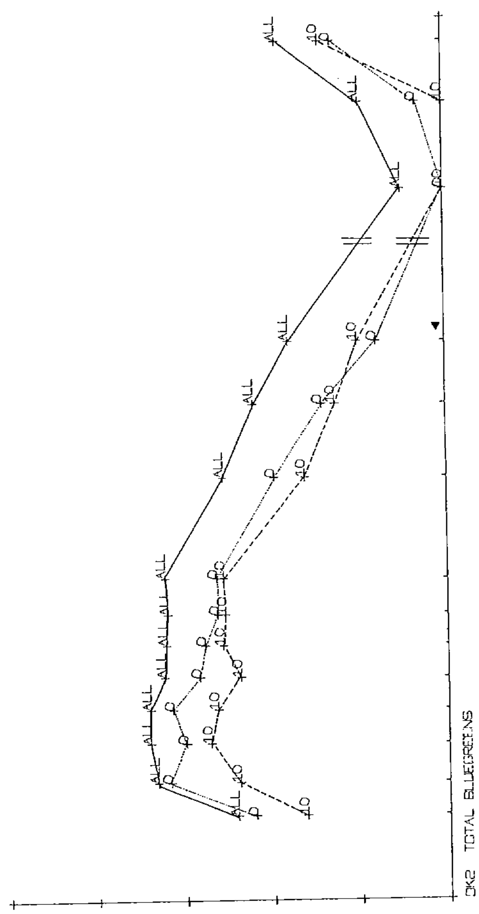


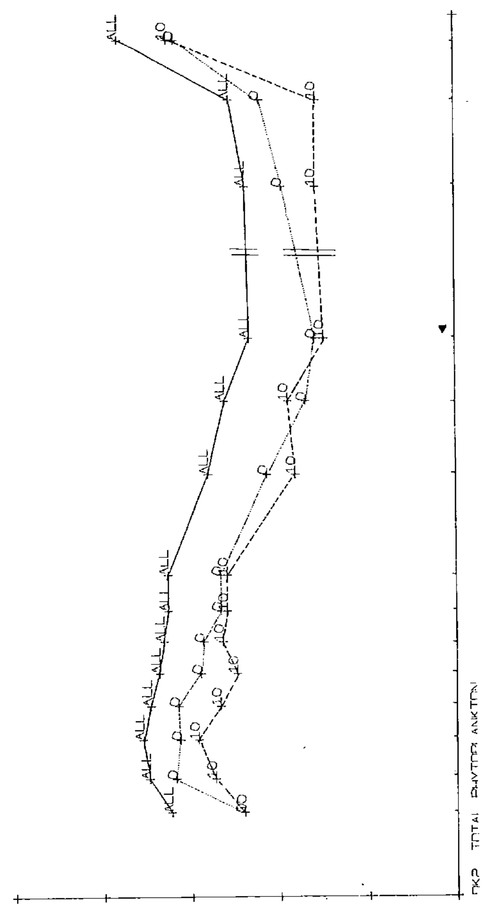

DK5 LYNGL


DK5 FRAGL

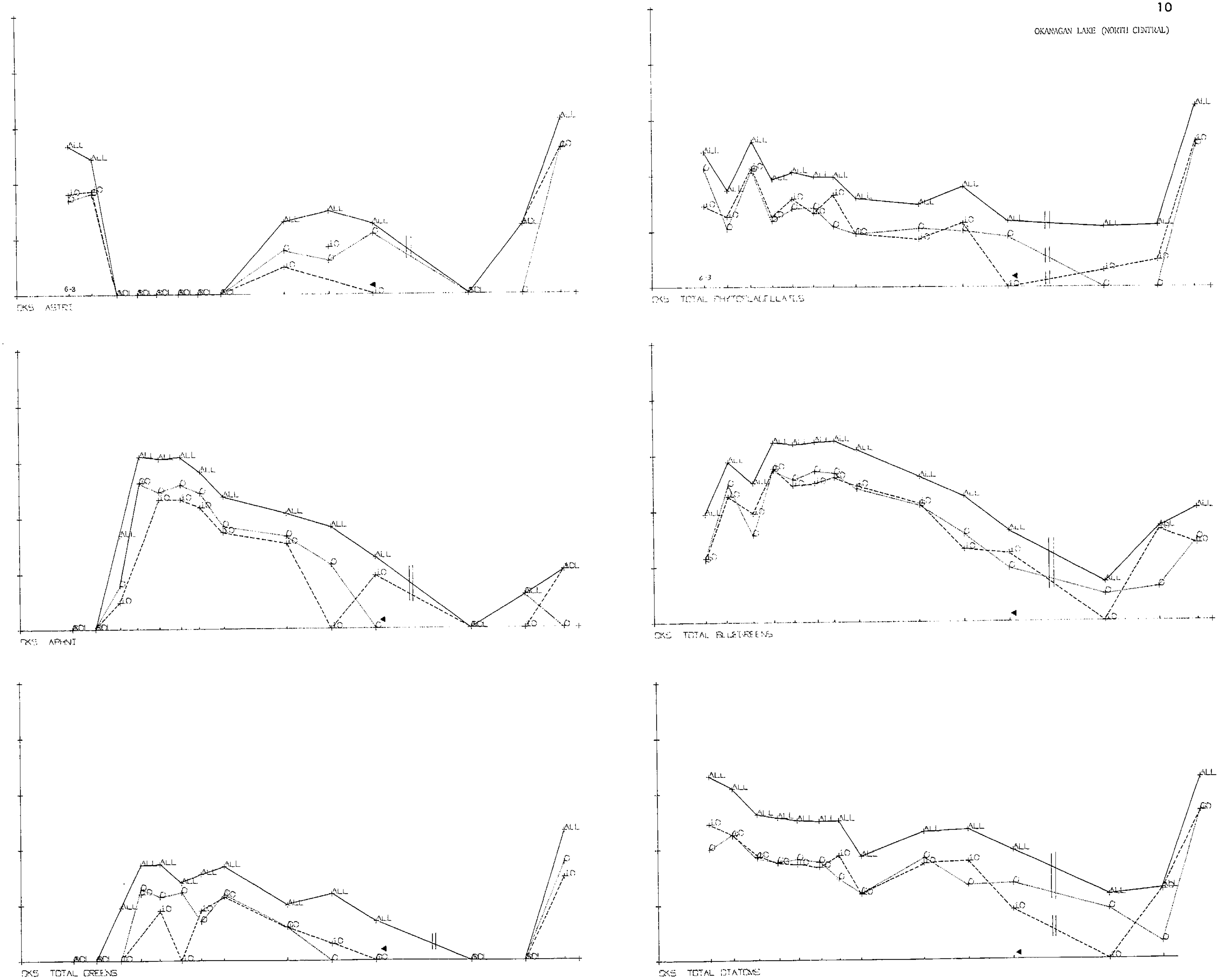

DK5 CHRML


DK2 TOTAL GREENS


DK2 TOTAL BLUEGREENS


DK2 TOTAL PHYTOPLANKTON

OKANAGAN LAKE (NORTH CENTRAL)



10

OKANAGAN LAKE (NORTH CENTRAL)

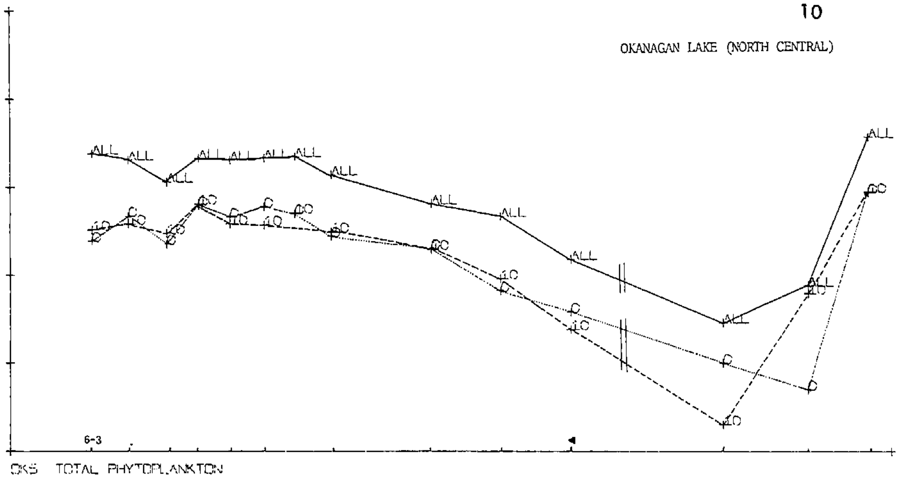
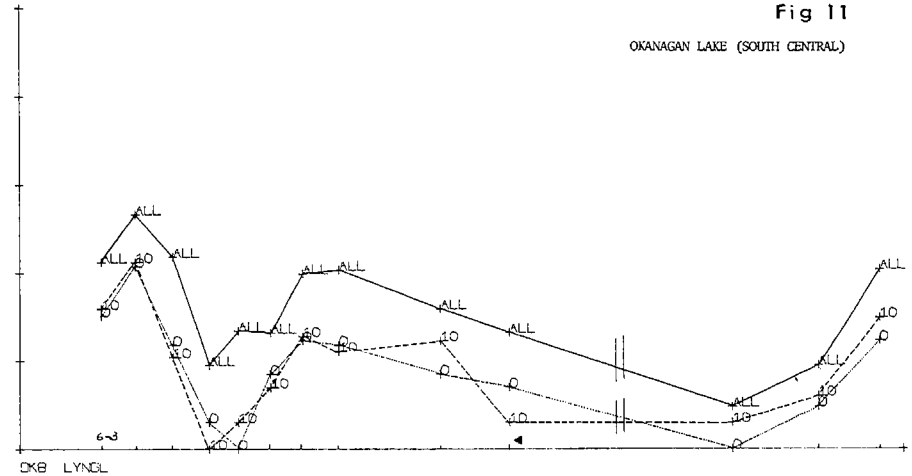
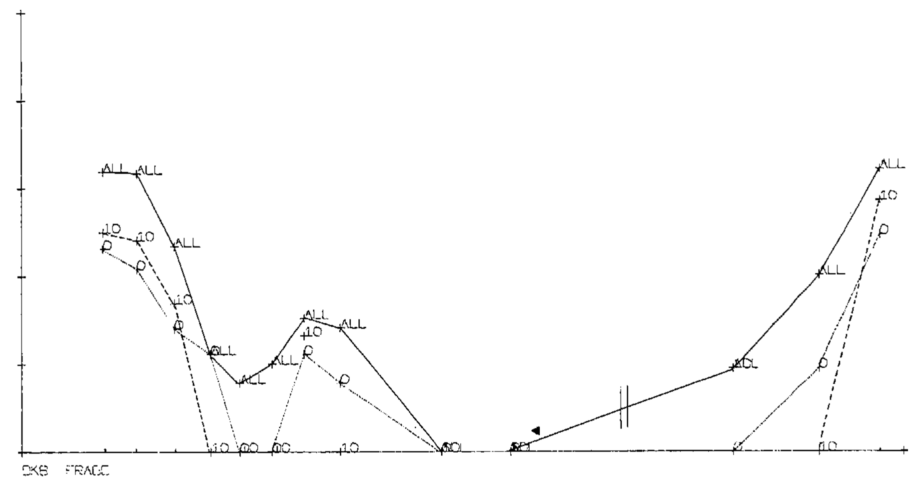
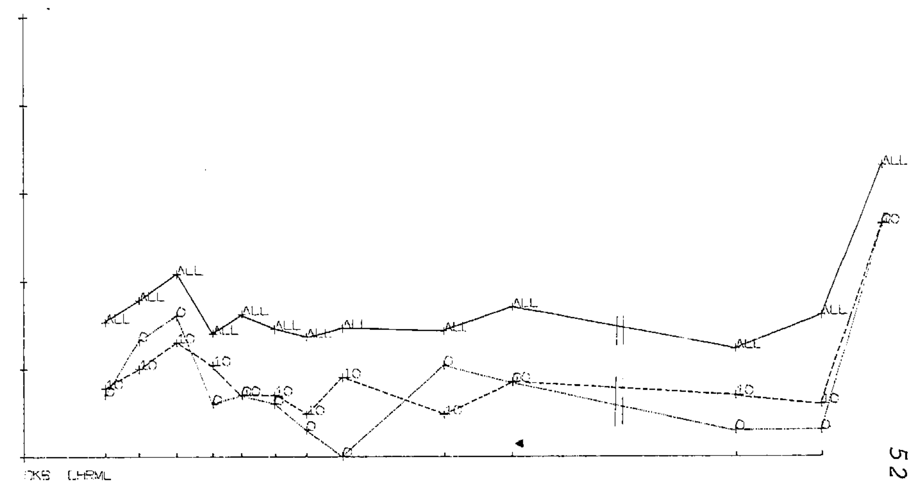


Fig 11

OKANAGAN LAKE (SOUTH CENTRAL)







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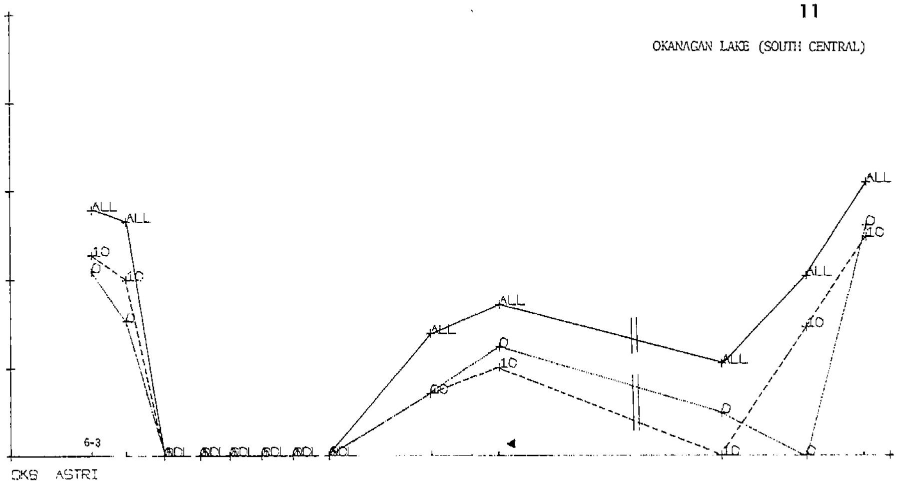

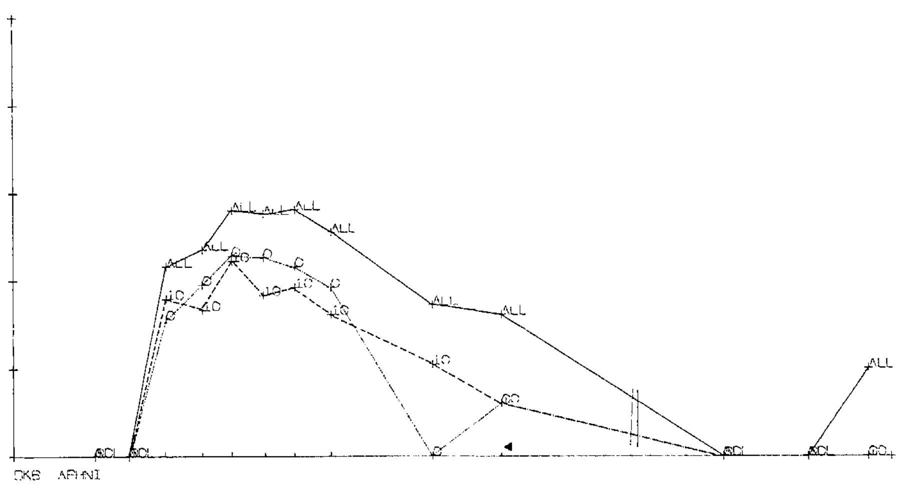

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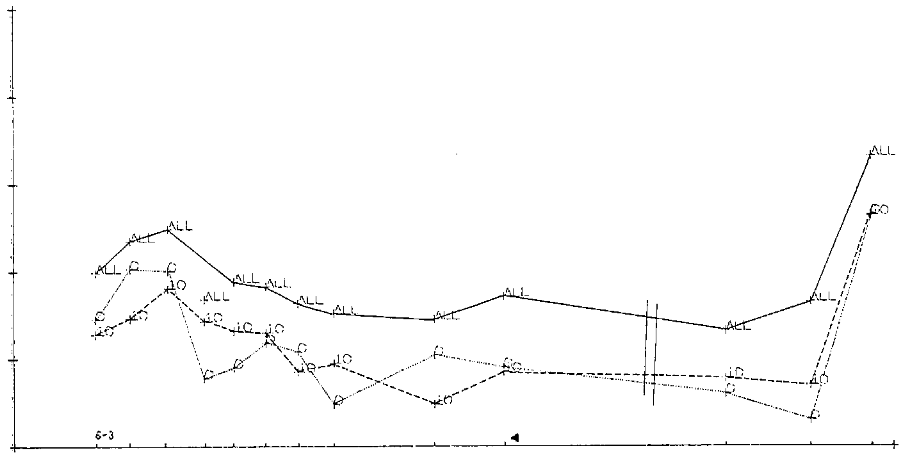
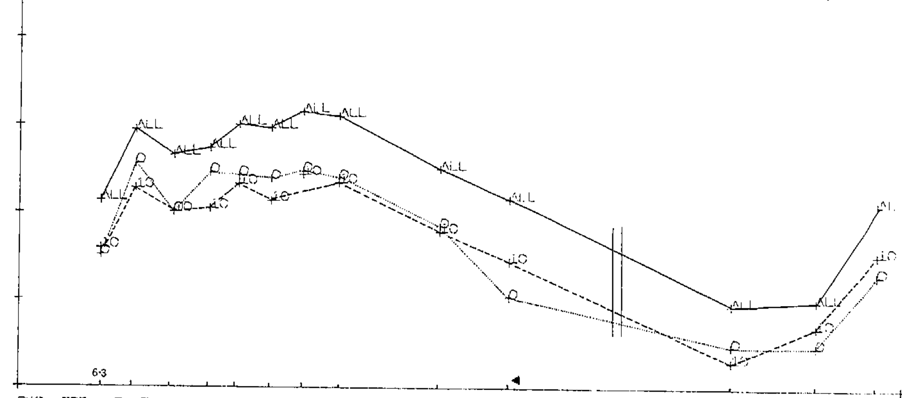
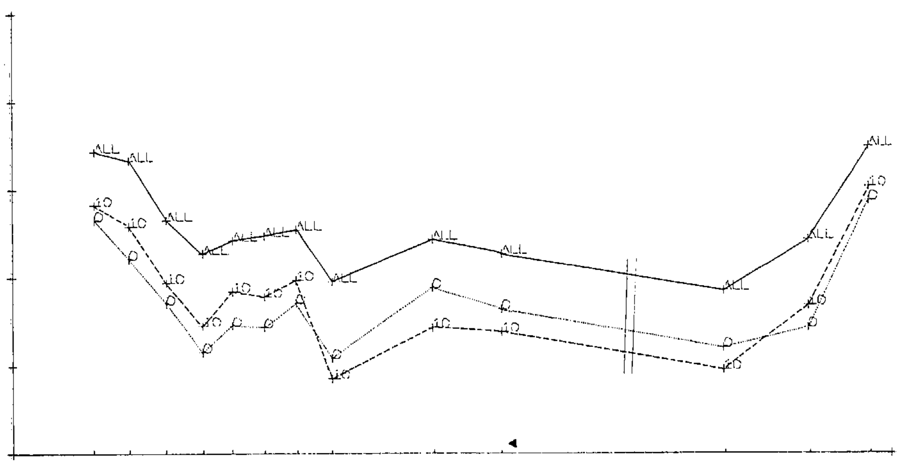


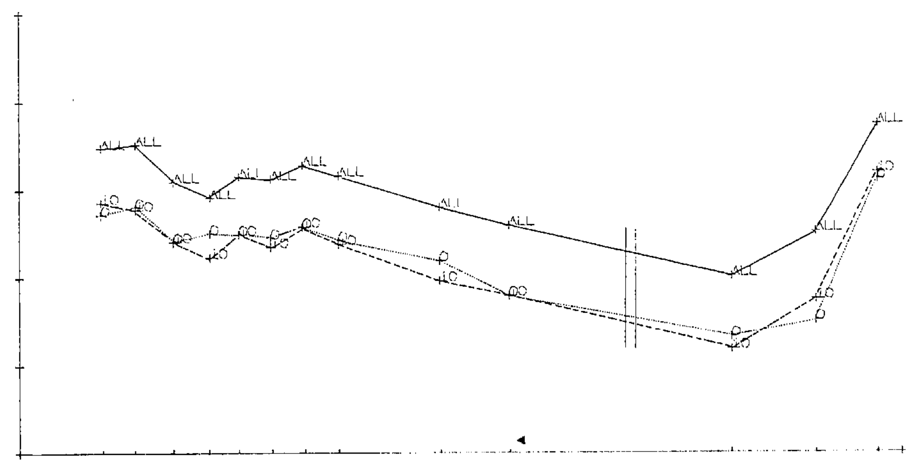
OKS TOTAL PHYTOFLAGELLATES



OKS TOTAL BLUEGREENS



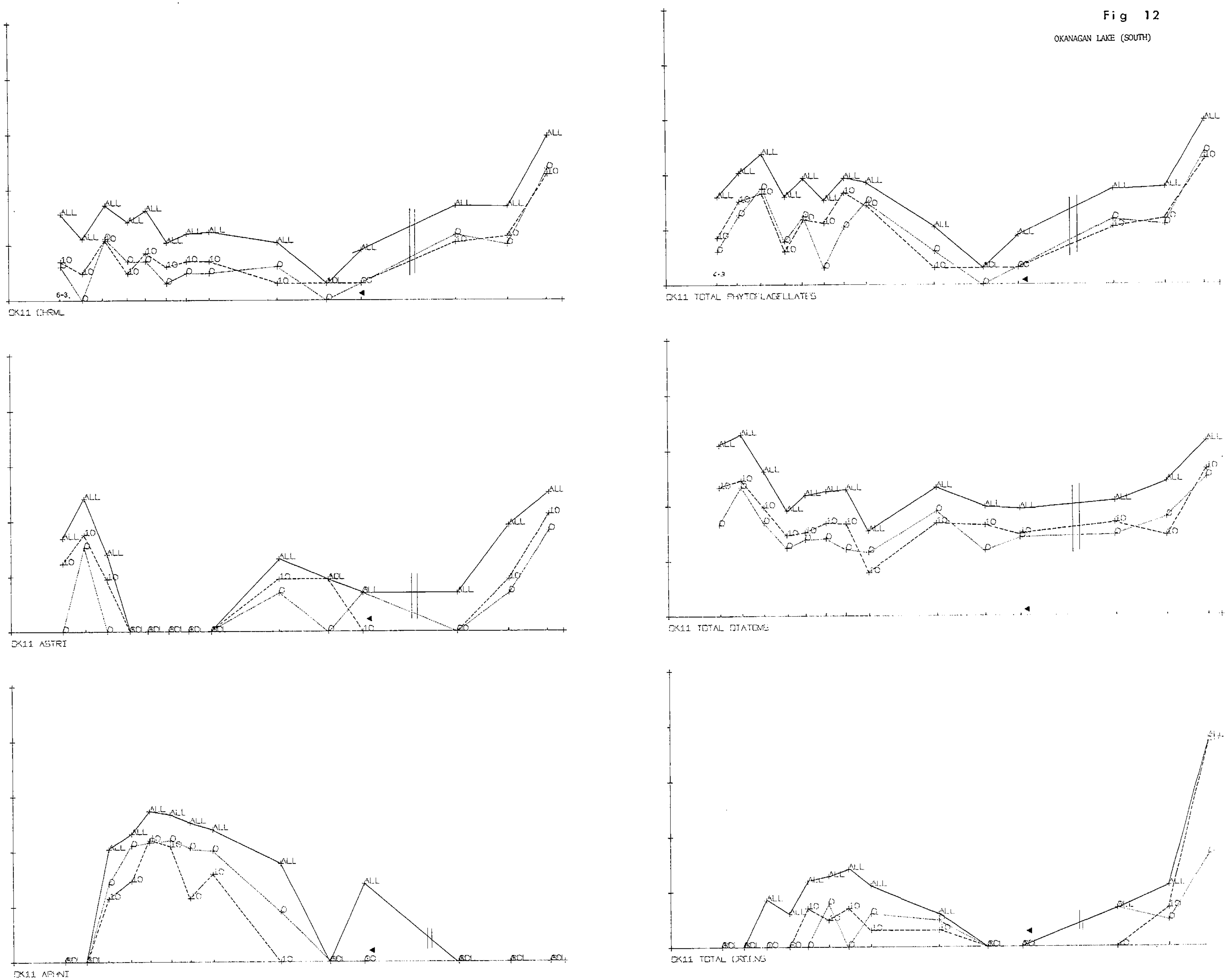
OKS TOTAL DIATOMS



OKS TOTAL PHYTOPLANKTON

Fig 12

OKANAGAN LAKE (SOUTH)



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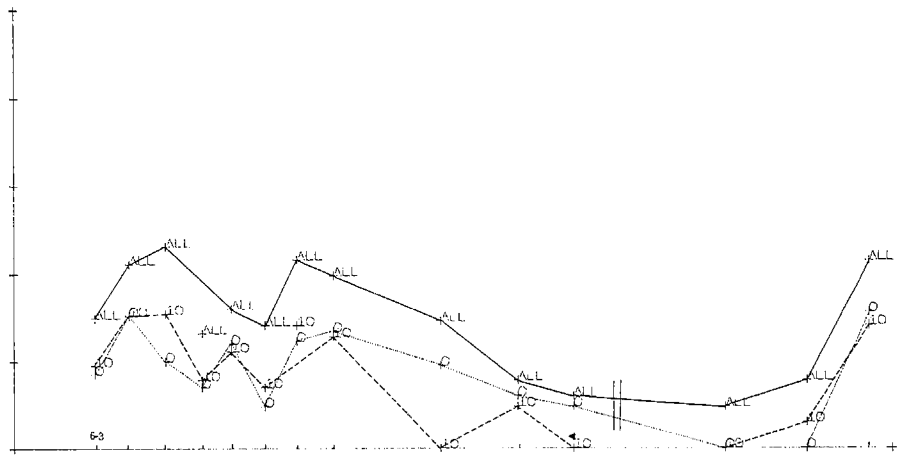
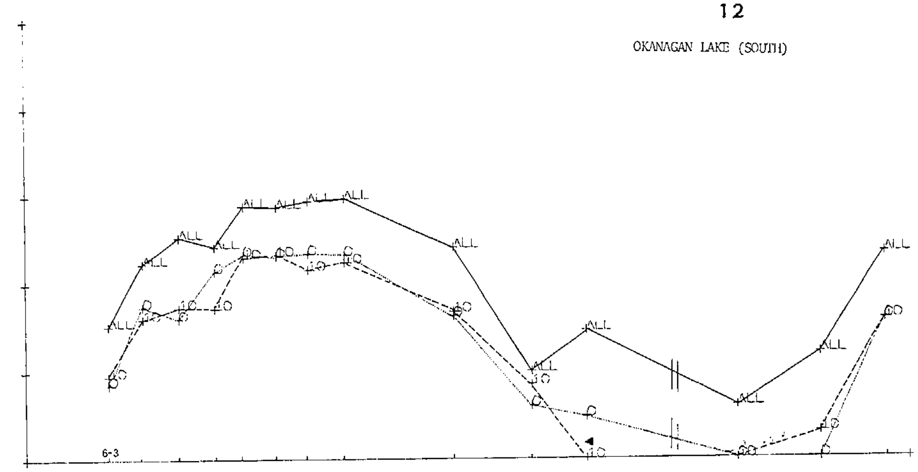
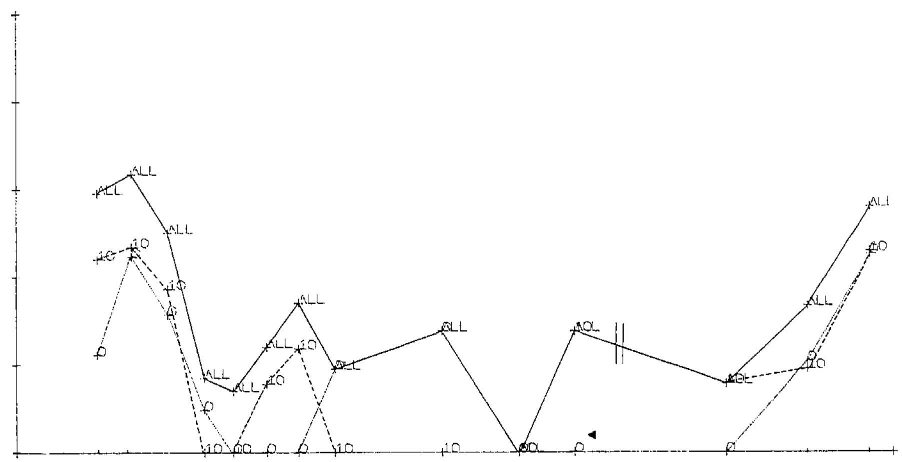
OKANAGAN LAKE (SOUTH)



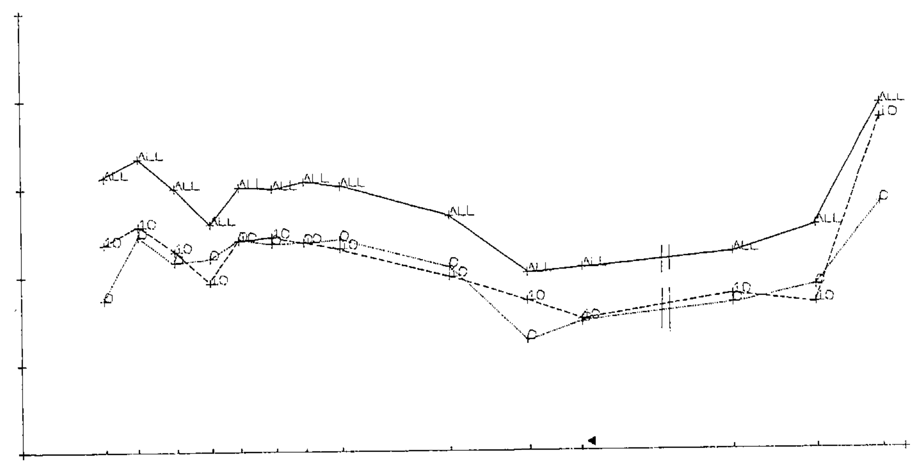
CK11 LYNGL



CK11 TOTAL BLUEGREENS



CK11 FRAGL



CK11 TOTAL PHYTOPLANKTON

D. Skaha Lake

Skaha Lake to the south of Penticton receives water from Okanagan Lake via 4 ml of the Okanagan River. In contrast to Okanagan and Kalamalka Lakes, Skaha is relatively shallow -- but not as shallow or as small as Woods Lake (Table 3). The city of Penticton discharges primary- and secondary-treated, chlorinated sewage effluent into the Okanagan River at a point 2 ml north of the lake (Fig. 1) (Saether 1970). In addition, untreated cannery waste is discharged into the river. As of June 1971 the cannery waste and the sewage effluent were treated further before discharge into the river and lake (Vancouver Sun, 28 June 1971).

The data are in Appendix VID and summarized in Table 4, Figs. 6D, 13 and 14.

The thermocline was generally below 20 ft except in early May when it was higher due to instability (Fig. 6D). By November mixing was complete as evidenced by uniform temperatures of ca. 7C. During the winter the water temperature remained uniform and an ice cover was present for part of the time.

Secchi Disc readings were not as deep as those in Okanagan or Kalamalka Lakes in summer. The average variation from May 1969 to April 1970 was 4-5 ft. Slightly higher average values were recorded at SK2 (north) and in the winter sampling.

The Dissolved Oxygen averaged over 9 mg/l with a low of 5 mg/l, 4 September at 60 ft at the north end (SK3). The highs (ca. 14-15 mg/l) were recorded on 17 February at 60 ft when the temperatures were lowest (ca. 1C). At SK5 this was the highest recorded D.O. (15.4 mg/l) in the lakes studied. These levels of supersaturation are again (as in Okanagan Lake) unexplained.

The Electrical Conductivity was low when compared *with that of the other lakes with the lowest (90 µmhos) at both stations. The high E.C. for Skaha Lake (ca. 190 µmhos) occurred in the upper waters on 20 April. The E.C. of the south Okanagan Lake station (OK11) is more similar to Skaha Lake than the rest of Okanagan Lake.*

The Total Residue values are similar to those of Okanagan Lake in the extremes as are the fluctuations. The average Volatile Solids are similar to those in Okanagan Lake, but the amount of fluctuation in Skaha Lake in the north end (SK2) is almost twice that at the south (SK5). This high value at SK2, recorded 9 May at 10 ft, shows no correlation with other parameters and is high in comparison to other values for that date.

Similar pH readings and Ca^{++} values (except Woods Lake) are recorded for Skaha Lake. The HCO_3^- values are similar to Okanagan Lake and lower than Osoyoos, Woods, and Kalamalka Lakes.[2] The lower values occurring in summer (June to August) with the higher values in winter and spring. The Cl^- values are higher than Okanagan and similar to that of Kalamalka Lake .

The average Mg^{++} values were similar to Okanagan and Osoyoos Lakes, though in Skaha the low values (6 mg/l) were higher than those of the south half of Okanagan (OK8, 11) and Osoyoos Lakes.

With the exception of Woods Lake, Skaha Lake recorded lower average $SiO_2^=$ (ca. 3.2 mg/l). The low $SiO_2^=$ values occurred in April (there was a marked drop from March to April values) when diatoms were abundant.

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[2]*The low values of HCO_3^- may be the result of storage of samples before measuring. In a test of October samples, those stored recorded 80-89 mg/l whereas in those tested shortly after collection, the measurements ranged from 123-134 mg/l.*

Unfortunately algal data for February and March are lacking so nothing is known concerning possible build-up of diatom populations.

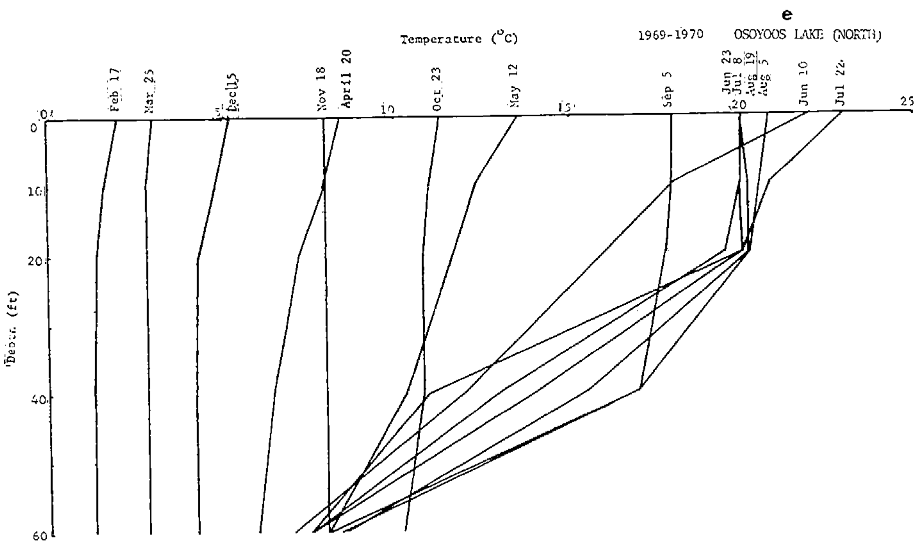
The $SO_4^{=}$ value averages (25.7 mg/l) are similar to that of Okanagan and Osoyoos Lakes with a fluctuation throughout the sampling period of only 7-8 mg/l. There may be more fluctuation but the $SO_4^{=}$ was analyzed bimonthly.

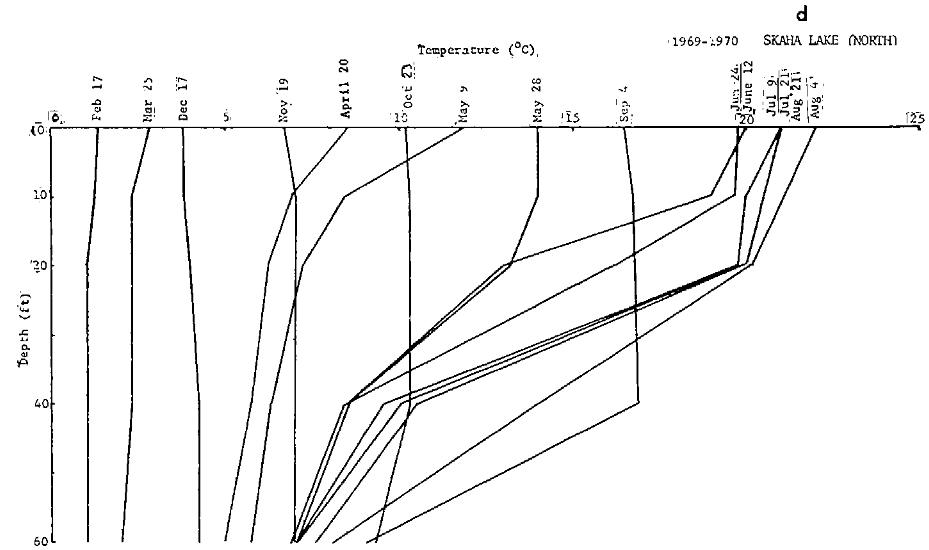
The average NH_4^{+}-N plus NO_3^{-}-N is as high as that occurring in Woods and Osoyoos Lakes (avg. 0.09 mg/l). This is due, in part, to moderately high values of NH_4^{+}-N which fluctuated (0.08-0.10 mg/l) throughout the year. The NH_4^{+}-N lows (0.02 mg/l) were recorded 10 May at both stations with the highs for both stations at 60 ft in late May and early June. The NO_3^{-}-N values were also near those of Woods and Osoyoos Lakes and over 2 times higher than those of Okanagan Lake. The low (0.01 mg/l) was recorded several times with high values at SK2 (north) in February and SK5 (south) in September.

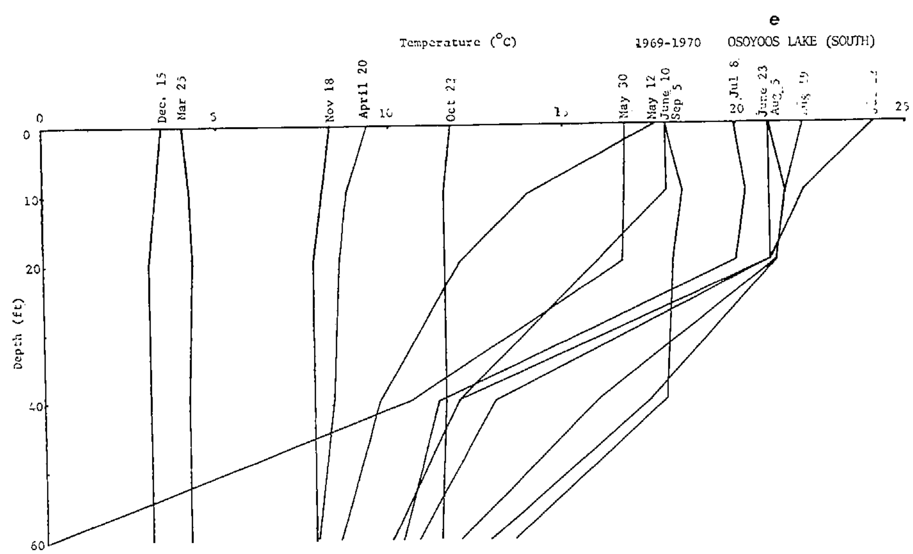
The $PO_4^{\equiv}$ average (0.0.7 mg/l) was about twice that of Okanagan Lake but half that of Woods Lake. A large fluctuation occurred at SK2 where the low occurred 23 July (40 ft) and the high 24 June (60 ft). The high $PO_4^{\equiv}$ at SK5 occurred in May with the low on 4 August (0 ft).

The phytoplankton distribution in the lake was uniform (north vs south). In early May the diatoms, Asterionella formosa, Fragilaria crotonensis and Cyclotella mighiganiana dominated, with the green phytoflagellate Chlamydomonas sp. present at SK5. The diatoms continued with an A. formosa bloom 12 June and included Melosira italica and Tabellaria spp. By mid-July the diatom population was decreasing and the bluegreens, which composed half the population, were in bloom condition. The dominant bluegreen species at both stations were Aphanizomenon flos-aquae *and Aphanothece microscopica. In addition Anabaena circinalis was abundant at SK5 and Chroococcus dispersus at SK2. The diatom population by late summer consisted of M. italica, Tabellaria spp., Stephanodiscus dubius. Phytoflagellates, although less than one-fifth the population, were more in evidence in Skaha than any other lake at this time. These were Dinobryon sertularia and ?Cryptomonas ovata (probably another species than that present in spring blooms in Skaha and other lakes). The bluegreen algae remained dominant until September with Oscillatoria spp. being the last representative present in large numbers. There are no algal data for the winter. In April, the population was half phytoflagellate (?Cryptomonas ovata) and half diatoms (A. formosa, F. crotonensis, M. granulata, and Synedra acus).*

A study of surface waters at SK2 conducted from May 1970 through June 1971 indicates similar phytoplankton distribution (Findley, Stein and Findley, unpubl.). In this study the dominant bluegreen alga in August was Gloeotrichia echinulata which was not present in any previous years (Coulthard and Stein, 1968, 1969). However, a study by Sismey (1921) indicated Rivularia pisum, which closely resembles Gloeotrichia (in Dog Lake, a previously used name for Skaha Lake).


e
1969-1970 OSOYOOS LAKE (NORTH)
Temperature (°C)
Depth (ft)
Feb 17
Mar 25
Dec 15
Nov 18
April 20
Oct 23
May 12
Sep 5
Jun 23
Jul 8
Aug 19
Aug 5
Jun 10
Jul 22


d
1969-1970 SKAHA LAKE (NORTH)
Temperature (°C)
Depth (ft)
Feb 17
Mar 25
Dec 17
Nov 19
April 20
Oct 23
May 9
May 26
Sep 4
Jun 24
June 12
Jul 9
Jul 21
Aug 21
Aug 4


e
1969-1970 OSOYOOS LAKE (SOUTH)
Temperature (°C)
Depth (ft)
Dec. 15
Mar 25
Nov 18
April 20
Oct 22
May 30
May 12
June 10
Sep 5
Jul 8
June 23
Aug 5

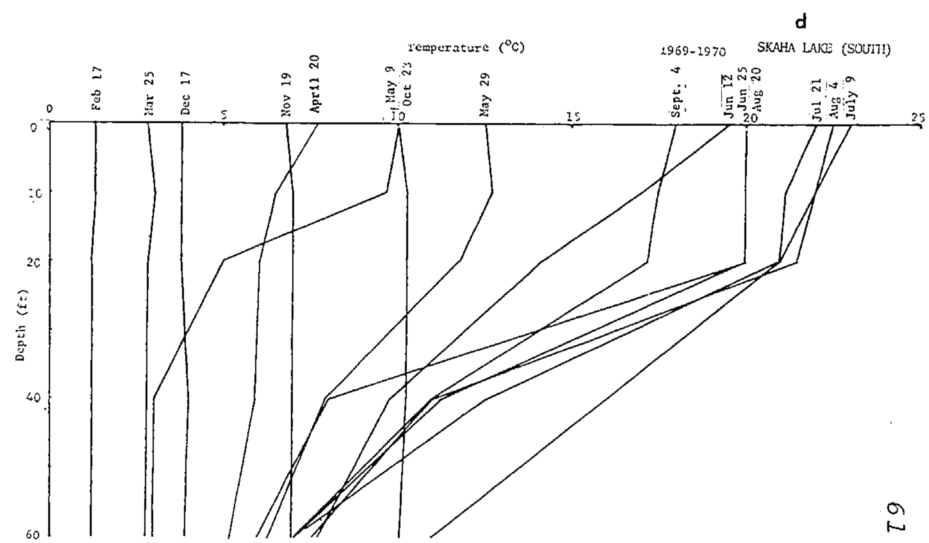
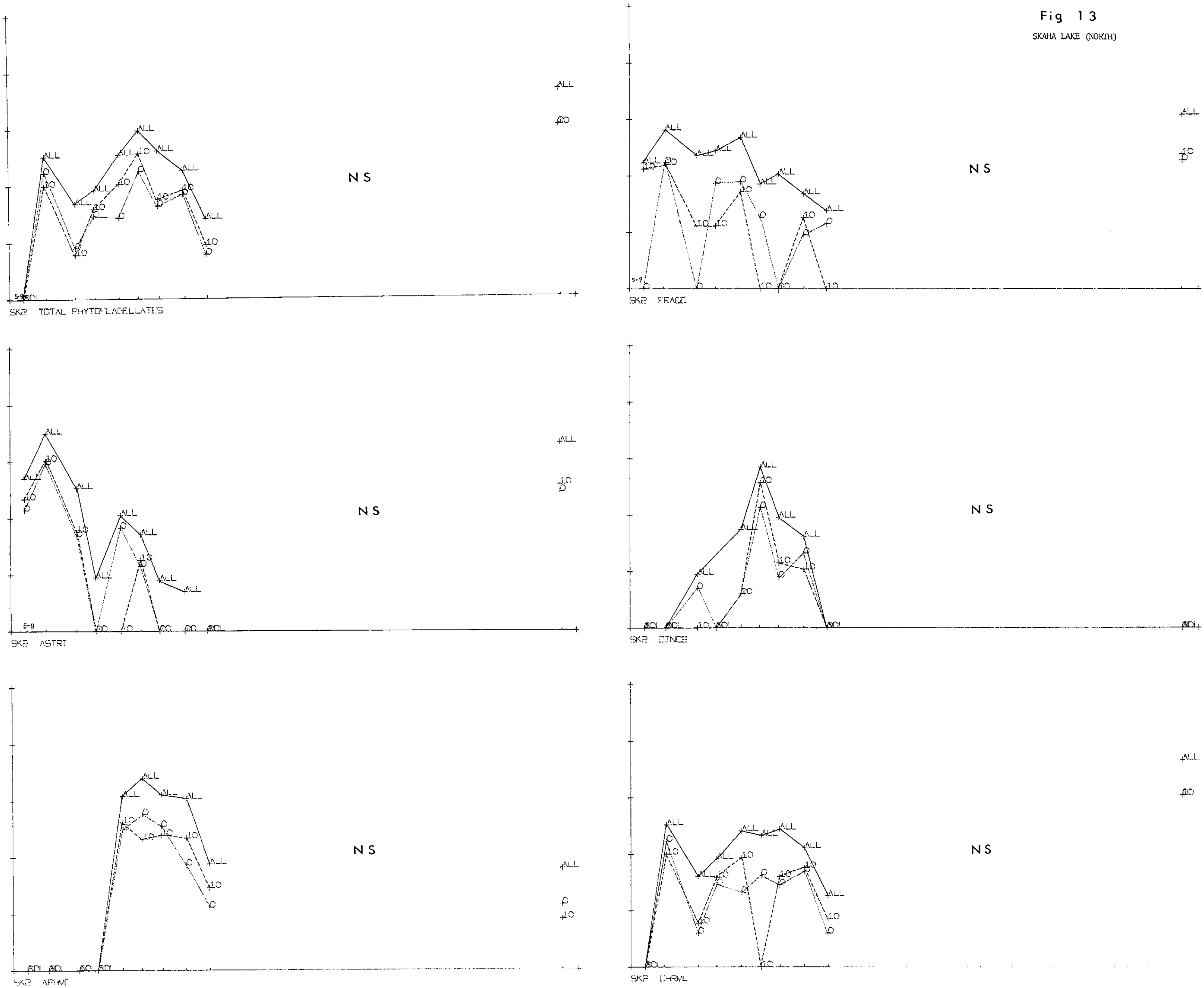

d
1969-1970 SKAHA LAKE (SOUTH)
Temperature (°C)
Depth (ft)
Feb 17
Mar 25
Dec 17
Nov 19
April 20
May 9
Oct 23
May 29
Sept. 4
Jun 12
Jun 25
Aug 20
Jul 21
Aug 4
July 9

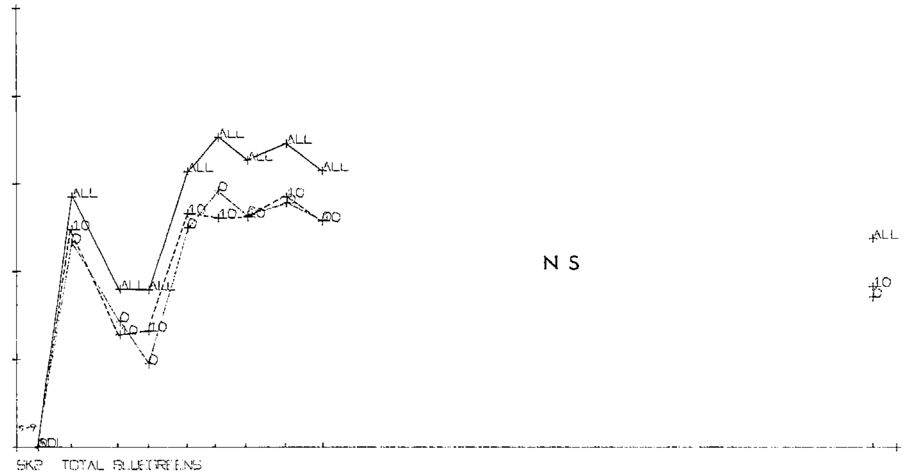
Fig 13

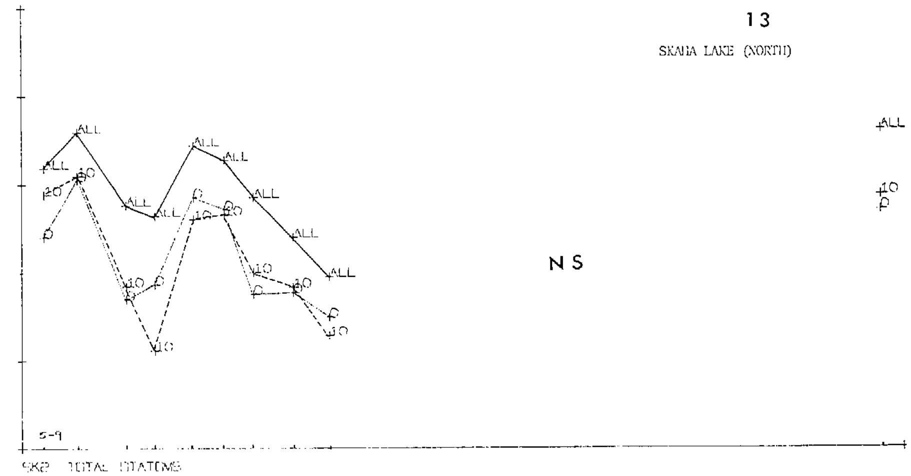
SKAHA LAKE (NORTH)

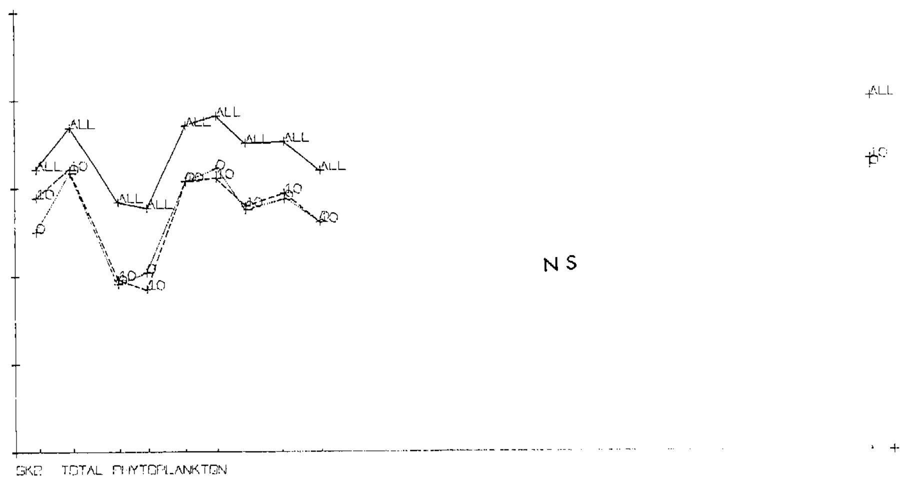


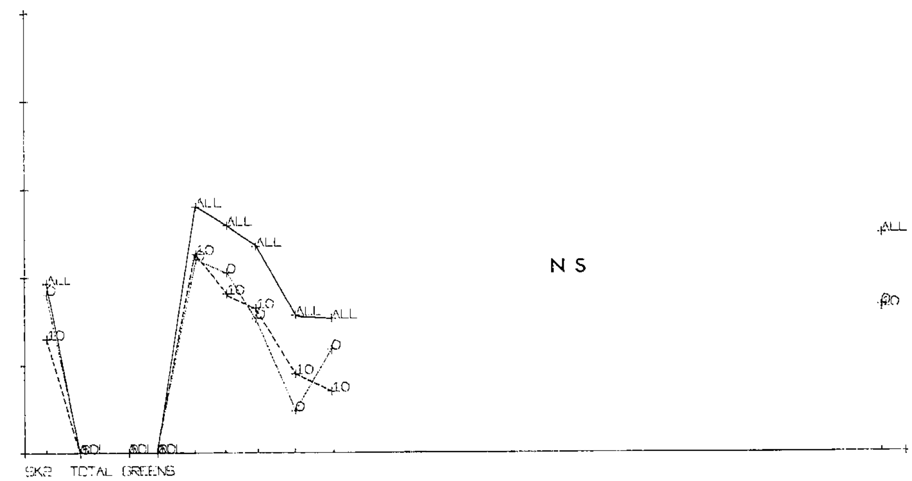
13

SKAHA LAKE (NORTH)









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SKAHA LAKE (SOUTH)

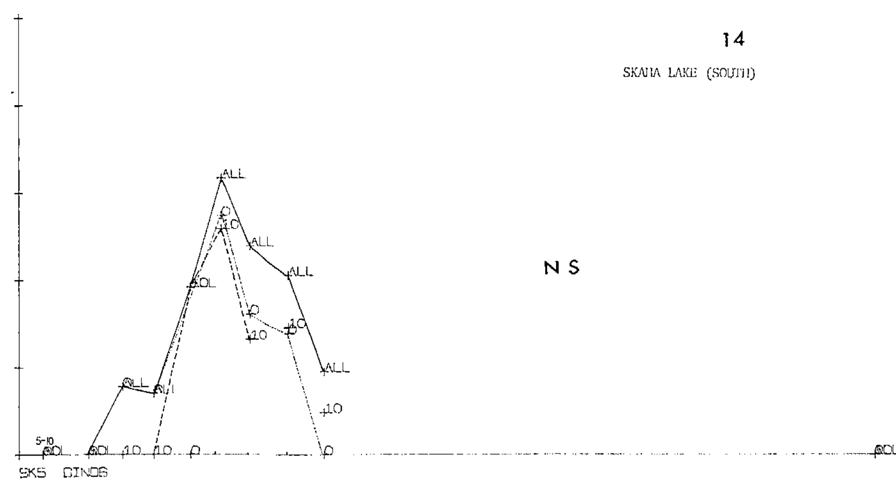
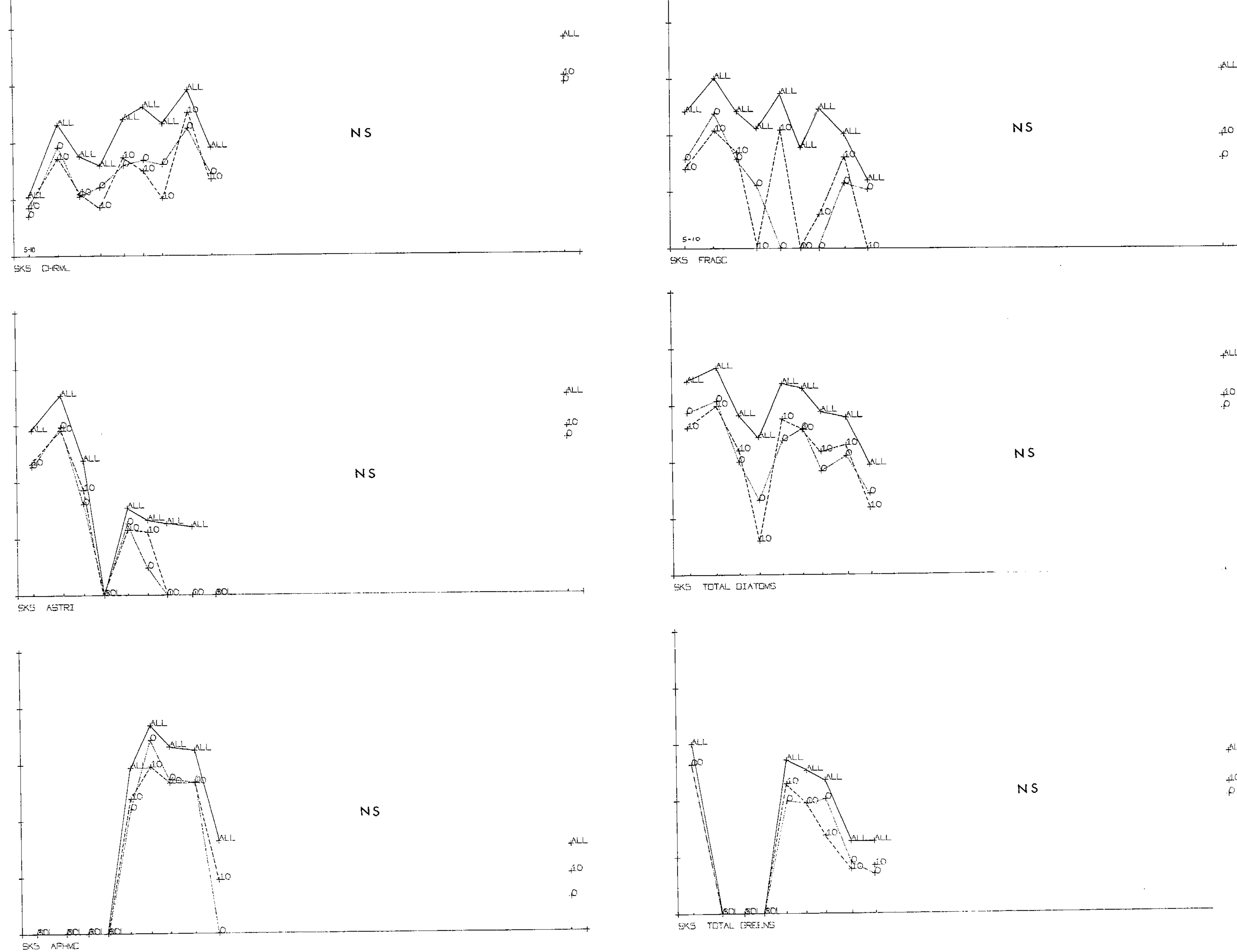


Fig 14
SKAHA LAKE (SOUTH)



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SKAHA LAKE (SOUTH)

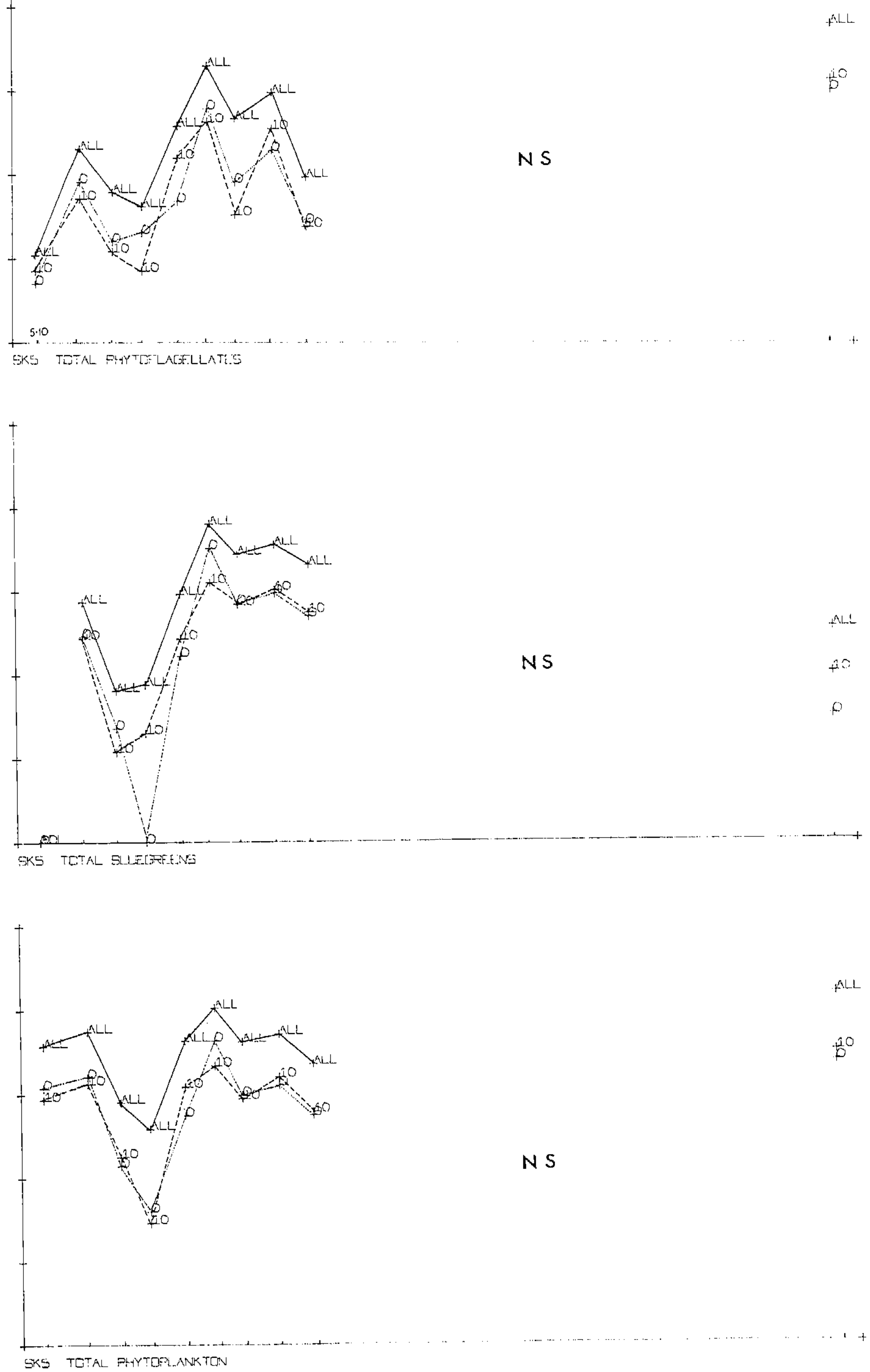
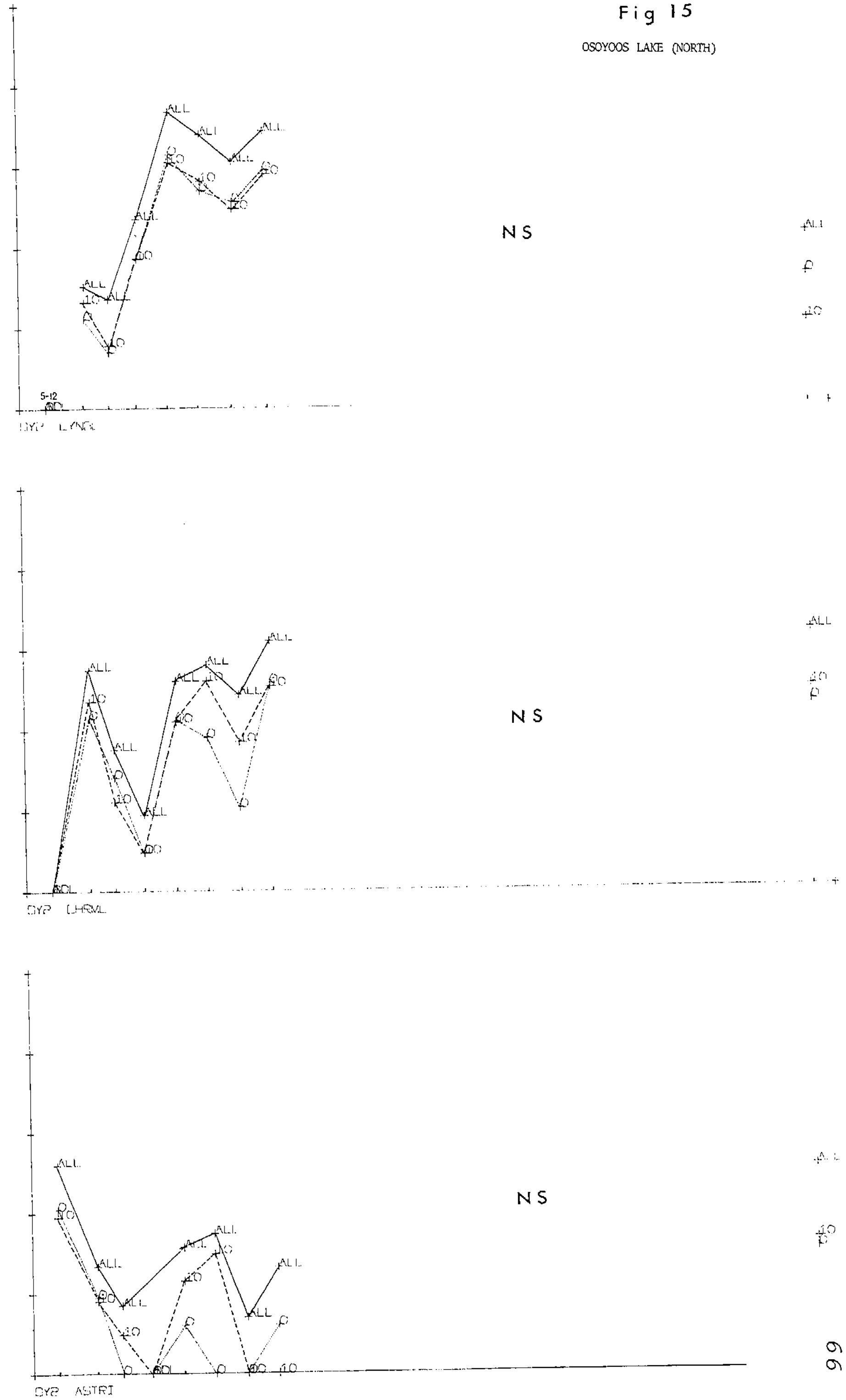
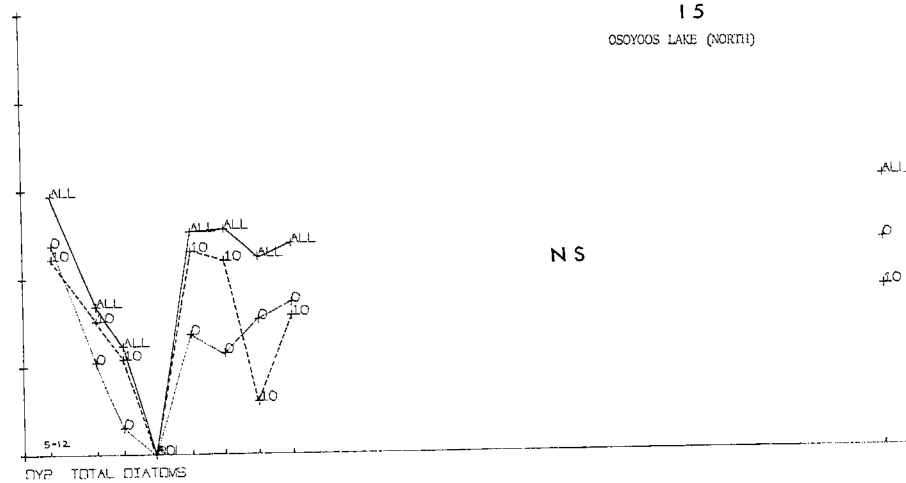
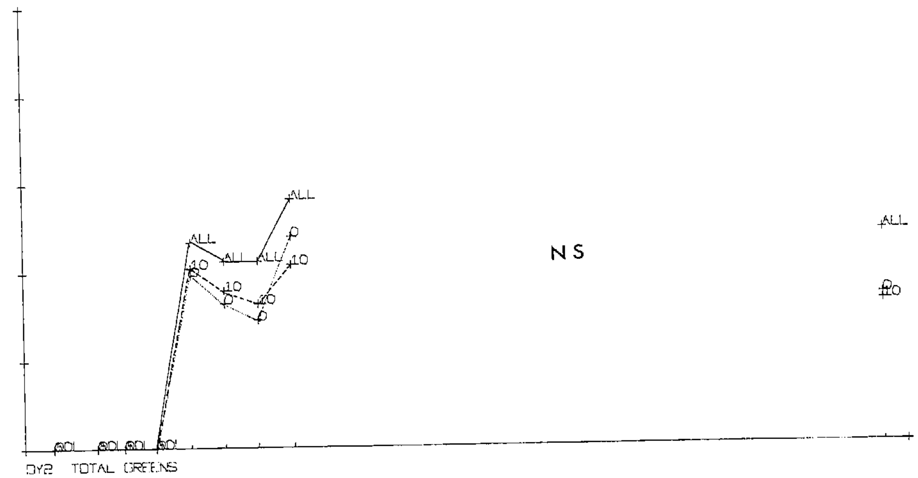


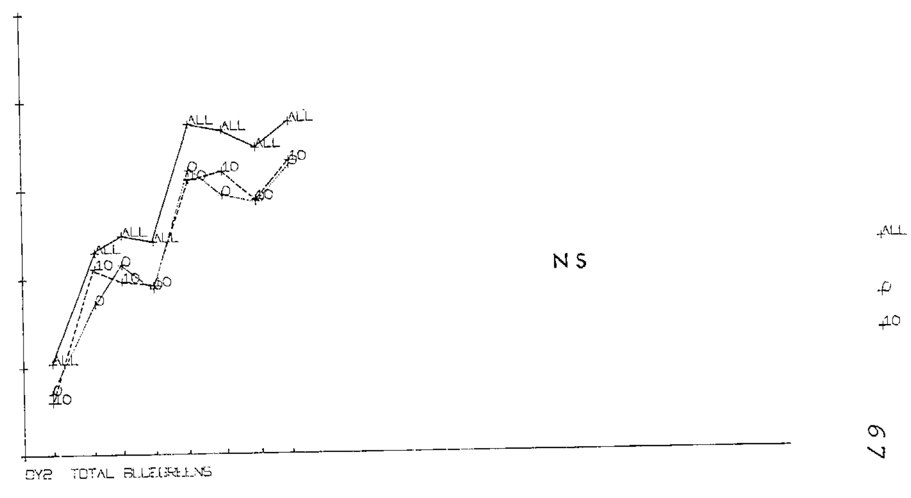
Fig 15

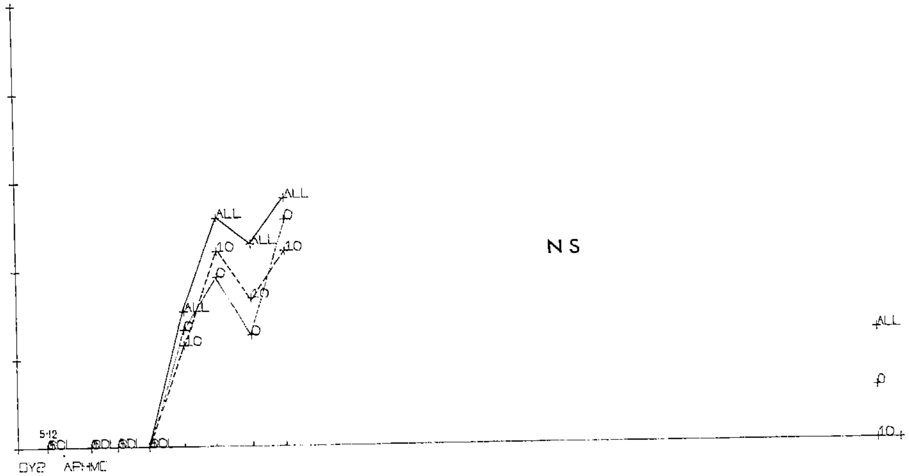
OSOYOOS LAKE (NORTH)

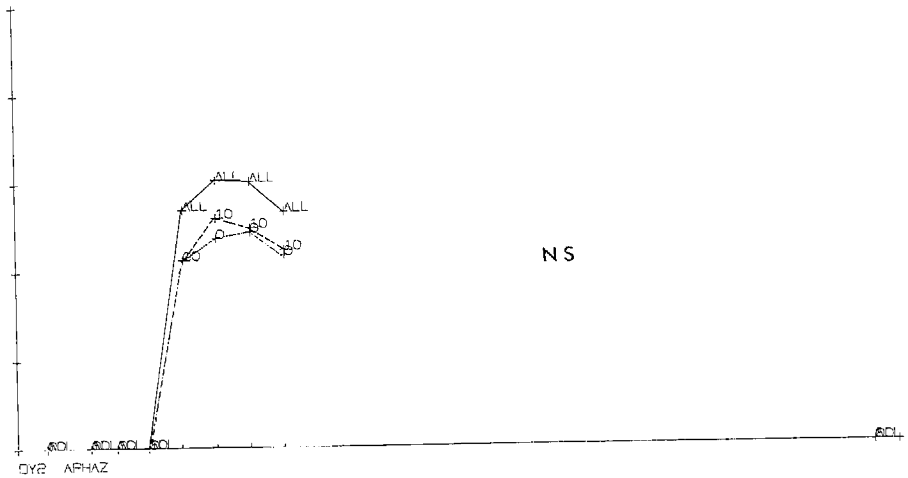



ALL
10
5-12
BDL
DY2 TOTAL DIATOMS
NS


ALL
10
BDL
DY2 TOTAL GREENS
NS


ALL
10
DY2 TOTAL BLUEGREENS
NS


ALL
10
5-12
BDL
DY2 APHMC
NS


ALL
10
BDL
DY2 APHAZ
NS

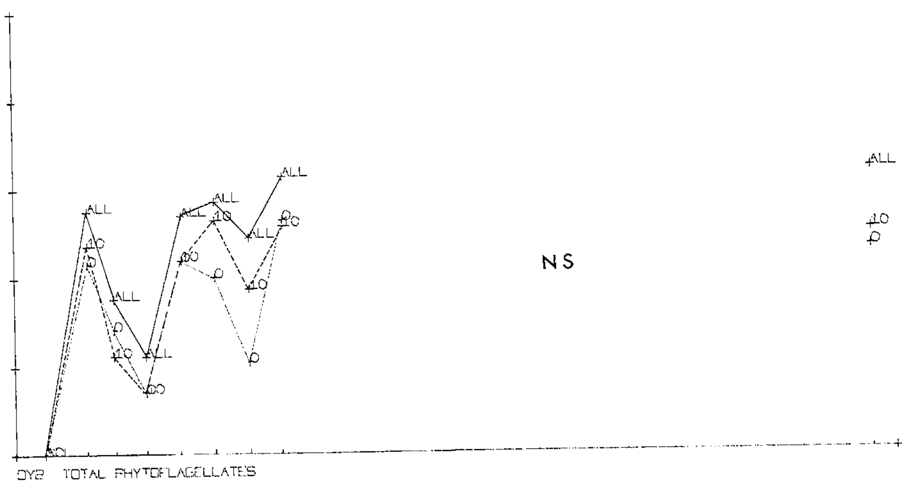
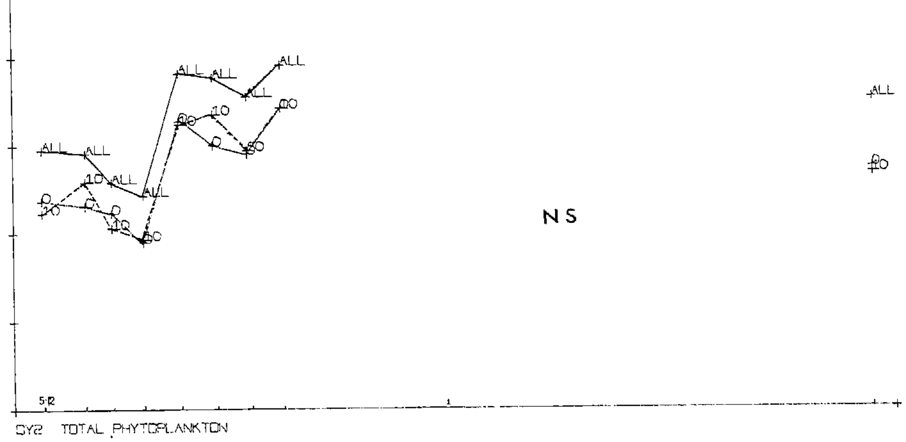

ALL
10
BDL
DY2 TOTAL PHYTOFLAGELLATES
NS

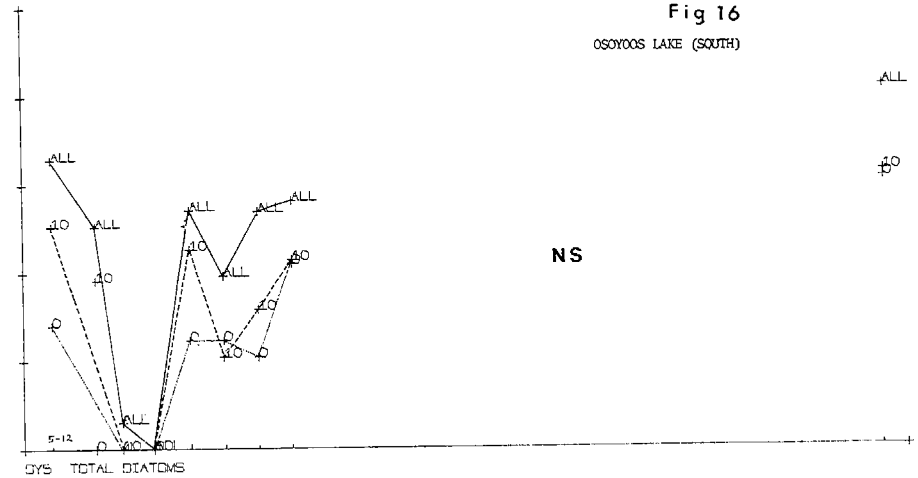
Fig 16

15

OSOYOOS LAKE (NORTH)



OSOYOOS LAKE (SOUTH)



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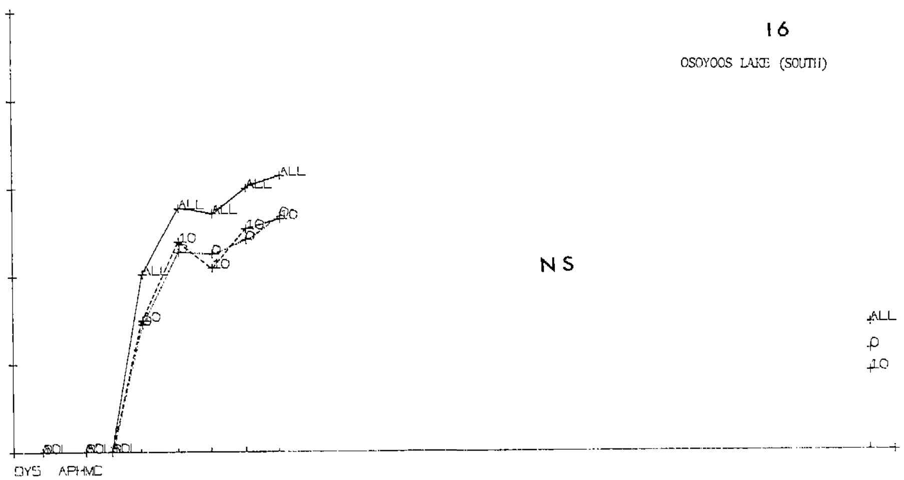
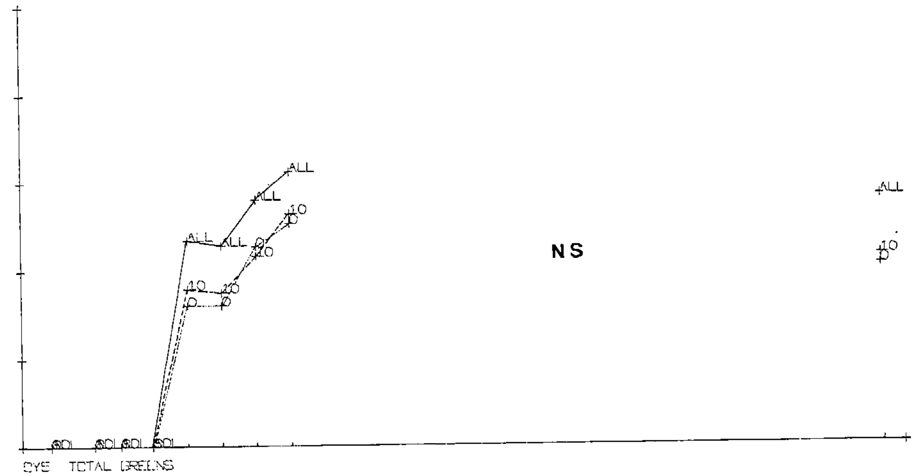
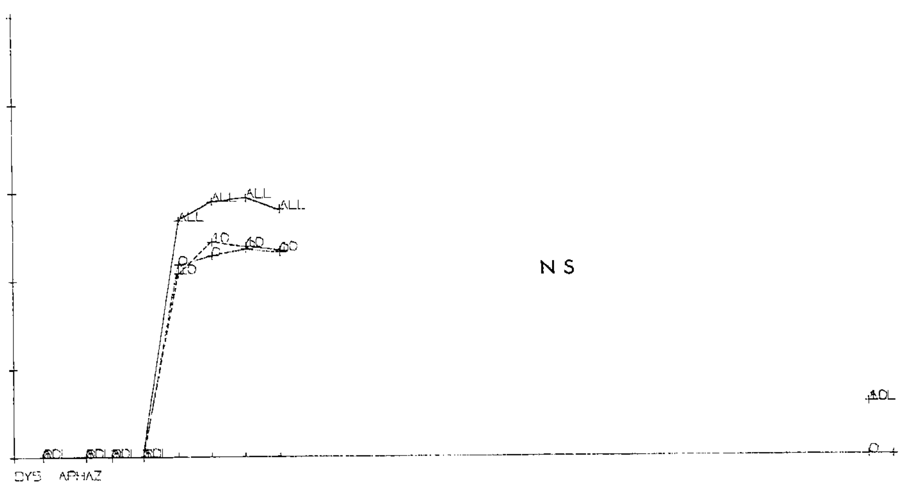
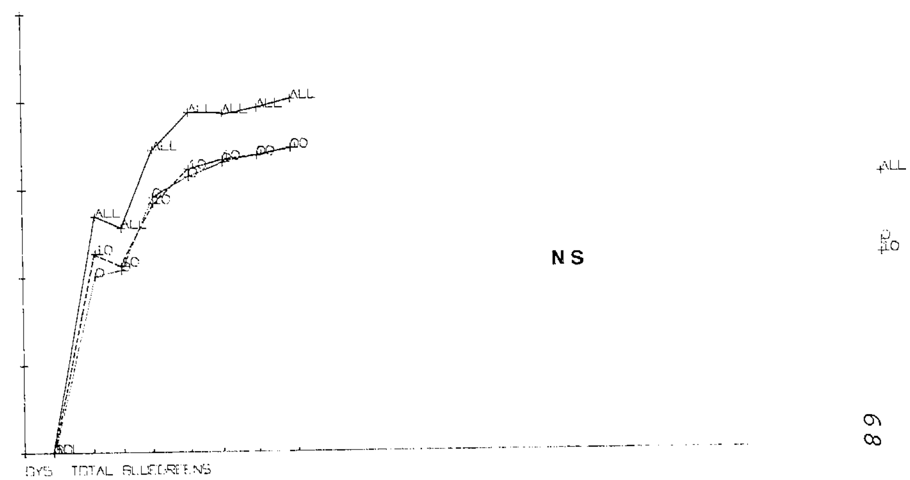
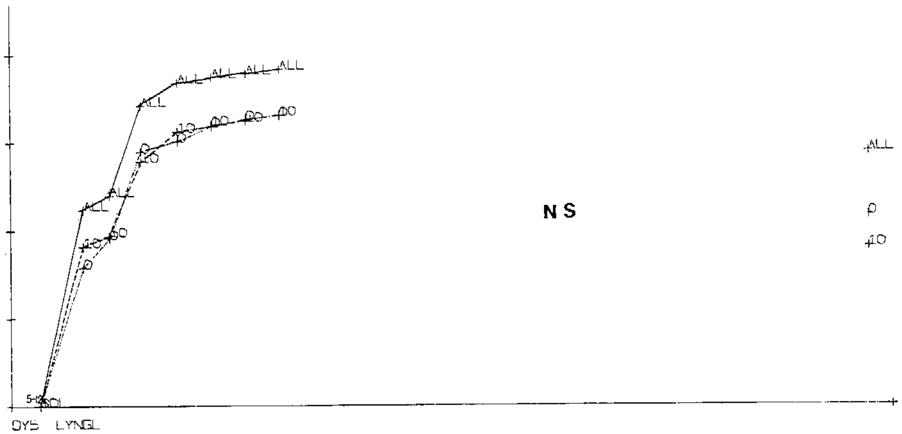
OSOYOOS LAKE (SOUTH)

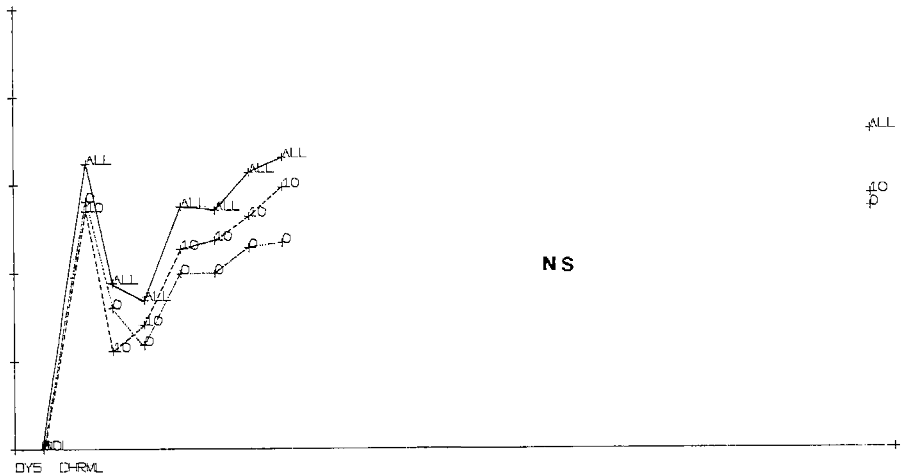


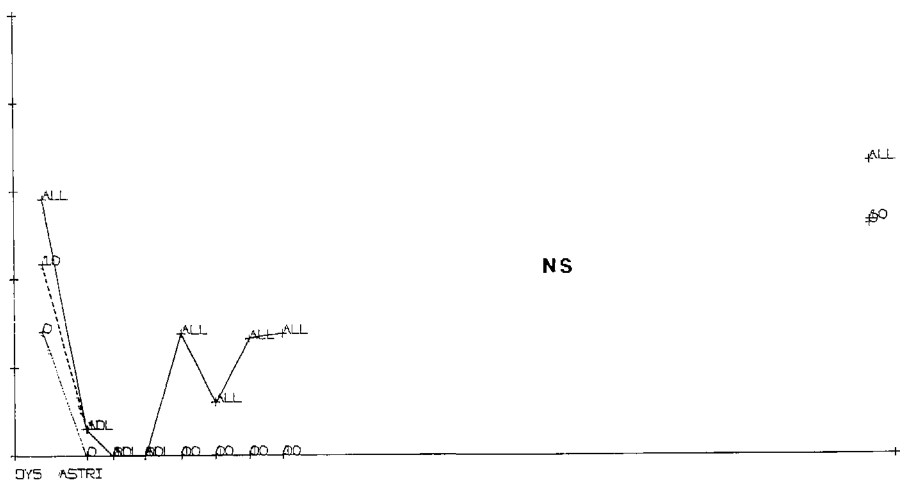


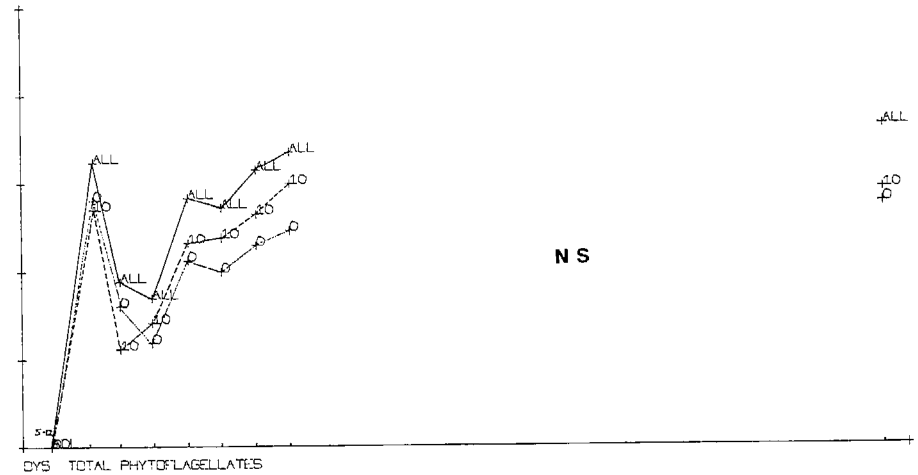


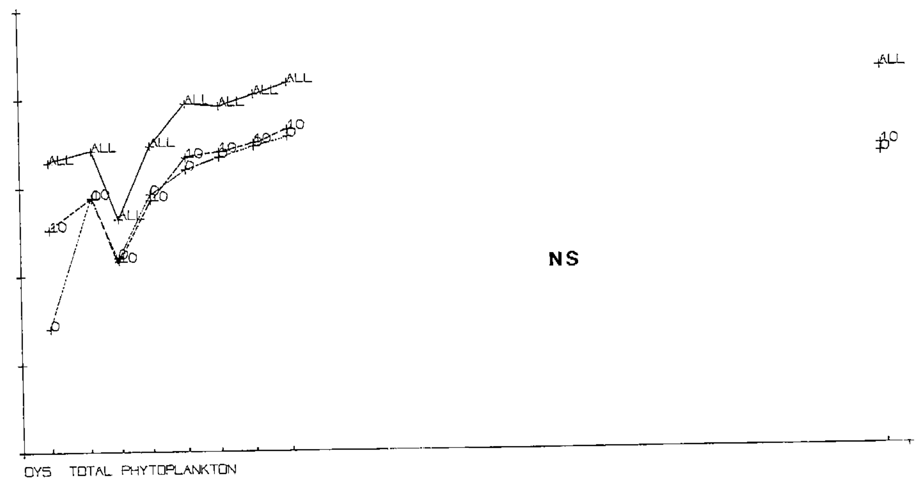



DYS LYNGL
NS
ALL
10


DYS CHRML
NS
ALL
10


DYS ASTRI
NS
ALL


DYS TOTAL PHYTOFLAGELLATES
NS
ALL
10


DYS TOTAL PHYTOPLANKTON
NS
ALL
10

E. Osoyoos Lake

The southermost and last lake in the system is Osoyoos which receives water from Skaha Lake via 23 ml of Okanagan River (Fig. 1). The river channel flows through Vaseux Lake and has 17 drop structures, each 3 ft high. The town of Oliver (3 ml north of Osoyoos Lake) discharges treated domestic sewage effluent into the river. Osoyoos Lake can be considered as 2 or 3 separate entities due to the presence of 2 centrally located peninsulas (fig. 1) -- one from the east of Osoyoos, and one from the west. These cut off the main body of water in the north from that in the south, isolating a small central area. The southern end of Osoyoos Lake (below the 49th parallel in the United States), was not considered in this study. The condition of the lake in 1968-1969 was thoroughly analyzed by Booth (1969).

Two transects were established, one in the northern basin and one in the southern. In the winter months the central point of each was sampled (OY2, 5). The smaller central area between the peninsulas was not sampled.

The data are in Appendix VIE and summarized in Table 4, Figs. 6E, 15 and 16.

The thermocline (Fig. 6E) at the north end (OY2) was established below 20 ft by 23 June and lasted until September when it fell below 40 ft. prior to mixing. At the south end (OY5) an unstable thermocline appeared below 10 ft in early May but by 23 June it was established below 20 ft and also lasted until September. Fairly uniform temperatures in October indicated mixing had occurred.

Secchi Disc readings were only 12-13 ft in the summer and autumn. In the winter the north end of the lake (OY2) was less turbid (Avg. = 19 ft), but at the south end (OY5) there was little change throughout the year.

The Dissolved Oxygen fluctuated more in Osoyoos than other lakes with the most fluctuation at OY5 which recorded a low of 0.0 mg/l twice during the summer at 60 ft (22 July, 19 August). No other station approached this low at any time. The highs occurred in March which was a month later than Okanagan (except OK5), Skaha, and Kalamalka Lakes. The low recorded temperatures in Osoyoos Lake were in February and March as with the other lakes, although ice conditions in January prevented sampling.

The Electrical Conductivity averaged higher than Skaha and OK11 (south Okanagan Lake) but not as high as Kalamalka, Woods and the rest of Okanagan Lake (OK2, 5, 8). The highest values were recorded in April as were the highs at almost all sampling stations. No explanation is offered for this, except that possibly spring run-off was heavy prior to this time. The next period of high E.C. was in October.

Average Total Residue values are similar to Okanagan and Skaha Lakes but there is as large a fluctuation as in Woods and Kalamalka Lakes.

The Volatile Solids, again, are similar to Okanagan and Skaha Lakes, but the largest fluctuation for the lakes was at OY5 (south) which recorded a high of 150 mg/l on 30 May (20 ft). This is a high value but at the same time a value of 147 mg/l was recorded at 40 ft. The cause of these high values may be localized run-off.

The pH range was as in other lakes but a low of 7.8 was recorded at OY5. The HCO_3^- *was higher than that of Okanagan and Skaha Lakes with higher amounts being in spring. The* $CO_3^=$ *averages and range were similar to that of Kalamalka Lake. The* Ca^{++}*values were similar to those of Skaha and Okanagan Lakes, whereas the* Cl^- *averages and ranges were like south Skaha Lake (SK5).*

The Mg^{++} average was of the same magnitude as that of Okanagan and Skaha Lakes but there was more fluctuation (4.5-14.8 mg/l). The $SiO_2^{=}$ averages (ca. 5 mg/l) were higher than Skaha and more like Okanagan Lake. The low values in April at OY2 (north) and 12 May at OY5 (south) occurred when the diatom population were dominant. At OY2 there was a drop from ca. 3.5 mg/l in March to less than 0.5 mg/l in April. A high of 10.6 mg/l (OY5 - 60 ft) occurred in August when the diatom numbers were low. There was a large fluctuation in $SiO_2^{=}$ values at OY2 as in the occurrence of diatoms.

The $SO_4^{=}$ values were similar to other lakes, except Kalamalka. At OY2 on 8 July the low of 14 mg/l occurred at 40 ft whereas at 60 ft the high of 37 mg/l was recorded (thermocline below 20 ft).

The NH_4^{+}-N plus NO_3^{-}-N were both high, although slightly less than Skaha Lake. OY5 had the largest fluctuation in NH_4^{+}-N (0.17 mg/l). The low NH_4^{+} values were in spring before there was much growth of bluegreen algae. The NO_3^{-}-N fluctuated a great deal (0.01-0.19 mg/l) with one of the highest recorded values in the lake system occurring at OY2 on 5 September at 60 ft.

The $PO_4^{\equiv}$ averaged (ca. 0.06-0.07 mg/l) much like Skaha Lake. It was half the values recorded in Woods Lake and twice the average value in Okanagan and Kalamalka Lakes. The low values occurred in summer with high readings in December (OY2) and May (OY5).

The phytoplankton were similar to Skaha and to the other lakes in general. In early May the diatoms Asterionella formosa and Fragilaria crotonensis dominated with Cyclotella michiganiana at OY2 (north) and Melosira islandica at OY5 (south). In late May there was an increase in phytoflagellates with ?Cryptomonas ovata recorded. At OY5 the diatoms and bluegreen algae were the important part of the population. The phytoflagellate pulse fell quickly and the bluegreens increased with Lyngbya limnetica and Oscillatoria sp. growing in large numbers. By 23 June, OY5 recorded a bloom of L. limnetica with Aphanizomenon flos-aquae and Aphanothece microscopica being very abundant until August. The bloom in OY2 lagged until 8 July. In mid-August as the number of bluegreen algae decreased, the phytoflagellate population increased. Gonium pectorale (green phytoflagellate) was an important constituent as well as an organism tentatively identified as ?Cryptomonas ovata which doubtlessly is different from that occurring in April samples in all lakes and in the 30 May samples of Osoyoos Lake. The lack of algal data for the fall and winter gives an incomplete picture of the lake. However, in April the phytoflagellates and diatoms common in the other lakes were present in Osoyoos. In addition to ?Cryptomonas ovata, F. crotonensis, A. formosa, the diatoms Melosira granulata and Synedra acus (also in Skaha Lake) grew at OY5.

The phytoplankton in 1969/70 differed from that of 1968/69 (Booth 1969) in that the phytoflagellate Dinobryon sertularia did not occur in bloom conditions in August-September 1969. Also, in 1968/69 Aphanizomenon flos-aquae was the dominant bluegreen alga but in 1969/70, Lyngbya limnetica was present in far greater numbers.

TABLE 5. COMPARISON OF PHYSICAL DATA FROM 1935 COLLECTED BY CLEMENS, ET AL. (1939) WITH THIS REPORT

C = Clemens, et al. Depth in m.

		OK9	C-STN 1	KA2	C-KAL	W3	C-WOODS
Turbidity		6.8-8.3	8-11	4.2-11.7	6-7	3.1-3.7	2-2.5
Date		7/3/69	7/4/35	8/11/69	8/14/35	8/11/69	8/13/35
Temp.	0	18	17	20	17.5	21	18.5
	10		14		16.7		15
°C	12.3	14.0		16.0		11.0	10.4
	18.5	9.0		6.5		5.8	
	20		7		12.2		6.8
D.O.	0	8.8	6.0	8.4	5.6	8.1	5.7
	10						4.5
mg/l	12.3	9.4		9.6		5.1	
	15		6.5		6.9		4.5
	18.5	9.0		10.8		5.0	
	25		6.4		6.9		

VI. GENERAL DISCUSSION

This study did not consider the geology of the area, the surficial deposits, nor the fauna. The comparatively high Total Residue, Electrical Conductivity, and Volatile Solids values recorded for some lakes are an indication of the geological features. Similarly, comparatively high values of NH^{+}-N are probably due to growth and death of fauna -- especially zooplankton in upper waters (Findley, Stein and Findley, unpubl.). A large zooplankton population would reflect high phytoplankton production resulting from the presence of growth nutrients (possibly) in abnormal amounts due to artificial addition (e.g., waste disposal, irrigation run-off, etc.). The additional growth of the plants becomes a 'treadmill' broken by either removal of nutrients or complete cessation of the additives.

The deeper, larger volume, colder lakes of the Okanagan Valley System (Kalamalka, Okanagan) are less likely affected by the addition of materials; whereas, the shallow ones (Woods, Skaha, Osoyoos) are. The rate of water movement through the lakes (replenishment rate) and turbulence by wind are important factors in determining what materials settle and the amount of mixing.

The parameters used to determine eutrophication of lakes are usually Dissolved Oxygen, Volatile Solids, Nitrogen, Phosphate, and growth organisms. Averages determined on a yearly basis are not necessarily good indications unless the amount of fluctuation and temperature conditions are also considered. The temperature will determine the location of the thermocline which is important in mixing and subsequent dilution of added materials. Similarly comparisons made throughout a transect point are not always accurate representations of the conditions of a lake over a period of time. However, it is necessary to do sampling on a regular basis and then attempt analyses based on the parameters considered.

From the study of the lakes in 1969/70, some conclusions can be drawn and from these possible guidelines concerning management of the lakes can be established. The lakes generally had the highest D.O. values at lower depths in Fabruary and March when the lowest temperatures were recorded. This was not true for Osoyoos Lake which had the lowest D.O. values in March. (Data for Woods Lake in February is lacking.) The lowest D.O. were recorded in July, August and September, usually at 40 or 60 ft, which is at or below the thermocline. The lowest D.O. was 0.0 mg/l near the bottom of south Osoyoos Lake (OY5 - 60 ft, 22 July, 19 August). However very low D.O. values were recorded from 22 July to 5 September at this station. These lows are extreme when compared with the next lows which were ca. 3 mg/l at OY2 (5 September - 60 ft) and ca. 4 mg/l at W3 (8 September - 40, 60 ft).

The Volatile Solids seemed to fluctuate in all lakes and the amounts appear more closely related to T.R. values which are also a measure of minerals in solution and suspension. At this time, it is not possible to make conclusions concerning the V.S., T.R. and eutrophication in any given lake. Further analyses and correlation studies of the data presented here would be useful and informative.

NH_4^+*-N plus* NO_3^-*-N values are highest in the shallower Woods, Skaha and Osoyoos Lakes. The low values of* NH_4^+*-N for all stations were in May, June and July with the highs occurring at varying times with no apparent correlation. For* NO_3^-*-N the lows were prevalent for most lakes throughout the year of study, except in Woods Lake when the low occurred less often than in the deeper Kalamalka and Okanagan Lakes. In Osoyoos Lake the low occurred less than that in Skaha.*

The average $PO_4^{\equiv}$ was highest (0.15 mg/l) in Woods Lake and lowest in Kalamalka (0.02 mg/l) and Okanagan (0.03 mg/l) with intermediate values (0.07 mg/l) in Skaha and Osoyoos. The times of high and low were variable and the fluctuation in amount is highest in Woods and north Skaha Lake (SK2).

Possibly a good measure of eutrophication is the amount of fluctuation in a given substance (NH_4^+, NO_3^-, $PO_4^{\equiv}$, etc.) ocurring in a given year. The ability of a lake to equalize addition of materials throughout a year then is a measure of the stability of the lake. This equalization depends on the inflow, the shape of the basin, and climatological factors as well as the nature of materials being added. Thus, the addition of compounds affecting growth of plants and animals in an unstable lake will become apparent 'quickly' (few years). In contrast, stable lakes will not show these effects as soon (decades, centuries) except in localized areas (e.g., near shore and/or habitation). Unfortunately, even a year seems too long for some people for diagnosing the cause of eutrophication and subsequent checking of this cause.

In cursory analysis of the amount of fluctuation in D.O., V.S., NH_4^+-N, NO_3^--N, and $PO_4^{\equiv}$. Two stations on Okanagan Lake (OK5, 8) have the lowest fluctuation in one paramenter -- V.S. or NO_3^--N. The other Okanagan stations have intermediate V.S. fluctuation and relatively low fluctuations in NO_3^--N. Woods Lake has the least fluctuation in only NH_4^+-N, which is often considered an indication of active decay; however, Woods Lake does not have values as high as in OY5, SK2, SK5. North Skaha Lake (SK2) has the highest fluctuation in $PO_4^{\equiv}$, and north Osoyoos (OY2) has the highest fluctuation in NO_3^-N. The highest fluctuations in D.O., V.S., and NH_4^+-N occur at OY5. Thus it might be *concluded that Kalamalka Lake is the least eutrophic and the south Osoyoos Lake (OY5) the most. Okanagan, Woods and Skaha lakes would then be intermediate with Okanagan and Woods Lakes being further from eutrophication than Skaha. Kalamalka, Okanagan and Woods Lakes would be considered more stable but Skaha and Osoyoos not. The analyses of fluctuations of D.O., V.S., NH_4^+-N, NO_3^--N, and $PO_4^{\equiv}$ give Woods Lake an erroneous position as it has relatively little variation in these parameters. However, the average values in Woods Lake are the highest or lowest for 4 of the 5 parameters -- D.O.(low), V.S. (high), NH_4^+-N (high), $PO_4^{\equiv}$ (high). Thus fluctuation and averages should be considered together for these parameters. Woods Lake may have reached an advanced stage of eutrophication and is fairly stable.*

In considering phytoplankton abundance, eutrophic waters tend to have large numbers of a few species (low diversity, large biomass) and oligotrophic waters have small numbers of many species (high diversity, low biomass) (Russell-Hunter 1970). The Okanagan Valley lakes all have the same general species with Skaha being the most diverse and Kalamalka the least. As to total numbers of algae, Table 6 shows Woods Lake to average the most, closely followed by south Osoyoos Lake (OY5). North Osoyoos (OY2) and Skaha Lake had approximately half this average with all Okanagan Lake stations having one-quarter the number in Woods and OY5. Kalamalka Lake was very low in total number. The largest number of algae counted was in south Osoyoos Lake (OY5) and two-thirds were phytoflagellates (20 April). The largest number of algae in Woods Lake was 95% bluegreens.

Lund (1962) studied some of the large Canadian lakes in Northern Saskatchewan and Northwest Territories investigated earlier by Rawson (see Lund 1962). Lund noted

TABLE 6. - PHYTOPLANKTON BY SEASONS

(Dominant group listed first: = means equal numbers of each)

(BG - bluegreen algae: D = diatoms: Ph = phytoflagellates
See Appendix VA for groupings)

Station	Avg. Annual Number /ml 3	Dominant Organisms by Group Early Summer May-July	Late Summer (July)Aug-Sept	Spring April
W3	7900	--	BG	BG (Ph)
KA2	400	BG D = Ph	Ph, BG, D	Ph = D
OK2	1925	BG, D	BG, D	D, Ph
OK5	1475	D, BG	BG, D	Ph = D
OK8	1650	D, BG	BG, D	D, Ph
OK11	1350	D, BG	BG, D	D, Ph
SK2	3825	D, BG	BG, D	D = Ph
SK5	3670	D	D, BG	D = Ph
OY2	3300	D	BG, Ph	D = Ph
OY5	7650	D, BG	BG, Ph	D, Ph

/

that more oligotrophic lakes were dominated by diatoms. The presence of both bluegreen algae and diatoms indicated increasing eutrophy. Table 6 outlines the dominant groups of phytoplankton Okanagan Valley lakes for early summer, late summer, and spring. From these it can be seen that phytoflagellates are important constitutents but are not useful in determining trophic nature unless their presence throughout the year is a sign of oligotrophy (see Kalamalka Lake).

In this study the zooplankton and bottom fauna were not sampled. This omission should be considered in interpreting the data. A study by Saether (1970) gives information on bottom fauna close to one sampling period in this report (9-11 September 1969). Table 7 compares some physical data for Okanagan, Skaha and Osoyoos Lakes with that of Saether (1970) for similar stations.

On the basis of bottom fauna present, Saether (1970) concluded that: 1) Okanagan Lake is primarily an oligotrophic lake but certain areas are polluted (becoming eutrophic) and there is a marked change toward mesotrophy since the 1935 study (Clemens, et al. 1939) -- see Table 5 for a comparison of some of the stations): 2) Skaha Lake has recently had a dramatic change -- possibly resulting from low oxygen levels in deep water and/or high insecticide levels: 3) Osoyoos Lake has been moderately eutrophic for a very long time with the central basin (not considered in this report) being strongly eutrophic.

From the study of Saether and the data presented here, it appears that Woods Lake is still very eutrophic. South Osoyoos Lake is eutrophic also; whereas, north and south Skaha Lake are approaching eutrophy. Whether it is possible for a reversal of the eutrophication process is unknown. Woods Lake is probably irreversibly eutrophic --

TABLE 7. COMPARISON OF PHYSICAL DATA FOR SEPTEMBER 1969 COLLECTED BY SAETHER (TABLE 1, 1970) WITH THIS REPORT (S = Saether). Depth in m.

	OK9	S-STN. 4	SK5	S-STN. 37	OY2	S-STN. 40
DATE	9/9	9/10	9/4	9/10	9/5	9/11
TURBIDITY	9.4	8.5	3.1	2.8	5.7	4.1
TEMP. °C	18.0	17.7	18.0	18.8	18.0	19.6
6.5	16.8		17.2		17.8	
10.0		16.9		18.0		18.2
12.3	15.0		11.0		17.0	
15.0		14.9		11.9		14.5
17.5		13.0		9.4		10.1
18.5	8.0		7.5		8.4	
20.0		10.4		8.1		8.3
D.O. 0.0	9.5	8.4	9.3	9.7	8.0	9.8
mg/l 12.3			6.4		6.9	
15.0						6.6
18.5			6.2		3.4	
20.0				7.1		4.2

possibly more a natural phenomenon than man-made. Okanagan and Kalamalka Lakes are at present still oligotrophic -- at least the main bodies of water as such. It is feasible that near the shores, eutrophication is occurring due to addition of materials that are remaining near the point of entry. The 1971 changes in disposal of treated sewage effluent by Vernon (one-fifth to be used for irrigation), Penticton (installation of tertiary treatment plant), and the treatment of some cannery wastes (Penticton) may slow eutrophication and possible reverse it.

The attempt to find simple parameters to measure for determining eutrophication is unsuccessful if one considers this report as a whole. This lack of success is the result of a complex of factors that originally create the eutrophication over a period of time. Thus, it is not possible that one parameter measured at a given time and place will definitely indicate the cause of eutrophication. Similarly, it is not always possible to curtail eutrophication by controlling one factor although this may be important and cause significant changes. This study is mainly useful as a monitoring of the conditions at a given time and place. Further analyses of the data may indicate more information than reported here.

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APPENDIX 1

TRANSECT LOCATIONS (BY DIRECTION OF FLOW)

LAKE	TRANSECT		CODE
Woods	North	W ↓ E	W1 W2
	South	W ↓ E	W3[a] W4
	Woods-Kalamalka Canal		
Kalamalka	Central	W ↓ E	KA1 KA2[a] KA3
	Vernon Creek		
Okanagan	North (S of Vernon)	W ↓ E	OK1 OK2[a] OK3
	North Central (N of Kelowna)	W ↓ E	OK4 OK5[a] OK6
	South Central (S of Kelowna)	W ↓ E	OK7 OK8[a] OK9
	South (N of Penticton)	W ↓ E	OK10 OK11[a] OK12
	Okanagan River		
Skaha	North	W E	SK1 SK2[a] SK3
	South	W ↓ E	SK4 SK5[a] SK6
	Okanagan River - Vaseux Lake - Okanagan River		
Osoyoos	North	W ↓ E	OY1 OY2[a] OY3
	Central		----
	South	W ↓ E	OY4 OY5[a] OY6

[a] Sampled October 1969 - April 1970

APPENDIX II

SAMPLING SITES, DATES AND CODE DESIGNATION

SAMPLING LOCATION		P	Q	R	S
1. Woods Lake	W1-W4	0	0	0	0
2. Kalamalka Lake	KA 1-3	0	5 Jun	19 Jun	1 Jul
3. Okanagan Lake	OK 1-3	0	4 Jun	18 Jun	4 Jul
	4-6	0	3 Jun	18 Jun	4 Jul
	7-9	0	3 Jun	17 Jun	3 Jul
	10-12	0	0	17 Jun	2 Jul
4. Skaha Lake	SK 1-3	9 May	23 May	12 Jun	24 Jun
	4-6	10 May	29 May	12 Jun	25 Jun
5. Osoyoos Lake	OY 1-3	12 May	30 May	10 Jun	23 Jun
	4-6	12 May	30 May	10 Jun	23 Jun
6. Miscellaneous Pts.		13 May	27-29 May	9-11 Jun	23-24 Jun

SAMPLING LOCATION		T	U	V	W
1. Woods Lake	W1-W4	0	28 Jul	11 Aug	27 Aug
2. Kalamalka Lake	KA 1-3	14 Jul	28 Jul	11 Aug	27 Aug
3. Okanagan Lake	OK 1-3	18 Jul	31 Jul	13 Aug	26 Aug
	4-6	17 Jul	30 Jul	13 Aug	26 Aug
	7-9	18 Jul	30 Jul	12 Aug	25 Aug
	10-12	17 Jul	29 Jul	12 Aug	25 Aug
4. Skaha Lake	SK 1-3	10 Jul	23 Jul	4 Aug	20 Aug
	4-6	10 Jul	23 Jul	4 Aug	20 Aug
5. Osoyoos Lake	OY 1-3	8 Jul	22 Jul	5 Aug	19 Aug
	4-6	8 Jul	22 Jul	5 Aug	19 Aug
6. Miscellaneous Pts.		7&10 Jul	23 Jul	6 Aug	18 Aug

continued....

APPENDIX II

SAMPLING SITES, DATES AND CODE DESIGNATION

SAMPLING LOCATION		X	Y	Z	A
1. Woods Lake	W1-W4	8 Sept	22 Oct	21 Nov	17 Dec
2. Kalamalka Lake	KA 1-3	8 Sept	22 Oct	21 Nov	17 Dec
3. Okanagan Lake	OK 1-3	10 Sept	22 Oct	21 Nov	17 Dec
	OK 4-6	10 Sept	21 Oct	19 Nov	18 Dec
	OK 7-9	9 Sept	21 Oct	19 Nov	
	OK 10-12	9 Sept	24 Oct	25 Nov	18 Dec
4. Skaha Lake	SK 1-3	4 Sept	23 Oct	19 Nov	17 Dec
	4-6	4 Sept	23 Oct	19 Nov	17 Dec
5. Osoyoos	OY 1-3	5 Sept	23 Oct	18 Nov	15 Dec
	4-6	5 Sept	23 Oct	18 Nov	15 Dec
6. Miscellaneous Pts.		0	0	0	0

SAMPLING LOCATION		B	C	D	E
1. Woods Lake	W1-W4		0	26 Mar	20 Apr
2. Kalamalka Lake	KA 1-3		18 Feb	26 Mar	20 Apr
3. Okanagan Lake	OK 1-3	Thin ice	18 Feb	26 Mar	20 Apr
	OK 4-6	Storms	19 Feb	26 Mar	20 Apr
	OK 7-9		19 Feb	26 Mar	20 Apr
	OK 10-12		19 Feb	25 Mar	20 Apr
4. Skaha Lake	SK 1-3	No	17 Feb	25 Mar	20 Apr
	4-6	Data Obtained	17 Feb	25 Mar	20 Apr
5. Osoyoos Lake	OY 1-3		17 Feb	25 Mar	20 Apr
	4-6		0	25 Mar	
6. Miscellaneous Pts.			0	0	

APPENDIX III

COMPARISON OF DISSOLVED OXYGEN DETERMINED BY MEMBRANE PROBE AND WINKLER ANALYSIS (mg/l).

	Osoyoos Lake	OY-2	Skaha Lake	SK-2
Depth Feet	Probe	Winkler	Probe	Winkler
0	7.8	-	8.9	9.10
10	8.0	9.15	8.85	9.00
20	8.0	9.15	8.75	9.00
30	7.6	9.15	9.10	9.10
35	7.6	-	8.80	9.50
40	5.4	7.55	8.9	9.50
50	6.0	7.00	8.8	9.50
60	6.0	6.95	-	9.50
80	-	6.85	-	10.20
100	-	6.40	-	10.40
150	-	-	-	5.80
240	-	-	-	-
Date Analyzed	July 28/69		July 11/69	

	Okanagan Lake	OK-5	KALAMALKA Lake	KA-2
Depth Feet	Probe	Winkler	Probe	Winkler
0	8.6	9.45	9.2	9.35
10	8.5	9.50	9.4	9.35
20	8.6	9.65	9.5	8.85
30	8.7	9.65	9.6	9.55
35	8.8	-	9.8	10.25
40	8.9	9.65	10.6	11.55
50	9.1	10.25	11.0	12.20
60	-	11.40	-	12.70
80	-	11.75	-	12.10
100	-	11.85	-	11.15
150	-	11.85	-	11.05
240	-	11.75	-	11.05
Date Analyzed	July 17/69		July 15/69	

Probe lead length limited to 50 or 60 feet respectively

APPENDIX IV

CHEMICAL TESTS

Bicarbonate (HCO_3^-)	*Black 1965, p. 945 (new 1969/70)*
Calcium (Ca^{++})	*APHA 1965, p. 74*
Carbonate ($CO_3^=$)	*Black 1965, p. 945 (new 1969/70)*
Chloride (Cl^-)	*APHA 1965, p. 87 (different than 1968/69)*
Magnesium (Mg^{++})	*APHA 1965, p. 169 modified to delete titration and use atomic absorption (new 1969/70)*
Nitrogen-Ammonium ($N\text{-}NH_4^+$)	*Strickland and Parsons 1965, p. 83/87*
Nitrogen-Nitrate ($N\text{-}NO_3^-$)	*APHA 1965, p. 195-8*
Phosphate, total ($PO_4^{\equiv}$)	*APHA 1965, p. 231-6 (different than 1968/69)*
Silicate ($SiO_2^=$)	*APHA 1965, p. 261.4*
Sulfate ($SO_4^=$)	*APHA 1965, p. 291 (new 1969/70)*
Total Residue (T.R.)	*APHA 1965, p.244*
Volatile Solids (V.S.)	*APHA 1965, p. 425 (new 1969/70)*

CODE LETTERS AND SCIENTIFIC NAMES OF ALGAE

CODE	NAME	GROUP	EQUIVALENT
AMPHR	AMPHORA OVALIS	DIATOM	
ANABS	ANABAENA SP.	BLUE-GREEN	12-15 = 1
ANACR	ANABAENA CIRCINALIS	BLUE-GREEN	12-15 = 1
ANACU	ANABAENA FLOS-AQUAE	BLUE-GREEN	12-15 = 1
ANALV	ANABAENA LEVANDERI	BLUE-GREEN	12-15 = 1
ANASP	ANABAENA SPIROIDES	BLUE-GREEN	12-15 = 1
ANAST	ANABAENA AFFINIS	BLUE-GREEN	12-15 = 1
ANKLG	ANKISTRODESMUS FALCATUS	GREEN	
ANKSP	ANKISTRODESMUS SPIRALIS	GREEN	
APHAZ	APHANIZOMENON FLOS-AQUAE	BLUE-GREEN	10-12 = 1
APHMC	APHANOTHECE MICROSCOPICA	BLUE-GREEN	10-15 = 1
APHNI	APHANOTHECE NIDULANS	BLUE-GREEN	10-15 = 1
ASTRI	ASTERIONELLA FORMOSA	DIATOM	
BOTRY	BOTRYOCOCCUS BRAUNII	GREEN	1 COLONY (50) = 1
CERAT	CERATIUM HIRUNDINELLA	PHYTOFLAGELLATE	
CHLMY	CHLAMYDOMONAS SP.	GREEN, PHYTOFLAGELLATE	
CHMLL	CHROMULINA SPP.	PHYTOFLAGELLATE	
CHRCC	CHROOCOCCUS DISPERSUS	BLUE-GREEN	
CHRML	CRYPTOMONAS OVATA	PHYTOFLAGELLATE	
CLADO	CLADOPHORA SP.	GREEN	
CLOST	CLOSTERIUM SP.	GREEN	
COCCN	COCCONEIS SP.	DIATOM	
COELK	COELOSPHAERIUM NAEGELIANUM	BLUE-GREEN	10-12 = 1
CRUCI	CRUCIGENIA RECTANGULARIS	GREEN	4 = 1
CRUCQ	CRUCIGENIA QUADRATA	GREEN	4 = 1
CYCKU	CYCLOTELLA MICHIGANIANA	DIATOM	
CYCMH	CYCLOTELLA MENEGHINIANA	DIATOM	
CYMBL	CYMBELLA SP.	DIATOM	
DCTYL	DACTYLOCOCCOPSIS FASCICULARIS	BLUE-GREEN	
DICTB	CHROOCOCCUS LIMNETICUS	BLUE-GREEN	2 = 1
DICTY	DICTYOSPHAERIUM PULCHELLUM	GREEN	10-12 = 1
DINOB	DINOBRYON SERTULARIA	PHYTOFLAGELLATE	
ELAKA	ELAKATOTHRIX GELATINOSA	GREEN	
FRAGA	FRAGILARIA ARCUS	DIATOM	
FRAGC	FRAGILARIA CROTONENSIS	DIATOM	
FRAGL	FRAGILARIA LEPTOSTAURON	DIATOM	
FRANC	FRANCEIA SP.	GREEN	
GNMSP	GONIUM PECTORALE	GREEN, PHYTOFLAGELLATE	8 = 1
GONMS	GONIUM SOCIALE	GREEN, PHYTOFLAGELLATE	4 = 1
KIRCH	KIRCHNERIELLA SP.	GREEN	
LYNGC	LYNGBYA CONTORTA	BLUE-GREEN	10-15 = 1
LYNGL	LYNGBYA LIMNETICA	BLUE-GREEN	10-15 = 1
MALLO	MALLOMONAS ALPINA	PHYTOFLAGELLATE	
MELOL	MELOSIRA GRANULATA	DIATOM	
MELOM	MELOSIRA ISLANDICA	DIATOM	
MELOS	MELOSIRA ITALICA	DIATOM	
MERIS	MERISMOPEDIA SP.	BLUE-GREEN	16 = 1
MICRY	MICROCYSTIS AERUGINOSA	BLUE-GREEN	10-15 = 1
MLSPP	MELOSIRA SPP.	DIATOM	
MUGEO	MOUGEOTIA SPP.	GREEN	
NAVIC	NAVICULA SP.	DIATOM	
NEPHR	NEPHROCYTIUM SP.	GREEN	
NTZCH	NITZSCHIA SP.	DIATOM	
OOCYS	OOCYSTIS SPP.	GREEN	
OSCIL	OSCILLATORIA SP.	BLUE-GREEN	12-15 = 1
OSCLA	OSCILLATORIA ACUTISSIMA	BLUE-GREEN	12-15 = 1
OSCLS	OSCILLATORIA LIMNETICA	BLUE-GREEN	12-15 = 1
OSCLT	OSCILLATORIA TENUIS	BLUE-GREEN	12-15 = 1

PANDR	PANDORINA MORUM	GREEN, PHYTOFLAGELLATE	16 = 1
PERDP	PERIDINIUM PUSILLUM	PHYTOFLAGELLATE	
PERDS	GYMNODINIUM FUSCUM	PHYTOFLAGELLATE	
PERID	PERIDINIUM SP.	PHYTOFLAGELLATE	
PHACS	PHACUS SP.	PHYTOFLAGELLATE	
PINUL	PINNULARIA SP.	DIATOM	
PLATY	TETRASELMIS ELLIPTICA	GREEN, PHYTOFLAGELLATE	
RHIZO	RHIZOSOLENIA ERIENSIS	DIATOM	
RHOIC	RHOICOSPHENIA SP.	DIATOM	
SCENE	SCENEDESMUS SPP.	GREEN	
SCHRO	SCHRODERIA SP.	GREEN	
SPHAE	SPHAEROCYSTIS SP.	GREEN	8 = 1
SPNDL	SPONDYLOSIUM SP.	GREEN	
STAUR	STAURASTRUM SP.	GREEN	
STEPH	STEPHANODISCUS NIAGARAE	DIATOM	
STPHA	STEPHANODISCUS ASTRAEA	DIATOM	
STPHD	STEPHANODISCUS DUBIUS	DIATOM	
STPHS	STEPHANODISCUS SP.	DIATOM	
SYNCH	SYNECHOSYSTIS SP.	BLUE-GREEN	
SYNEL	SYNEDRA SP.(LARGE)	DIATOM	
SYNEM	SYNEDRA ACUS	DIATOM	
SYNES	SYNEDRA SP. (SMALL)	DIATOM	
TABEL	TABELLARIA SPP.	DIATOM	
TETSP	TETRASPORA SP.	GREEN	4 = 1
TRACH	TRACHELOMONAS VOLVOCINA	PHYTOFLAGELLATE	
ULOTH	FILAMENTOUS GREENS	GREEN	
UNKCH	BIFLAGELLATE CHRYSOPHYTE	PHYTOFLAGELLATE	

APPENDIX V. ALGAE RECORDED FOR OKANAGAN VALLEY LAKE SYSTEMS
MAY 1969 THROUGH APRIL 1970

D = dominant (counted): + = present (counted): # = present (not counted)

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS
Actinastrum sp.	#		#		
Amphora ovalis	+	#	+	#	+
Anabaena affinis	+	#	+	+	+
Anabaena circinalis	+	#	+	+	+
Anabaena flos-aquae	+	D	D	D	+
Anabaena levanderi	D	+	+	+	
Anabaena spiroides	+	+	#	+	#
Ankistrodesmus falcatus	+		+	+	+
Ankistrodesmus spiralis	+	+		+	
Aphanizomenon flos-aquae		+		+	D
Aphanothece microscopica	D	+	+	D	D
Aphanothece nidulans	D	+	D	+	+
Arthrodesmus sp.			#	#	
Asterionella formosa	+	D	D	D	D
Botryococcus braunii	#		#	D	+

APPENDIX V. - continued

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS
Campylodiscus sp.					#
Ceratium hirundiella	#	#	#	#	#
Chlamydomonas sp.	+		+	+	+
Chromulina spp.	+	+	+	#	
Chroococcus dispersus		+	+	+	+
Chroococcus limneticus	+		+		+
Chrysocapsa sp.(?)	#		#	#	#
Cladophora sp. (?)				#	#
Closterium spp.	+	+	+	#	+
Cocconeis sp.		+	#	+	+
Coelosphaerium naegelianum	+	+	+	+	+
Cosmarium spp.	#	#	#	#	
Crucigenia quadrata	+	#	+	+	+
Crucigenia rectangularis	+		+	+	+
Cryptomonas ovata	D	+	D	D	D
Cyclotella meneghiniana				+	+
Cyclotella michiganiana	+	+	+	+	+

APPENDIX V. - continued

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS
Cymbella spp.			#		#
Dactylococcopsis fascicularis		#	+	#	
Dictyosphaerium pulchellum	#		+	+	+
Dinobryon sertularia	+	D	+	D	+
Elakatothrix gelatinosa	+	+	+	+	+
Fragilaria crotonensis	+	D	D	D	+
Fragilaria leptostauron	+	+	+	+	+
Gonium pectorale	+	+	+	#	+
Gonium sociale	+	+	+	#	
Gymnodinium fuscum	+	+	+		
Gyrosigma sp.					#
Kirchneriella sp.	#		#	+	+
Lyngbya contorta	+	+	+	+	+
Lyngbya limnetica	+	D	D	+	D
Mallomonas alpina	#	+	+	+	+
Mastigloia sp.					#
Melosira granulata				+	+
Melosira islandica	+			+	D

APPENDIX V. - continued

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS
Melosira italica		D	+	+	+
Merismopedia spp.	#		#	#	+
Microcystis aeruginosa	+			#	+
Navicula spp.	+	#	+	+	+
Nephrocytium sp.	#	+	#	+	+
Nitzschia spp.				+	+
Ochromonas sp.			#		
Oocystis spp.	+	+	+	+	+
Oscillatoria sp.	D	#	+	+	+
Oscillatoria acutissima				+	
Oscillatoria limnetica	D	+	+	+	
Oscillatoria tenuis	D	+	+	#	
Pandorina morum	+	#	+	+	+
Peridinium pusillum	+	+	+	+	
Peridinium sp.	+	+	+	#	#
Pinnularia spp.					+
Quadrigula sp.				#	
Rhabdoderma lineare				#	#
Rhizosolenia eriensis		+	+	#	+

APPENDIX V. - continued

	WOODS	KALAMALKA	OKANAGAN	SKAHA	OSOYOOS
Rhoicosphenia sp.			+	#	#
Scenedesmus bijuga			#		#
Schroderia sp.			#	+	+
Sphaerocystis schroeteri	+	+	+	+	+
Spirogyra spp.				#	
Spondylosium sp.	#		#	+	+
Staurastrum spp.	+	+	+	+	+
Stephanodiscus astraea	#			+	
Stephanodiscus dubius				+	
Stephanodiscus niagarae	+	+	+	+	+
Surirella sp.					#
Synechocystis sp.			+	+	+
Synedra acus	+	D	+	+	D
Synedra sp. (large)	+	+	#	#	+
Synedra sp. (small)		+	#		
Tabellaria spp.		+	+	+	+
Tetraselmis elliptica	+	#	#	#	+
Tetraspora sp.	+	+	+	#	#
Trachelomonas volvocina	+		#	+	
filamentous greens	+	+	+	+	+
biflagellate chrysophyte	+	+	+	+	#

WOODS LAKE TEMPERATURE DEGREES CENTIGRADE

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	22.8	21.0	19.0	18.2						
10	21.5	21.0	19.1	17.5						
20	19.0	20.2	19.1	17.1						
40	7.5	9.0	8.0	9.0						
60	5.0	5.0	6.0	5.0						

TOTAL = 290.09 AVERAGE = 14.50
MINIMUM = 5.00 ON DATE 7/28 AT DEPTH 60
MAXIMUM = 22.80 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	22.8	21.0	19.5	18.0						
10	22.0	21.0	19.5	17.5						
20	19.8	19.0	19.5	17.4						
40	7.5	8.0	10.0	9.8						
60	5.0	5.0	5.5	5.0						

TOTAL = 292.89 AVERAGE = 14.64
MINIMUM = 5.00 ON DATE 7/28 AT DEPTH 60
MAXIMUM = 22.80 ON DATE 7/28 AT DEPTH 00

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	21.5	21.0	19.0	18.0	11.3	6.6	3.2		3.6	8.0
10	21.0	20.2	19.0	17.4	11.1	6.7	4.3		3.0	6.5
20	18.2	19.8	18.5	17.0	11.0	6.7	3.5		2.8	5.0
40	6.5	11.0	10.0	9.0	10.7	6.7	3.6		2.6	4.4
60	4.5	5.8	5.5	5.0	6.0	5.6	3.6		2.6	4.0

TOTAL = 431.22 AVERAGE = 9.58
MINIMUM = 2.60 ON DATE 3/26 AT DEPTH 40
MAXIMUM = 21.50 ON DATE 7/28 AT DEPTH 00

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	22.0	20.0	19.0	17.5						
10	21.0	19.8	19.0	17.2						
20	18.2	19.0	19.0	17.0						
40	7.0	10.5	10.0	8.2						
60	5.0	5.7	5.5	5.0						

TOTAL = 285.69 AVERAGE = 14.28
MINIMUM = 5.00 ON DATE 7/28 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 7/28 AT DEPTH 00

WOODS LAKE DISSOLVED OXYGEN MG PER L
(AT 20 DEGREES C SATURATION EQUAL 9 MG PER L
AT 10 DEGREES C SATURATION EQUAL 10.9 MG PER L)
WOODS LAKE

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.1	9.1	9.6	6.8						
10	9.1	9.2	9.2	6.6						
20	9.0	9.1	9.2	6.7						
40	6.4	5.8	4.9	5.3						
60	6.4	5.6	5.5	3.6						

TOTAL = 152.49 AVERAGE = 7.62
MINIMUM = 3.60 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 9.60 ON DATE 8/27 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.1	9.1	8.6	9.0						
10	9.1	9.2	9.0	9.0						
20	9.2	9.3	8.9	9.0						
40	6.4	5.2	5.4	4.8						
60	6.2	4.9	4.6	4.8						

TOTAL = 150.69 AVERAGE = 7.54
MINIMUM = 4.60 ON DATE 8/27 AT DEPTH 60
MAXIMUM = 9.30 ON DATE 8/11 AT DEPTH 20

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.4	8.1	8.2	6.4	9.3	8.0	9.8		11.8	10.9
10	9.4	8.3	7.8	6.4	8.9	7.9	9.8		10.9	12.2
20	8.9	8.5	7.8	6.4	8.9	7.8	9.4		11.2	12.4
40	6.7	5.1	6.1	4.1	8.0	7.7	9.1		11.1	12.2
60	6.0	5.0	4.6	4.1		6.1	8.8		11.1	11.9

TOTAL = 378.71 AVERAGE = 8.60
MINIMUM = 4.10 ON DATE 9/8 AT DEPTH 40
MAXIMUM = 12.40 ON DATE 4/20 AT DEPTH 20

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.4	8.8	8.9	3.4						
10	9.4	8.8	8.7	6.6						
20	8.7	9.3	8.5	6.5						
40	6.0	5.8	5.0	4.0						
60	6.4	5.0	5.1	3.8						

TOTAL = 147.19 AVERAGE = 7.35
MINIMUM = 3.80 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 9.40 ON DATE 7/28 AT DEPTH 00

WOODS LAKE ELECTRICAL CONDUCTIVITY MICROMHOS

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	190.	160.	155.	150.						
10	180.	160.	155.	150.						
20	180.	150.	155.	150.						
40	160.	140.	150.	140.						
60	145.	140.	140.	130.						

TOTAL = 3080.09 AVERAGE = 154.00
MINIMUM = 130.00 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 190.00 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	180.	160.	160.	155.						
10	170.	160.	160.	155.						
20	180.	155.	160.	150.						
40	155.	150.	155.	150.						
60	145.	135.	145.	135.						

TOTAL = 3115.09 AVERAGE = 155.75
MINIMUM = 135.00 ON DATE 8/11 AT DEPTH 60
MAXIMUM = 180.00 ON DATE 7/28 AT DEPTH 00

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	155.	140.	140.	130.	243.	230.	211.		227.	296.
10	130.	140.	140.	130.	243.	231.	207.		228.	295.
20	150.	140.	140.	135.	244.	230.	209.		231.	281.
40	140.	130.	140.	130.	244.	230.	208.		236.	275.
60	135.	135.	130.	125.	254.	229.	213.		234.	274.

TOTAL = 8736.21 AVERAGE = 194.13
MINIMUM = 125.00 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 296.00 ON DATE 4/20 AT DEPTH 00

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	180.	150.	150.	140.						
10	170.	150.	150.	140.						
20	170.	150.	150.	140.						
40	155.	140.	145.	135.						
60	150.	135.	130.	125.						

TOTAL = 2955.09 AVERAGE = 147.75
MINIMUM = 125.00 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 180.00 ON DATE 7/28 AT DEPTH 00

WOODS LAKE — TOTAL RESIDUE MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	165.	186.	180.	186.						
10	174.	155.	182.	192.						
20	154.	159.	190.	178.						
40	174.	178.	202.	202.						
60	150.	184.	204.	194.						

TOTAL = 3589.09 AVERAGE = 179.45
MINIMUM = 150.00 ON DATE 7/28 AT DEPTH 60
MAXIMUM = 204.00 ON DATE 8/27 AT DEPTH 60

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	140.	160.	176.	193.						
10	185.	173.	191.	170.						
20	190.	185.	195.	190.						
40	187.	160.	198.	208.						
60	217.	173.	209.	208.						

TOTAL = 3708.09 AVERAGE = 185.40
MINIMUM = 140.00 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 217.00 ON DATE 7/28 AT DEPTH 60

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	129.	160.	198.	183.	216.	194.	200.		202.	193.
10	182.	96.	200.	201.	206.	196.	202.		210.	214.
20	176.	69.	198.	199.	209.	201.	203.		213.	221.
40	224.	187.	206.	212.	213.	194.	193.			199.
60	204.	166.	212.	211.	218.	204.	191.		206.	202.

TOTAL = 8513.21 AVERAGE = 193.48
MINIMUM = 69.00 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 224.00 ON DATE 7/28 AT DEPTH 40

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	114.	156.	192.	195.						
10	158.	160.	197.	185.						
20	167.	163.	191.	191.						
40	163.	163.	207.	209.						
60	149.	165.	208.	220.						

TOTAL = 3553.09 AVERAGE = 177.65
MINIMUM = 114.00 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 220.00 ON DATE 9/8 AT DEPTH 60

WOODS LAKE — VOLATILE SOLIDS MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	77.0	73.0	56.0	72.0						
10	58.0	62.0	66.0	68.0						
20	65.0	63.0	74.0	64.0						
40	55.0	69.0	61.0	51.0						
60	58.0	65.0	72.0	57.0						

TOTAL = 1286.09 AVERAGE = 64.30
MINIMUM = 51.00 ON DATE 9/8 AT DEPTH 40
MAXIMUM = 77.00 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	28.0	64.0	56.0	63.0						
10	51.0	56.0	69.0	54.0						
20	46.0	34.0	57.0	51.0						
40	65.0	54.0	73.0	70.0						
60	61.0	62.0	68.0	70.0						

TOTAL = 1152.09 AVERAGE = 57.60
MINIMUM = 28.00 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 73.00 ON DATE 8/27 AT DEPTH 40

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	42.0	59.0	74.0	65.0	53.0	67.0	80.0			58.0
10	60.0	31.0	78.0	54.0	69.0	65.0	77.0			70.0
20	69.0	29.0	85.0	69.0	66.0	64.0	80.0			54.0
40	60.0	67.0	85.0	73.0	63.0	63.0	65.0			71.0
60	59.0	52.0	78.0	64.0	66.0	73.0	70.0			67.0

TOTAL = 2596.19 AVERAGE = 64.90
MINIMUM = 29.00 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 85.00 ON DATE 8/27 AT DEPTH 20

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	52.0	55.0	76.0	58.0						
10	64.0	55.0	78.0	60.0						
20	63.0	65.0	71.0	62.0						
40	48.0	52.0	72.0	73.0						
60	52.0	56.0	66.0	60.0						

TOTAL = 1238.09 AVERAGE = 61.90
MINIMUM = 48.00 ON DATE 7/28 AT DEPTH 40
MAXIMUM = 78.00 ON DATE 8/27 AT DEPTH 10

WOODS LAKE — PH METER READINGS

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.5	9.3	9.3	9.1						
10	9.5	9.2	9.3	9.1						
20	9.4	9.2	9.3	9.1						
40	8.5	8.3	8.5	8.5						
60	8.4	8.2	8.3	8.0						

TOTAL = 178.09 AVERAGE = 8.90
MINIMUM = 8.00 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 9.50 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.5	9.3	9.4	9.1						
10	9.5	9.2	9.4	9.1						
20	9.4	9.2	9.4	9.1						
40	8.4	8.4	8.8	8.5						
60	8.4	8.2	8.3	8.1						

TOTAL = 178.79 AVERAGE = 8.93
MINIMUM = 8.10 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 9.50 ON DATE 7/28 AT DEPTH 00

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.5	9.3	9.4	9.1	8.8	8.3	8.3		8.5	8.5
10	9.5	9.2	9.3	9.1	8.8	8.3	8.3		8.5	8.5
20	9.4	9.2	9.3	9.1	8.6	8.3	8.2		8.5	8.5
40	8.5	8.2	8.7	8.2	8.8	8.3	8.2		8.5	8.5
60	8.4	8.1	8.3	8.0	7.9	8.3	8.2		8.4	8.5

TOTAL = 388.72 AVERAGE = 8.63
MINIMUM = 7.90 ON DATE 10/22 AT DEPTH 60
MAXIMUM = 9.50 ON DATE 7/28 AT DEPTH 00

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00	9.5	9.3	9.3	9.2						
10	9.5	9.3	9.3	9.1						
20	9.4	9.3	9.3	9.1						
40	8.4	8.4	8.6	8.3						
60	8.3	8.2	8.3	8.1						

TOTAL = 178.29 AVERAGE = 8.91
MINIMUM = 8.10 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 9.50 ON DATE 7/28 AT DEPTH 00

WOODS LAKE BICARBONATE ION MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						68.	75.	115.	129.						
10						79.	90.	107.	118.						
20						93.	90.	130.	118.						
40						125.	94.	133.	155.						
60						120.	89.	148.	137.						

TOTAL = 2213.09 AVERAGE = 110.65
MINIMUM = 68.00 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 155.00 ON DATE 9/8 AT DEPTH 40

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						62.	65.	111.	124.						
10						83.	69.	112.	110.						
20						69.	48.	100.	116.						
40						84.	59.	131.	134.						
60						134.	83.	134.	145.						

TOTAL = 1973.09 AVERAGE = 98.65
MINIMUM = 48.00 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 145.00 ON DATE 9/8 AT DEPTH 60

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						70.	77.	104.	127.	126.	131.			160.	131.
10						118.	47.	126.	130.	116.	146.	139.		150.	137.
20						106.	33.	110.	120.	100.	120.	149.		152.	135.
40						148.	103.	126.	137.	121.	143.	160.		152.	131.
60						131.	93.	137.	153.	146.	146.	141.		151.	130.

TOTAL = 5509.21 AVERAGE = 125.20
MINIMUM = 33.00 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 160.00 ON DATE 3/26 AT DEPTH 00

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						128.	65.	99.	126.						
10						131.	86.	107.	116.						
20						114.	86.	113.	125.						
40						154.	85.	137.	137.						
60						157.	79.	143.	162.						

TOTAL = 2350.09 AVERAGE = 117.50
MINIMUM = 65.00 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 162.00 ON DATE 9/8 AT DEPTH 60

WOODS LAKE CARBONATE ION MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						10.8	7.8	5.1	3.9						
10						10.8	4.2	9.0	4.5						
20						10.8	4.5	6.0	5.4						
40						8.4	3.9	4.5	0.0						
60						1.8	6.6	4.5	3.0						

TOTAL = 112.59 AVERAGE = 5.62
MINIMUM = 0.00 ON DATE 9/8 AT DEPTH 40
MAXIMUM = 10.80 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						10.8	9.6	6.0	1.2						
10						13.2	9.0	9.0	4.2						
20						11.4	4.5	12.0	2.4						
40						12.0	1.2	1.5	0.6						
60						6.0	3.0	1.5	0.6						

TOTAL = 119.79 AVERAGE = 5.98
MINIMUM = 0.60 ON DATE 9/8 AT DEPTH 40
MAXIMUM = 13.20 ON DATE 7/28 AT DEPTH 10

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						9.0	9.3	8.1	1.2	3.6	1.8	6.0		6.6	8.4
10						9.6	4.8	3.6	0.9	3.6	1.5	3.3		0.0	8.6
20						10.8	4.5	6.0	1.6	5.1	3.0	2.4		0.0	6.2
40						4.8	0.0	3.6	0.0	4.2	0.0	0.0		0.6	13.7
60						18.0	6.3	3.0	0.0	2.4	0.0	6.0		0.6	13.9

TOTAL = 207.02 AVERAGE = 4.60
MINIMUM = 0.00 ON DATE 3/26 AT DEPTH 10
MAXIMUM = 18.00 ON DATE 7/28 AT DEPTH 60

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						9.0	9.9	6.0	1.5						
10						9.6	7.2	7.2	3.6						
20						21.6	7.2	5.4	1.5						
40						16.4	8.7	1.2	0.6						
60						19.8	10.5	1.5	0.0						

TOTAL = 148.49 AVERAGE = 7.42
MINIMUM = 0.00 ON DATE 9/8 AT DEPTH 60
MAXIMUM = 21.60 ON DATE 7/28 AT DEPTH 20

WOODS LAKE CALCIUM ION MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						12.0	10.4	14.4	12.0						
10						16.0	12.0	16.0	19.2						
20						16.0	12.8	16.0	20.8						
40						19.2	13.6	17.6	27.2						
60						18.4	14.4	17.6	28.8						

TOTAL = 334.49 AVERAGE = 16.72
MINIMUM = 10.40 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 28.80 ON DATE 9/8 AT DEPTH 60

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						21.6	12.2	17.6	22.4						
10						20.8	11.4	12.8	19.2						
20						20.8	13.1	9.6	19.2						
40						20.0	13.9	14.4	17.6						
60						22.4	17.1	19.2	21.6						

TOTAL = 346.99 AVERAGE = 17.34
MINIMUM = 9.60 ON DATE 8/27 AT DEPTH 20
MAXIMUM = 22.40 ON DATE 9/8 AT DEPTH 00

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						23.2	12.2	15.2	18.4	20.0	19.2	23.2		22.6	20.0
10						23.2	11.4	15.2	26.4	20.0	20.8	25.6		26.4	19.2
20						22.4	31.0	14.4	20.0	17.6	23.2	27.2		24.8	21.7
40						18.4	12.2	12.8	23.2	20.8	17.6	25.6		23.2	19.2
60						23.2	11.4	19.2	27.2	27.2	23.2	27.0		27.2	20.0

TOTAL = 943.32 AVERAGE = 20.96
MINIMUM = 11.40 ON DATE 8/11 AT DEPTH 10
MAXIMUM = 31.00 ON DATE 8/11 AT DEPTH 20

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						25.6	9.8	12.0	20.0						
10						14.4	13.1	15.2	22.4						
20						24.8	12.2	14.4	20.8						
40						21.6	13.9	19.2	24.8						
60						20.8	9.8	18.4	30.4						

TOTAL = 363.69 AVERAGE = 18.18
MINIMUM = 9.80 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 30.40 ON DATE 9/8 AT DEPTH 60

WOODS LAKE CHLORIDE ION MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	2.6	3.0	3.3	3.1					
10	3.0	2.7	3.2	3.0					
20	2.7	2.9	3.1	2.8					
40	3.0	2.9	3.3	3.1					
60	3.1	2.9	3.3	3.0					

TOTAL = 60.09 AVERAGE = 3.00
MINIMUM = 2.60 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 3.30 ON DATE 8/27 AT DEPTH 00

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	2.8	2.9	3.3	3.0					
10	2.6	3.0	3.2	3.1					
20	2.9	2.9	3.2	3.0					
40	2.9	3.2	3.5	2.9					
60	3.1	3.0	3.3	3.2					

TOTAL = 61.09 AVERAGE = 3.05
MINIMUM = 2.60 ON DATE 7/28 AT DEPTH 10
MAXIMUM = 3.50 ON DATE 8/27 AT DEPTH 40

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	2.9	2.9	2.9	3.1	3.2	3.2	3.1	3.1	2.8
10	3.0	3.1	3.1	3.0	3.4	3.3	3.0	3.2	2.7
20	3.0	3.1	2.9	3.0	3.1	3.2	3.0	3.3	2.6
40	2.8	3.0	3.0	3.0	3.2	3.2	3.0	3.2	2.7
60	2.8	3.0	3.0	3.1	3.2	3.2	3.2	3.3	2.8

TOTAL = 137.12 AVERAGE = 3.04
MINIMUM = 2.60 ON DATE 4/20 AT DEPTH 20
MAXIMUM = 3.40 ON DATE 10/22 AT DEPTH 10

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	3.0	3.1	3.0	3.0					
10	3.0	3.0	3.0	2.9					
20	3.1	3.2	3.1	3.1					
40	3.1	2.9	3.0	3.0					
60	3.0	3.1	3.1	3.1					

TOTAL = 60.89 AVERAGE = 3.04
MINIMUM = 2.90 ON DATE 9/8 AT DEPTH 10
MAXIMUM = 3.20 ON DATE 8/11 AT DEPTH 20

WOODS LAKE MAGNESIUM ION MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	11.8	18.6	19.0	19.0					
10	21.2	18.8	19.4	19.0					
20	17.5	19.4	20.0	18.6					
40	18.0	20.2	20.6	19.6					
60	20.2	20.6	20.7	19.9					

TOTAL = 382.19 AVERAGE = 19.10
MINIMUM = 11.80 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 21.20 ON DATE 7/28 AT DEPTH 10

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	15.6	18.4	17.2	19.1					
10	17.6	18.2	18.5	18.8					
20	18.4	18.4	14.4	18.6					
40	20.0	19.4	14.0	19.3					
60	21.0	19.2	20.3	19.7					

TOTAL = 366.19 AVERAGE = 18.30
MINIMUM = 14.00 ON DATE 8/27 AT DEPTH 40
MAXIMUM = 21.00 ON DATE 7/28 AT DEPTH 60

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	17.4	18.2	20.4	18.8	18.8	16.4	21.0	19.0	14.4
10	18.6	18.6	18.4	19.6	19.2	16.8	20.6	19.0	14.3
20	18.4	18.6	18.0	18.6	18.8	21.2	21.2	19.1	19.0
40	20.2	11.2	18.6	19.5	19.1	14.3	21.3	19.1	17.2
60	20.6	13.2	19.2	19.8	19.6	19.9	21.4	19.6	16.8

TOTAL = 832.02 AVERAGE = 18.48
MINIMUM = 11.20 ON DATE 8/11 AT DEPTH 40
MAXIMUM = 21.40 ON DATE 12/17 AT DEPTH 60

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	18.6	11.4	17.8	19.0					
10	18.6	12.6	18.2	19.0					
20	15.8	10.8	18.0	19.0					
40	20.6	11.6	18.0	19.7					
60	20.2	14.6	18.8	19.8					

TOTAL = 345.19 AVERAGE = 17.25
MINIMUM = 10.80 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 20.60 ON DATE 7/28 AT DEPTH 40

WOODS LAKE SILICATE ION (SIO2) MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	1.2	1.0	1.5	1.2					
10	1.3	1.0	1.3	1.0					
20	1.2	1.0	1.6	1.3					
40	1.5	1.4	2.2	1.8					
60	2.1	2.7	2.7	3.4					

TOTAL = 32.49 AVERAGE = 1.62
MINIMUM = 1.00 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 3.40 ON DATE 9/8 AT DEPTH 60

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	1.3	1.1	1.5	1.3					
10	1.2	1.1	1.5	1.3					
20	1.2	1.1	1.3	1.2					
40	1.5	1.5	1.9	1.7					
60	2.2	2.0	2.3	2.6					

TOTAL = 30.89 AVERAGE = 1.54
MINIMUM = 1.10 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 2.60 ON DATE 9/8 AT DEPTH 60

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	0.8	1.1	1.5	1.3	1.9	3.2	3.4	3.7	3.4
10	1.0	1.2	1.5	1.3	1.8	3.0	3.4	3.7	3.6
20	1.0	1.1	1.4	1.5	1.7	3.3	3.4	3.7	3.6
40	1.5	1.5	1.7	1.9	1.7	3.3	3.5	3.9	3.6
60	2.9	2.2	2.5	2.8	3.3	3.4	3.5	3.7	4.3

TOTAL = 113.32 AVERAGE = 2.51
MINIMUM = 0.80 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 4.30 ON DATE 4/20 AT DEPTH 60

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	1.2	1.3	1.4	1.2					
10	1.2	1.1	1.4	1.3					
20	1.2	1.4	1.4	1.3					
40	1.9	1.6	1.6						
60	2.1	2.0	2.2	3.1					

TOTAL = 29.99 AVERAGE = 1.57
MINIMUM = 1.10 ON DATE 8/11 AT DEPTH 10
MAXIMUM = 3.10 ON DATE 9/8 AT DEPTH 60

WOODS LAKE SULPHATE ION MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00							28.		29.						
10							28.		30.						
20							28.		32.						
40							29.		30.						
60									30.						

TOTAL = 264.04 AVERAGE = 29.33
MINIMUM = 28.00 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 32.00 ON DATE 9/8 AT DEPTH 20

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00							29.		29.						
10							27.		29.						
20							29.		29.						
40							30.		29.						
60							30.		31.						

TOTAL = 292.04 AVERAGE = 29.20
MINIMUM = 27.00 ON DATE 8/11 AT DEPTH 10
MAXIMUM = 31.00 ON DATE 9/8 AT DEPTH 60

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00							26.		29.		29.				59.
10							22.		28.		28.				59.
20							19.		28.		28.				58.
40							33.		29.		28.				57.
60							31.		30.		27.				57.

TOTAL = 705.09 AVERAGE = 35.25
MINIMUM = 19.00 ON DATE 8/11 AT DEPTH 20
MAXIMUM = 59.00 ON DATE 4/20 AT DEPTH 00

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00							31.		28.						
10							29.		29.						
20							34.		28.						
40							32.								
60							31.		30.						

TOTAL = 272.04 AVERAGE = 30.22
MINIMUM = 28.00 ON DATE 9/8 AT DEPTH 00
MAXIMUM = 34.00 ON DATE 8/11 AT DEPTH 20

WOODS LAKE AMMONIA-NITROGEN MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.08	0.06	0.06	0.06						
10						0.07	0.05	0.07	0.05						
20						0.07	0.08	0.05	0.05						
40						0.07	0.06	0.05	0.05						
60						0.08	0.05	0.05	0.05						

TOTAL = 1.30 AVERAGE = 0.06
MINIMUM = 0.05 ON DATE 8/11 AT DEPTH 10
MAXIMUM = 0.08 ON DATE 7/28 AT DEPTH 00

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.05	0.10	0.05	0.04						
10						0.05	0.07	0.05	0.06						
20						0.05	0.06	0.05	0.06						
40						0.04	0.07	0.05	0.06						
60						0.04	0.07	0.05	0.06						

TOTAL = 1.22 AVERAGE = 0.06
MINIMUM = 0.04 ON DATE 9/8 AT DEPTH 00
MAXIMUM = 0.10 ON DATE 8/11 AT DEPTH 00

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.08	0.07	0.06	0.05	0.06	0.07	0.08		0.05	0.04
10						0.05	0.06	0.06	0.06	0.06	0.07	0.08		0.05	0.04
20						0.04	0.05	0.07	0.07	0.05	0.07	0.08		0.05	0.04
40						0.05	0.06	0.06	0.06	0.06	0.07	0.08		0.05	0.04
60						0.05	0.05	0.06	0.05	0.05	0.07	0.08			0.04

TOTAL = 2.80 AVERAGE = 0.06
MINIMUM = 0.04 ON DATE 4/20 AT DEPTH 00
MAXIMUM = 0.08 ON DATE 7/28 AT DEPTH 00

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.05	0.06	0.06	0.06						
10						0.05	0.05	0.06	0.06						
20						0.05	0.05	0.06	0.08						
40						0.04	0.05	0.06	0.06						
60						0.04	0.05	0.05	0.05						

TOTAL = 1.18 AVERAGE = 0.05
MINIMUM = 0.04 ON DATE 7/28 AT DEPTH 40
MAXIMUM = 0.08 ON DATE 9/8 AT DEPTH 20

WOODS LAKE NITRATE-NITROGEN MG PER L

STATION 1

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.01		0.01	0.02						
10						0.01		0.02	0.04						
20						0.02		0.02	0.02						
40						0.04		0.04	0.03						
60						0.08		0.16	0.20						

TOTAL = 0.79 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 0.20 ON DATE 9/8 AT DEPTH 60

STATION 2

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.02	0.01	0.02	0.02						
10						0.02	0.02	0.02	0.02						
20						0.02	0.02	0.02	0.03						
40						0.05	0.03	0.03	0.02						
60						0.12	0.14	0.12	0.14						

TOTAL = 0.98 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 8/11 AT DEPTH 60

STATION 3

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.02	0.02	0.02	0.03	0.02	0.04	0.04		0.02	0.02
10						0.02	0.02	0.02	0.05	0.02	0.03	0.05		0.02	0.01
20						0.02	0.01	0.02	0.03	0.02	0.02	0.05		0.02	0.01
40						0.04	0.02	0.02	0.03	0.02	0.02	0.05		0.02	0.02
60						0.16	0.09	0.15	0.19	0.09	0.03	0.05		0.02	0.01

TOTAL = 1.92 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 4/20 AT DEPTH 10
MAXIMUM = 0.19 ON DATE 9/8 AT DEPTH 60

STATION 4

DEPTH	/	/	/	/	/	7/28	8/11	8/27	9/8	10/22	11/21	12/17	/	3/26	4/20
00						0.02	0.01	0.02	0.02						
10						0.02	0.01	0.02	0.02						
20						0.02	0.01	0.02	0.02						
40						0.05	0.01	0.02	0.04						
60						0.09	0.09	0.14	0.18						

TOTAL = 0.92 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 0.18 ON DATE 9/8 AT DEPTH 60

WOODS LAKE TOTAL PHOSPHATE MG PER L

STATION 1

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	0.08	0.03	0.04	0.03					
10	0.03	0.04	0.09	0.03					
20	0.06	0.04	0.05	0.05					
40	0.08	0.10	0.10	0.06					
60	0.13	0.20	0.30	0.19					

TOTAL = 1.82 AVERAGE = 0.09
MINIMUM = 0.03 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 0.30 ON DATE 8/27 AT DEPTH 60

STATION 2

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	0.06	0.02	0.06	0.05					
10	0.05	0.04	0.08	0.04					
20	0.07	0.06	0.07	0.05					
40	0.08	0.06	0.08	0.06					
60	0.17	0.32	0.25	0.12					

TOTAL = 1.68 AVERAGE = 0.09
MINIMUM = 0.02 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 0.32 ON DATE 8/11 AT DEPTH 60

STATION 3

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	0.10	0.07	0.03	0.04	0.07	0.28	0.19	0.16	0.19
10	0.07	0.06	0.04	0.04	0.05	0.25	0.26	0.19	0.17
20	0.05	0.07	0.06	0.04	0.06	0.20	0.26	0.18	0.17
40	0.17	0.05	0.08	0.06	0.06	0.23	0.29	0.25	0.26
60	0.23	0.18	0.25	0.17	0.31	0.25	0.28	0.24	0.17

TOTAL = 7.10 AVERAGE = 0.15
MINIMUM = 0.03 ON DATE 8/27 AT DEPTH 00
MAXIMUM = 0.31 ON DATE 10/22 AT DEPTH 60

STATION 4

DEPTH	7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
00	0.05	0.05	0.09	0.05					
10	0.08	0.06	0.06	0.04					
20	0.06	0.06	0.07	0.05					
40	0.09	0.05	0.08	0.06					
60	0.19	0.24	0.23	0.19					

TOTAL = 1.94 AVERAGE = 0.09
MINIMUM = 0.04 ON DATE 9/8 AT DEPTH 10
MAXIMUM = 0.24 ON DATE 8/11 AT DEPTH 60

WOODS LAKE TURBIDITY IN FEET OF DEPTH

STATION 3

7/28	8/11	8/27	9/8	10/22	11/21	12/17	3/26	4/20
10.0	11.0	12.0	13.5	9.0	8.5	10.0	9.0	15.0

69 '70

STATION W3	5/13	6/ 5	6/19	7/ 1	7/14	7/28	8/11	8/27	9/ 8	10/22	11/21	12/17	2/18	3/26	4/20
TOTAL PHYTOPLANKTON															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1245	247	865	820	2461	1544	1542	NNNNN	2311	2884
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1306	637	461	559	2918	1123	1216	NNNNN	1460	2808
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1806	1169	599	967	2479	1060	1136	NNNNN	2555	2717
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2957	1380	2040	2166	3112	1573	1475	NNNNN	2670	1113
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	460	1239	1990	1006	1300	1411	823	NNNNN	2582	966
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7774	4672	5955	5518	12270	6711	6192	NNNNN	11578	10488
TOTAL BLUEGREENS															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1070	216	845	748	2390	1533	1532	NNNNN	2150	2290
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1115	542	449	468	2866	1099	1200	NNNNN	1325	2080
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1585	1068	584	915	2458	1037	1101	NNNNN	2413	1676
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2616	1214	2031	2131	3082	1571	1447	NNNNN	2542	580
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	380	1081	1962	966	1285	1378	814	NNNNN	2463	728
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6766	4121	5871	5228	12081	6618	6094	NNNNN	10893	7354
TOTAL GREENS															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	111	6	9	43	46	4	6	NNNNN	4	71
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	126	36	6	37	31	20	12	NNNNN	4	129
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	156	53	10	30	13	21	29	NNNNN	9	115
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	288	82	4	22	21	1	20	NNNNN	0	12
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	74	87	19	32	11	24	5	NNNNN	0	0
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	755	264	48	164	122	70	72	NNNNN	17	327
TOTAL DIATOMS															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	14	19	2	5	1	1	1	NNNNN	76	210
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	21	28	2	16	5	2	2	NNNNN	80	225
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	19	28	1	9	1	1	3	NNNNN	85	213
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	22	70	4	5	3	0	7	NNNNN	114	79
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3	57	2	0	4	1	1	NNNNN	105	91
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	79	202	11	35	14	5	14	NNNNN	460	818
TOTAL PHYTOFLAGELLATES															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	50	6	9	24	24	6	3	NNNNN	80	306
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	44	31	4	38	16	2	2	NNNNN	51	374
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	46	20	4	13	7	1	3	NNNNN	47	713
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	31	14	1	8	6	1	1	NNNNN	14	442
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3	14	7	8	0	8	3	NNNNN	14	144
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	174	85	25	91	53	18	12	NNNNN	206	1979
TOTAL DOMINANTS															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	931	127	840	721	2381	1531	1527	NNNNN	2229	2596
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	980	463	448	446	2856	1089	1201	NNNNN	1376	2414
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1365	838	573	901	2454	1028	1098	NNNNN	2460	2326
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2560	1154	2019	2127	3067	1562	1435	NNNNN	2555	1020
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	301	1084	1962	965	1283	1369	805	NNNNN	2477	871
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6137	3666	5842	5160	12041	6579	6066	NNNNN	11097	9227
ANALV															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	181	10	16	26	26	13	6	NNNNN	0	0
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	170	37	8	20	56	5	9	NNNNN	0	0
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	442	31	15	45	27	5	4	NNNNN	0	0
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0	42	71	66	58	2	0	NNNNN	0	0
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3	14	22	3	12	9	6	NNNNN	0	0
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	796	134	132	160	179	34	25	NNNNN	0	0
APHMC															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	248	70	365	100	37	0	3	NNNNN	3	30
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	208	196	288	95	19	6	3	NNNNN	0	20
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	190	196	256	98	18	2	3	NNNNN	0	60
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	28	149	90	13	23	2	2	NNNNN	4	14
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	5	18	36	2	4	5	2	NNNNN	0	9
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	679	629	1035	308	101	15	13	NNNNN	7	133
APHNI															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	155	23	251	328	925	0	25	NNNNN	0	0
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	270	88	30	156	790	15	0	NNNNN	0	0
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	63	91	76	270	575	10	0	NNNNN	0	0
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	110	53	73	41	710	0	0	NNNNN	0	4
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	13	8	28	33	40	0	0	NNNNN	0	3
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	611	263	458	828	3040	25	25	NNNNN	0	7
OSCIL															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	317	19	200	259	1376	1515	1490	NNNNN	2147	2260
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	300	117	118	159	1977	1063	1188	NNNNN	1325	2030
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	644	502	223	475	1827	1010	1089	NNNNN	2413	1553
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2393	897	1784	1999	2270	1557	1433	NNNNN	2538	562
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	278	1030	1869	919	1227	1350	797	NNNNN	2463	715
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3932	2565	4194	3811	8677	6495	5997	NNNNN	10886	7120
CHRML															
0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30	5	8	8	17	3	3	NNNNN	79	306
10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	32	25	4	16	14	0	1	NNNNN	51	364
20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	26	18	3	13	7	1	2	NNNNN	47	713
40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	29	13	1	8	6	1	0	NNNNN	13	440
60	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2	14	7	8	0	5	0	NNNNN	14	144
ALL	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	119	75	23	53	44	10	6	NNNNN	204	1967

W1 U	0	10	20	40	60
AMPHR	6	5	5	8	1
ANACR	1	63	13	2	0
ANACU	157	32	9	3	0
ANALV	112	144	509	99	2
ANAST	30	27	191	44	0
APHMC	470	95	215	75	3
APHNI	1278	270	288	310	13
CHLMY	20	24	45	15	1
CHMLL	12	1	2	6	0
CHRML	40	13	25	14	12
COELK	53	45	60	43	5
FRAGC	9	5	14	18	3
GNMSP	6	7	19	9	0
GONMS	4	4	9	3	0
MICRY	1	9	5	0	113
OSCLS	2	0	0	0	0
OSCLT	665	284	470	2428	1438
PANDR	1	2	2	1	1
PLATY	46	15	31	44	5
SPHAE	10	4	8	5	0
SYNEL	4	1	7	1	1
ULOTH	7	15	35	145	95
UNKCH	39	5	1	0	0

W2 U	0	10	20	40	60
AMPHR	7	5	10	4	0
ANACR	59	58	100	0	0
ANACU	7	75	13	77	3
ANALV	132	178	274	48	9
ANAST	18	20	96	7	3
APHMC	279	278	198	65	63
APHNI	768	400	505	68	25
CHLMY	54	45	71	4	0
CHMLL	15	5	3	3	0
CHRML	50	23	39	13	9
COELK	70	55	30	38	5
FRAGC	8	8	8	10	5
GNMSP	6	11	17	2	0
GONMS	10	7	8	1	0
MICRY	2	0	8	90	153
OSCLS	9	2	0	0	0
OSCLT	328	266	503	2625	788
PANDR	0	0	8	2	0
PLATY	55	37	34	27	3
SPHAE	10	7	7	2	0
SYNEL	4	5	9	1	1
ULOTH	15	10	23	200	83
UNKCH	74	12	2	1	0

W3 U	0	10	20	40	60
AMPHR	3	8	6	5	1
ANACR	47	50	20	2	0
ANACU	17	17	39	53	1
ANALV	181	170	442	0	3
ANAST	50	40	143	2	0
APHMC	248	208	190	28	5
APHNI	155	270	63	110	13
CHLMY	35	38	37	7	3
CHMLL	12	6	6	1	1
CHRML	30	32	26	29	2
COELK	55	60	43	20	5
FRAGC	8	9	8	16	1
GNMSP	13	11	20	0	0
GONMS	1	5	10	1	0
MICRY	0	0	1	6	75
OSCLS	9	0	2	0	0
OSCLT	308	300	642	2393	278
PANDR	1	1	1	2	0
PLATY	48	67	39	68	3
SPHAE	3	0	4	0	0
SYNEL	3	4	5	1	1
ULOTH	10	4	45	210	68
UNKCH	8	6	12	1	0

W4 U	0	10	20	40	60
AMPHR	4	4	10	7	0
ANACR	46	63	17	1	0
ANACU	40	48	58	1	0
ANALV	192	188	420	66	6
ANAST	18	20	144	1	0
APHMC	273	365	210	35	8
APHNI	725	290	155	100	25
CHLMY	24	48	31	7	1
CHMLL	6	10	1	2	2
CHRML	27	24	13	23	3
COELK	45	40	58	35	8
FRAGC	14	30	18	14	5
GNMSP	18	11	14	4	0
GONMS	5	8	6	0	0
MICRY	0	0	0	0	83
OSCLS	0	1	0	2	0
OSCLT	213	77	480	1903	590
PANDR	1	4	1	1	0
PLATY	44	56	42	54	2
SPHAE	7	13	9	1	0
SYNEL	3	6	4	0	1
ULOTH	10	1	63	225	100
UNKCH	9	8	3	1	1

W1 V	0	10	20	40	60
AMPHR	7	4	4	2	0
ANACR	5	10	3	0	0
ANACU	23	0	0	10	0
ANALV	42	36	31	58	11
ANASP	0	11	11	2	0
ANAST	77	98	51	52	0
APHMC	167	204	94	91	8
APHNI	272	46	63	138	5
CHLMY	2	0	1	0	0
CHMLL	2	0	1	0	0
CHRML	21	18	9	8	0
CLOST	0	3	1	1	0
COELK	9	4	5	26	4
CRUCI	0	0	0	0	0
DICTB	0	0	0	1	0
FRAGC	39	28	48	114	18
GNMSP	5	10	3	1	0
GONMS	6	3	3	0	0
LYNGL	0	1	1	0	0
MICRY	0	0	0	0	0
OCCYS	10	4	0	0	0
OSCIL	14	2	6	11	0
OSCLT	137	192	137	1810	1593
PANDR	0	1	0	1	0
PERDP	2	3	0	0	0
SPHAE	3	4	2	1	0
SYNEL	2	1	2	2	1
ULOTH	0	5	7	103	95

W2 V	0	10	20	40	60
AMPHR	3	1	5	6	1
ANACR	3	3	2	0	0
ANACU	25	1	32	0	0
ANALV	72	20	113	109	4
ANASP	4	14	3	5	0
ANAST	58	75	155	71	4
APHMC	119	160	185	105	1
APHNI	86	48	70	13	53
CHLMY	0	0	4	1	0
CHMLL	0	0	0	0	0
CHRML	12	20	32	9	10
CLOST	1	1	1	1	0
COELK	5	7	7	17	6
CRUCI	0	0	6	0	0
DICTB	1	3	2	2	0
FRAGC	8	33	39	28	33
GNMSP	6	5	11	1	0
GONMS	6	6	12	3	0
LYNGL	0	0	0	0	0
MICRY	0	0	20	0	10
OCCYS	4	2	4	10	4
OSCIL	3	1	9	8	0
OSCLT	2	180	117	1013	1243
PANDR	1	1	3	1	1
PERDP	2	2	0	0	0
SPHAE	6	9	7	5	0
SYNEL	0	0	0	0	0
ULOTH	6	14	2	99	77

W3 V	0	10	20	40	60
AMPHR	0	8	7	9	4
ANACR	0	0	0	0	0
ANACU	0	8	2	0	0
ANALV	10	37	31	42	14
ANASP	18	9	22	0	0
ANAST	66	72	195	53	3
APHMC	70	196	196	149	18
APHNI	23	88	91	53	8
CHLMY	0	1	1	0	0
CHMLL	0	2	1	1	0
CHRML	5	25	18	13	14
CLOST	2	2	5	1	1
COELK	7	0	9	20	7
CRUCI	0	3	1	0	0
DICTB	0	2	4	0	1
FRAGC	18	18	20	60	53
GNMSP	3	8	9	0	0
GONMS	1	6	14	0	0
LYNGL	0	0	3	0	0
MICRY	3	13	13	0	0
OCCYS	0	0	4	0	0
OSCIL	0	4	19	0	3
OSCLT	19	113	483	897	1027
PANDR	0	2	0	1	1
PERDP	1	4	1	0	0
SPHAE	0	7	4	2	0
SYNEL	1	2	1	1	0
ULOTH	0	7	15	78	85

W4 V	0	10	20	40	60
AMPHR	7	9	6	5	1
ANACR	5	1	0	0	0
ANACU	0	16	0	0	0
ANALV	37	43	110	87	27
ANASP	6	1	9	0	0
ANAST	118	83	223	59	0
APHMC	365	240	243	149	23
APHNI	198	144	143	135	13
CHLMY	2	1	0	4	0
CHMLL	3	0	0	1	0
CHRML	87	70	37	19	7
CLOST	2	2	2	1	0
COELK	12	2	7	20	10
CRUCI	5	0	1	0	0
DICTB	8	3	1	0	0
FRAGC	45	47	32	20	25
GNMSP	9	8	9	0	0
GONMS	23	9	10	0	0
OOCYS	30	18	12	4	0
OSCIL	10	2	0	0	4
OSCLT	193	134	244	1147	1817
PANDR	2	0	2	5	0
PERDP	18	10	1	0	1
SPHAE	11	4	5	3	0
SYNEL	1	2	2	2	3
ULOTH	9	9	11	71	119

W1 W	0	10	20	40	60
AMPHR	7	4	6	1	1
ANACU	1	11	0	0	0
ANALV	32	13	34	70	11
ANASP	3	2	1	4	0
ANAST	1	1	4	5	9
ANKLG	11	8	13	0	0
APHMC	405	491	486	59	12
APHNI	133	78	48	78	15
CHRML	13	3	8	3	3
CLOST	1	0	0	0	0
COELK	2	2	5	10	7
CRUCI	2	0	0	0	0
ELAKA	0	4	2	2	0
FRAGC	0	1	2	0	0
LYNGL	7	5	5	0	0
MICRY	0	0	0	0	0
OOCYS	2	2	2	0	0
OSCLS	11	1	17	0	3
OSCLT	140	180	203	497	2095
PERDP	0	0	0	0	0
SPHAE	9	10	7	2	0
SYNEL	1	2	1	0	0
ULOTH	2	0	0	22	41

W2 W	0	10	20	40	60
AMPHR	2	7	4	5	1
ANACU	0	3	1	2	0
ANALV	43	55	26	196	9
ANASP	4	4	1	0	0
ANAST	0	0	0	6	0
ANKLG	8	12	10	2	0
APHMC	467	507	521	173	7
APHNI	175	168	148	248	53
CHRML	8	15	5	8	1
CLOST	0	0	1	1	0
COELK	2	14	10	12	2
CRUCI	0	1	1	2	2
ELAKA	2	2	0	0	0
FRAGC	1	0	0	0	0
LYNGL	0	4	4	2	0
MICRY	0	2	0	0	0
OOCYS	4	8	4	0	0
OSCLS	4	0	6	8	5
OSCLT	197	170	183	1630	1170
PERDP	0	0	1	0	0
SPHAE	9	11	5	5	0
SYNEL	1	1	1	5	1
ULOTH	0	0	6	16	25

W3 W	0	10	20	40	60
AMPHR	2	1	1	3	1
ANACU	2	1	1	1	0
ANALV	16	8	15	71	22
ANASP	1	2	4	0	0
ANAST	1	0	6	4	4
ANKLG	6	4	4	0	0
APHMC	365	288	256	90	36
APHNI	251	30	76	73	28
CHRML	8	4	3	1	7
CLOST	0	0	0	1	1
COELK	7	2	2	6	3
CRUCI	1	1	1	0	0
ELAKA	0	0	0	0	0
FRAGC	0	0	0	0	0
LYNGL	2	0	1	0	0
MICRY	0	0	0	2	0
OOCYS	0	0	0	0	0
OSCLS	0	1	0	7	4
OSCLT	200	117	223	1777	1865
PERDP	1	0	1	0	0
SPHAE	1	1	1	1	0
SYNEL	0	1	0	1	1
ULOTH	1	0	4	2	18

W4 W	0	10	20	40	60
AMPHR	2	2	7	3	2
ANACU	0	2	20	0	0
ANALV	30	19	26	92	15
ANASP	3	3	2	0	0
ANAST	4	2	13	4	3
ANKLG	2	10	2	0	0
APHMC	391	391	455	96	7
APHNI	118	60	103	61	60
CHRML	3	5	6	2	5
CLOST	1	0	0	0	0
COELK	1	4	3	12	10
CRUCI	3	0	0	3	0
FRAGC	2	0	0	0	0
LYNGL	0	4	4	2	0
MICRY	10	20	0	0	0
OOCYS	10	2	0	6	0
OSCLS	3	4	5	3	3
OSCLT	277	140	190	1417	1770
PERDP	0	1	1	0	0
SPHAE	3	4	8	2	1
SYNEL	0	2	1	0	0
ULOTH	8	2	4	9	24

W1 X	0	10	20	40	60
AMPHR	2	1	2	2	2
ANACU	0	0	0	0	0
ANALV	26	41	26	34	3
ANASP	1	5	2	0	0
ANAST	6	3	3	0	0
ANKLG	2	2	2	2	0
APHMC	86	103	85	47	0
APHNI	336	203	226	103	38
CHRML	2	4	9	6	1
CLOST	0	0	0	0	0
COELK	16	17	16	26	10
CRUCI	10	13	10	6	0
CYCKU	1	0	1	1	0
DINOB	0	8	0	0	0
LYNGL	3	9	6	0	0
OOCYS	0	2	4	2	0
OSCIL	1	2	4	5	4
OSCLS	0	5	1	0	0
OSCLT	273	277	263	3483	1833
PANDR	1	0	0	1	0
PERDP	8	8	16	0	0
SPHAE	6	10	5	4	0
SYNEL	1	1	1	2	3
TETSP	0	0	0	0	0
ULOTH	6	9	2	18	22

W2 X	0	10	20	40	60
AMPHR	0	1	2	5	0
ANACU	0	0	20	0	0
ANALV	23	27	52	40	6
ANASP	2	0	1	0	0
ANAST	8	4	9	0	0
ANKLG	3	0	0	0	0
APHMC	124	104	97	66	0
APHNI	313	193	196	88	0
CHRML	0	4	8	12	4
CLOST	0	0	1	1	0
COELK	10	16	15	21	0
CRUCI	7	6	18	1	0
CYCKU	0	0	0	1	0
DINOB	0	3	9	0	0
LYNGL	0	2	3	4	0
OOCYS	0	0	0	2	0
OSCIL	3	0	6	12	2
OSCLS	0	1	3	0	0
OSCLT	230	247	230	2357	1630
PANDR	1	1	1	1	0
PERDP	0	8	0	0	0
SPHAE	4	4	6	6	0
SYNEL	1	2	4	2	1
TETSP	0	0	4	4	0
ULOTH	3	7	11	3	18

W3 X	0	10	20	40	60
AMPHR	2	11	4	2	0
ANACU	1	0	0	0	0
ANALV	26	20	45	66	3
ANASP	0	0	0	0	0
ANAST	9	0	4	0	1
ANKLG	2	2	4	2	0
APHMC	100	95	98	13	2
APHNI	328	156	270	41	33
CHRML	8	16	13	8	8
CLOST	0	1	0	1	0
COELK	20	27	19	10	8
CRUCI	23	5	5	2	0
CYCKU	2	1	1	1	0
DINOB	0	6	0	0	0
LYNGL	5	11	4	2	0
OOCYS	6	8	8	6	0
OSCIL	2	7	2	9	2
OSCLS	0	2	0	0	0
OSCLT	257	150	473	1990	917
PANDR	0	1	1	1	1
PERDP	16	16	0	0	0
SPHAE	4	10	7	1	1
SYNEL	1	4	4	2	0
TETSP	8	8	1	0	0
ULOTH	0	2	4	9	30

W4 X	0	10	20	40	60
AMPHR	1	1	1	2	0
ANACU	2	0	0	1	0
ANALV	19	20	49	24	19
ANASP	4	3	2	0	0
ANAST	3	5	11	0	0
ANKLG	2	2	4	0	0
APHMC	75	98	81	4	2
APHNI	419	335	423	18	48
CHRML	7	16	4	19	4
CLOST	0	1	0	1	0
COELK	8	27	22	14	5
CRUCI	6	19	17	0	0
CYCKU	1	1	1	0	0
DINOB	3	3	2	0	0
FRAGC	0	0	0	2	0
LYNGL	3	13	8	0	0
OOCYS	2	0	2	2	0
OSCIL	3	14	3	6	3
OSCLS	0	1	1	0	0
OSCLT	153	280	127	2347	1137
PANDR	0	0	1	1	0
PERDP	8	0	0	0	0
SPHAE	4	8	4	3	0
SYNEL	4	1	2	1	3
TETSP	4	3	1	1	0
ULOTH	5	0	9	18	12

	w3 Y				
	0	10	20	40	60
ANALV	26	56	27	53	12
ANKLG	6	0	0	1	0
APHMC	37	19	18	23	4
APHNI	925	790	575	710	40
ASTRI	0	4	0	0	4
CHMLL	0	1	0	0	0
CHRML	17	14	7	6	0
CLOST	1	0	0	0	1
COELK	3	2	0	3	0
CYCKU	1	1	1	3	0
LYNGL	23	22	11	18	2
OSCIL	0	3	2	6	0
OSCLS	9	4	2	1	0
OSCLT	1367	1970	1623	2263	1227
PANDR	1	1	1	0	0
PERDP	2	0	0	0	0
PERID	5	1	0	0	0
SPHAE	1	1	0	0	0
TETSP	3	1	1	1	0
ULOTH	34	28	11	19	10

	w3 Z				
	0	10	20	40	60
ANALV	13	5	5	2	9
ANKLG	0	2	2	0	0
APHMC	0	6	2	2	5
APHNI	0	15	10	0	0
ASTRI	0	2	0	0	0
CHMLL	1	0	0	0	1
CHRML	3	0	1	1	5
CLOST	0	0	0	1	0
COELK	5	5	7	9	10
CYCKU	1	0	1	0	1
ELAKA	4	0	0	0	0
LYNGL	0	5	3	1	4
OSCLS	2	0	0	0	0
OSCLT	1513	1063	1010	1557	1350
PANDR	0	1	0	0	1
PERDP	1	0	0	0	0
PERID	1	2	0	0	2
ULOTH	0	17	19	0	23

	w3 A				
	0	10	20	40	60
ANALV	6	9	4	0	6
ANKLG	0	0	2	0	0
APHMC	3	3	3	2	2
APHNI	25	0	0	0	0
ASTRI	0	0	2	6	1
CHRML	3	1	.2	0	0
CLOST	1	0	0	1	0
COELK	5	0	4	10	9
CYCKU	1	2	1	1	0
ELAKA	4	4	2	0	0
LYNGL	3	0	1	2	0
OSCIL	0	1	2	0	0
OSCLT	1490	1187	1087	1433	797
PERID	0	1	1	1	3
SPHAE	1	0	0	0	1
ULOTH	0	8	25	19	4

	w3 D				
	0	10	20	40	60
APHMC	3	0	0	4	0
ASTRI	72	76	80	106	100
CHRML	79	51	47	13	14
CLOST	2	1	1	0	0
CRUCU	1	0	1	0	0
CYCKU	1	3	4	3	1
ELAKA	2	2	0	0	0
OSCLT	2147	1325	2413	2538	2463
PANDR	0	1	0	0	0
PERID	1	0	0	1	0
SYNEL	3	1	1	3	4
ULOTH	0	0	8	0	0

	w3 E				
	0	10	20	40	60
AMPHR	0	0	3	0	0
ANACU	0	3	3	0	1
ANKLG	0	3	10	0	0
APHMC	30	20	60	14	9
APHNI	0	0	0	4	3
ASTRI	93	50	103	39	35
CHRML	306	364	713	440	144
CLOST	3	10	7	0	0
CRUCG	7	0	0	0	3
DINOB	0	10	0	2	0
ELAKA	47	33	63	6	0
FRAGC	20	67	0	6	0
FRAGL	0	7	0	10	0
LYNGC	0	13	0	0	0
LYNGL	0	7	7	0	0
MELOH	0	0	0	0	19
MELOS	30	37	30	0	23
MICRY	0	7	53	0	0
NAVIC	10	0	7	4	5
OOCYS	3	67	0	0	0
OSCLT	2260	2030	1553	562	715
PANDR	1	0	0	0	0
SPHAE	17	16	35	4	0
SYNEL	57	57	70	15	8
SYNEX	0	7	0	5	1

KALAMALKA LAKE — TEMPERATURE DEGREES CENTIGRADE

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	21.0	22.0	18.0	19.0	22.0	19.8	18.0	17.5	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	17.5	21.5	17.5	18.0	20.5	19.0	18.2	17.0	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	13.0	19.0	17.0	17.0	20.2	19.0	18.2	16.8	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	7.0	8.0	8.5	15.0	10.8	15.5	15.0	16.0	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	5.0	5.0	5.0	5.5	5.5	7.5	7.0	5.8	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 588.99 AVERAGE = 14.72
MINIMUM = 5.00 ON DATE 6/5 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 6/19 AT DEPTH 00

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	20.0	22.0	19.0	19.0	20.5	20.0	18.5	17.5	11.7	7.3	4.0	2.4	3.2	5.2
10	NNNNNNN	17.0	21.0	18.0	18.0	20.1	19.2	18.5	16.9	11.3	7.3	4.2	2.4	3.0	4.8
20	NNNNNNN	12.5	19.0	17.5	17.5	20.0	19.0	18.5	16.8	11.3	7.3	4.2	2.4	2.8	4.0
40	NNNNNNN	6.5	8.0	6.5	15.0	12.5	16.0	15.0	16.0	11.0	7.3	4.2	2.4	2.7	3.8
60	NNNNNNN	5.0	5.0	5.0	5.5	5.5	6.5	7.5	5.5	10.2	7.3	4.2	2.4	2.8	3.8

TOTAL = 748.24 AVERAGE = 10.68
MINIMUM = 2.40 ON DATE 2/18 AT DEPTH 00
MAXIMUM = 22.00 ON DATE 6/19 AT DEPTH 00

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	20.5	23.0	19.0	19.0	20.0	19.5	18.0	17.5	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	17.0	21.0	19.0	18.0	20.0	19.0	18.0	17.0	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	13.0	20.0	18.0	18.0	19.5	18.5	16.0	17.0	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	7.5	10.0	8.0	16.5	13.0	15.0	14.8	16.7	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	5.0	6.0	5.0	6.0	4.5	7.0	7.5	5.5	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 595.69 AVERAGE = 14.89
MINIMUM = 4.50 ON DATE 7/28 AT DEPTH 60
MAXIMUM = 23.00 ON DATE 6/19 AT DEPTH 00

KALAMALKA LAKE — DISSOLVED OXYGEN MG PER L
(AT 20 DEGREES C SATURATION EQUAL 9 MG PER L
AT 10 DEGREES C SATURATION EQUAL 10.9 MG PER L)
KALAMALKA LAKE READINGS FOR 6/19, 7/1 TAKEN AT
50 FT LEVEL

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	NNNNNNN	8.6	10.5	7.8	8.0	8.6	8.8	8.6	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	NNNNNNN	8.6	10.8	7.2	8.1	8.7	8.6	8.6	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	NNNNNNN	9.1	11.2	7.0	8.2	8.8	8.4	8.6	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	NNNNNNN	10.7	12.8	7.2	10.0	9.8	9.4	8.8	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	NNNNNNN	10.8	13.0	7.6	9.9	11.1	10.4	10.8	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 325.27 AVERAGE = 9.29
MINIMUM = 7.00 ON DATE 7/14 AT DEPTH 20
MAXIMUM = 13.00 ON DATE 7/1 AT DEPTH 60

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	NNNNNNN	8.4	9.8	9.0	9.0	8.4	8.7	8.6	9.6	10.6	11.1	10.4	11.0	10.8
10	NNNNNNN	NNNNNNN	8.6	10.0	9.2	9.3	8.6	8.5	8.5	9.2	10.6	11.1	10.8	11.1	11.5
20	NNNNNNN	NNNNNNN	8.8	10.4	9.3	9.3	8.6	8.4	8.5	9.1	10.6	11.0	11.6	11.0	11.6
40	NNNNNNN	NNNNNNN	10.2	11.8	10.0	10.3	9.6	9.0	8.6	9.1	10.5	10.8	13.6	11.0	11.7
60	NNNNNNN	NNNNNNN	10.3	12.0	10.6	10.6	10.8	10.4	10.4	9.1	10.4	10.4	13.5	11.0	11.5

TOTAL = 658.12 AVERAGE = 10.12
MINIMUM = 8.40 ON DATE 6/19 AT DEPTH 00
MAXIMUM = 13.60 ON DATE 2/18 AT DEPTH 40

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	NNNNNNN	7.7	8.8	8.6	8.6	8.8	8.8	8.4	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	NNNNNNN	8.2	9.6	9.0	9.2	9.1	8.6	8.4	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	NNNNNNN	8.2	9.8	9.0	9.0	9.3	8.6	8.4	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	NNNNNNN	9.3	11.0	9.2	9.6	9.4	9.4	8.4	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	NNNNNNN	9.4	11.2	10.4	9.7	11.6	10.9	10.6	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 324.37 AVERAGE = 9.26
MINIMUM = 7.70 ON DATE 6/19 AT DEPTH 00
MAXIMUM = 11.60 ON DATE 8/11 AT DEPTH 60

KALAMALKA LAKE — ELECTRICAL CONDUCTIVITY MICROMHOS

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	200.	190.	170.	170.	200.	180.	185.	180.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	200.	180.	170.	165.	190.	170.	185.	180.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	190.	180.	170.	165.	190.	170.	180.	175.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	170.	140.	150.	160.	180.	165.	180.	175.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	155.	130.	140.	140.	150.	145.	160.	160.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 6835.19 AVERAGE = 170.87
MINIMUM = 130.00 ON DATE 6/19 AT DEPTH 60
MAXIMUM = 200.00 ON DATE 6/5 AT DEPTH 00

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	190.	180.	170.	170.	200.	180.	180.	180.	283.	258.	235.	232.	248.	305.
10	NNNNNNN	180.	170.	160.	165.	190.	180.	180.	175.	287.	258.	230.	230.	256.	312.
20	NNNNNNN	170.	170.	170.	165.	200.	170.	180.	175.	285.	259.	232.	230.	232.	317.
40	NNNNNNN	160.	140.	150.	160.	180.	160.	180.	170.	280.	259.	231.	230.	249.	317.
60	NNNNNNN	150.	130.	140.	135.	155.	140.	160.	150.	282.	260.	233.	229.	252.	307.

TOTAL = 14528.31 AVERAGE = 207.54
MINIMUM = 130.00 ON DATE 6/19 AT DEPTH 60
MAXIMUM = 317.00 ON DATE 4/20 AT DEPTH 20

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	200.	180.	160.	150.	190.	180.	180.	170.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	190.	170.	140.	140.	195.	180.	180.	170.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	190.	170.	160.	160.	190.	170.	180.	170.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	170.	140.	150.	155.	175.	160.	175.	170.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	160.	130.	130.	130.	150.	145.	155.	150.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 6610.19 AVERAGE = 165.25
MINIMUM = 130.00 ON DATE 6/19 AT DEPTH 60
MAXIMUM = 200.00 ON DATE 6/5 AT DEPTH 00

KALAMALKA LAKE — TOTAL RESIDUE MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	203.	148.	170.	151.	132.	190.	214.	202.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	224.	157.	180.	184.	217.	186.	218.	218.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	237.	172.	180.	179.	176.	259.	229.	207.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	224.	196.	174.	125.	185.	189.	241.	218.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	254.	123.	155.	92.	195.	151.	239.	219.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 7613.19 AVERAGE = 190.32
MINIMUM = 92.00 ON DATE 7/14 AT DEPTH 60
MAXIMUM = 259.00 ON DATE 8/11 AT DEPTH 20

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	217.	141.	166.	108.	132.	192.	219.	225.	217.	202.	216.	242.	239.	227.
10	NNNNNNN	230.	182.	180.	194.	164.	227.	230.	217.	250.	222.	NNNNNNN	237.	227.	236.
20	NNNNNNN	227.	175.	183.	182.	189.	261.	242.	222.	217.	212.	222.	240.	241.	238.
40	NNNNNNN	247.	176.	192.	176.	187.	266.	234.	215.	253.	181.	217.	244.	231.	244.
60	NNNNNNN	221.	180.	172.	203.	176.	174.	233.	244.	235.	219.	211.	242.	213.	230.

TOTAL = 14606.31 AVERAGE = 211.68
MINIMUM = 108.00 ON DATE 7/14 AT DEPTH 00
MAXIMUM = 266.00 ON DATE 8/11 AT DEPTH 40

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	172.	162.	165.	161.	161.	242.	234.	221.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	NNNNNNN	248.	198.	177.	178.	201.	230.	234.	237.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	NNNNNNN	222.	188.	175.	172.	200.	248.	211.	225.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	NNNNNNN	237.	188.	185.	189.	198.	256.	220.	233.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	NNNNNNN	232.	124.	178.	198.	191.	242.	237.	227.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 8197.19 AVERAGE = 204.92
MINIMUM = 124.00 ON DATE 6/19 AT DEPTH 60
MAXIMUM = 256.00 ON DATE 8/11 AT DEPTH 40

KALAMALKA LAKE — VOLATILE SOLIDS MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		51.0	69.0	54.0	69.0	33.0	36.0	32.0	72.0						
10		61.0	56.0	61.0	74.0	41.0	50.0	37.0	65.0						
20		71.0	79.0	31.0	65.0	40.0	73.0	40.0	79.0						
40		95.0	89.0	31.0	53.0	42.0	48.0	54.0	50.0						
60		67.0		34.0	68.0	45.0	36.0	37.0	69.0						

TOTAL = 2157.19 AVERAGE = 55.31
MINIMUM = 31.00 ON DATE 7/1 AT DEPTH 20
MAXIMUM = 95.00 ON DATE 6/5 AT DEPTH 40

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		56.0	68.0	27.0	51.0	39.0	57.0	48.0	77.0	47.0	55.0	46.0	38.0	32.0	67.0
10		63.0	100.0	59.0	65.0	43.0	39.0	40.0	75.0	57.0	48.0	49.0	45.0	39.0	42.0
20		58.0	90.0	59.0	60.0	36.0	74.0	41.0	52.0	41.0	40.0	35.0	36.0	22.0	57.0
40		75.0	87.0	81.0	59.0	39.0	54.0	35.0	56.0	58.0	80.0	52.0	50.0	47.0	42.0
60		62.0	73.0	65.0	46.0	32.0	48.0	55.0	67.0	50.0	55.0	53.0	36.0	35.0	59.0

TOTAL = 3740.34 AVERAGE = 53.43
MINIMUM = 22.00 ON DATE 3/26 AT DEPTH 20
MAXIMUM = 100.00 ON DATE 6/19 AT DEPTH 10

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		59.0	65.0	83.0	49.0	44.0	41.0	50.0	62.0						
10		80.0	79.0	89.0	58.0	44.0	58.0	55.0	62.0						
20		73.0	78.0	81.0	56.0	58.0	44.0	44.0	51.0						
40		51.0	73.0	80.0	51.0	52.0	67.0	49.0	53.0						
60		82.0	97.0	101.0	57.0	39.0	37.0	43.0	54.0						

TOTAL = 2446.19 AVERAGE = 61.15
MINIMUM = 37.00 ON DATE 8/11 AT DEPTH 60
MAXIMUM = 101.00 ON DATE 7/1 AT DEPTH 60

KALAMALKA LAKE — PH METER READINGS

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		8.9	9.1	8.9	8.8	8.8	8.8	8.9	8.9						
10		8.8	8.9	8.7	8.7	8.8	8.7	8.8	8.7						
20		8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6						
40		8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.6						
60		8.6	8.6	8.6	8.5	8.6	8.6	8.7	8.5						

TOTAL = 348.69 AVERAGE = 8.71
MINIMUM = 8.50 ON DATE 7/14 AT DEPTH 60
MAXIMUM = 9.10 ON DATE 6/19 AT DEPTH 00

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		8.7	8.7	8.8	8.7	8.8	8.7	8.8	8.7	8.5	8.4	8.4	8.3	8.4	8.4
10		8.7	8.7	8.7	8.7	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.4	8.4	8.4
20		8.7	8.7	8.7	8.7	8.8	8.7	8.7	8.6	8.5	8.5	8.5	8.4	8.5	8.4
40		8.7	8.6	8.6	8.7	8.7	8.7	8.7	8.6	8.5	8.5	8.5	8.3	8.4	8.4
60		8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.6	8.4	8.5	8.5	8.3	8.4	8.4

TOTAL = 600.54 AVERAGE = 8.57
MINIMUM = 8.30 ON DATE 2/18 AT DEPTH 00
MAXIMUM = 8.80 ON DATE 7/1 AT DEPTH 00

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		8.7	8.7	8.8	8.8	8.8	8.7	8.7	8.6						
10		8.7	8.7	8.7	8.6	8.8	8.6	8.7	8.6						
20		8.7	8.7	8.7	8.7	8.8	8.6	8.7	8.6						
40		8.7	8.6	8.6	8.7	8.8	8.6	8.7	8.6						
60		8.6	8.6	8.6	8.5	8.6	8.5	8.7	8.5						

TOTAL = 346.99 AVERAGE = 8.67
MINIMUM = 8.50 ON DATE 7/14 AT DEPTH 60
MAXIMUM = 8.80 ON DATE 7/1 AT DEPTH 00

KALAMALKA LAKE — BICARBONATE ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		134.	115.	117.	87.	70.	102.	117.	77.						
10		125.	115.	137.	87.	58.	106.	125.	88.						
20		133.	123.	135.	88.	92.	125.	117.	88.						
40		128.	130.	136.	96.	78.	110.	118.	76.						
60		140.	106.	140.	85.	73.	119.	103.	89.						

TOTAL = 4288.19 AVERAGE = 107.20
MINIMUM = 58.00 ON DATE 7/28 AT DEPTH 10
MAXIMUM = 140.00 ON DATE 6/5 AT DEPTH 60

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		131.	109.	102.	55.	70.	117.	118.	102.	90.	119.	124.	127.	124.	141.
10		134.	113.	128.	104.	81.	127.	123.	88.	126.	115.	125.	129.	118.	131.
20		124.	112.	125.	78.	68.	121.	112.	94.	95.	110.	126.	123.	131.	142.
40		134.	112.	127.	95.	58.	117.	121.	92.	99.	101.	124.	137.	116.	122.
60		115.	107.	115.	83.	68.	120.	120.	87.	98.	101.	133.	128.	120.	124.

TOTAL = 7806.34 AVERAGE = 111.51
MINIMUM = 55.00 ON DATE 7/14 AT DEPTH 00
MAXIMUM = 142.00 ON DATE 4/20 AT DEPTH 20

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		137.	130.	100.	78.	60.	128.	118.	96.						
10		134.	126.	131.	89.	96.	104.	118.	99.						
20		105.	106.	128.	92.	79.	149.	120.	110.						
40		119.	124.	137.	83.	90.	139.	115.	107.						
60		122.	127.	134.	79.		146.	121.	101.						

TOTAL = 4377.19 AVERAGE = 112.23
MINIMUM = 60.00 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 149.00 ON DATE 8/11 AT DEPTH 20

KALAMALKA LAKE — CARBONATE ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6						
10		0.0	0.0	0.0	0.0	2.4	0.9	0.3	0.0						
20		2.4	0.0	0.0	0.0	0.0	0.0	0.3	0.0						
40		0.0	0.0	0.0	0.0	0.6	0.9	0.3	0.9						
60		0.0	2.4	0.0	0.0	0.0	0.9	0.3	0.0						

TOTAL = 14.59 AVERAGE = 0.36
MINIMUM = 0.00 ON DATE 6/5 AT DEPTH 00
MAXIMUM = 2.40 ON DATE 7/28 AT DEPTH 10

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.0	0.0	0.9	0.9	0.0	0.0	0.3	0.0	2.4	0.0	0.0	0.0	0.0	0.0
10		0.0	0.0	0.0	0.0	1.5	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
20		3.6	0.0	0.6	0.0	1.5	0.6	0.3	0.3	1.8	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.0	0.0	1.2	0.0	0.3	0.0	1.5	1.5	0.0	0.0	0.0	2.9
60		4.8	0.0	0.6	0.0	3.6	0.6	0.3	1.2	1.5	1.8	0.0	0.0	0.0	2.9

TOTAL = 40.64 AVERAGE = 0.58
MINIMUM = 0.00 ON DATE 6/5 AT DEPTH 00
MAXIMUM = 4.80 ON DATE 6/5 AT DEPTH 60

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.0	0.0	0.9	0.0	5.4	0.0	0.6	0.0						
10		0.0	0.0	0.0	0.0	1.2	0.9	0.3	1.2						
20		5.4	1.2	0.0	0.0	4.8	0.0	0.3	0.0						
40		1.2	0.0	0.0	0.0	7.8	0.0	0.6	0.0						
60		0.0	0.0	0.6	0.0	6.0	0.0	0.3	0.0						

TOTAL = 38.89 AVERAGE = 0.97
MINIMUM = 0.00 ON DATE 6/5 AT DEPTH 00
MAXIMUM = 7.80 ON DATE 7/28 AT DEPTH 40

KALAMALKA LAKE CALCIUM ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		26.8	28.2	23.2	26.5	23.3	18.4	31.2	14.4						
10		24.0	23.0	27.2	28.0	20.8	21.6	27.2	23.2						
20		28.5	29.0	25.6	27.2	20.8	20.8	31.2	23.2						
40		29.4	32.4	26.4	27.2	21.7	21.6	31.2	23.2						
60		25.0	23.0	27.2	36.8	25.6	25.6	31.2	27.2						

TOTAL = 1028.19 AVERAGE = 25.70
MINIMUM = 14.40 ON DATE 9/8 AT DEPTH 00
MAXIMUM = 36.80 ON DATE 7/14 AT DEPTH 60

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		25.0	27.3	22.4	31.2	22.4	26.4	25.6	25.6	18.4	20.8	26.2	33.6	36.8	25.9
10		31.0	27.3	24.8	24.0	20.8	28.0	23.2	22.4	25.6	20.8		33.6	30.4	25.9
20		30.2	23.8	24.0	28.0	20.8	27.2	18.4	26.4	20.8	20.8	25.6	32.0	32.8	21.8
40		28.5	25.5	28.0	28.0	21.7	18.4	22.4	24.8	25.6	18.4	24.8	37.6	30.4	31.8
60		24.0	25.5	24.0	30.5	20.8	24.0	22.4	28.8	26.4	21.6	28.8	35.2	32.8	30.9

TOTAL = 1799.93 AVERAGE = 26.08
MINIMUM = 18.40 ON DATE 10/22 AT DEPTH 00
MAXIMUM = 37.60 ON DATE 2/18 AT DEPTH 40

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		28.5	31.5	16.8	28.0	28.8	29.6	24.0	22.4						
10		19.6	33.2	34.4	24.0	30.2	23.2	33.6	28.8						
20		28.5	26.5	32.8	28.8	22.4	32.8	29.6	25.6						
40		27.5	35.5	33.6	28.8	24.0	32.0	25.6	24.8						
60		27.5	34.0	36.0	34.4	30.2	36.8	31.2	24.0						

TOTAL = 1150.69 AVERAGE = 28.76
MINIMUM = 16.80 ON DATE 7/1 AT DEPTH 00
MAXIMUM = 36.80 ON DATE 8/11 AT DEPTH 60

KALAMALKA LAKE CHLORIDE ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		2.0	2.0	1.7	1.6	1.6	1.9	1.7	2.0						
10		1.3	1.7	1.8	1.8	1.8	1.9	1.9	1.8						
20		1.6	1.9	1.7	2.0	1.6	1.9	1.8	1.9						
40		1.4	2.1	1.8	2.0	1.6	1.8	1.8	2.0						
60		1.0	1.9	1.8	1.6	1.6	1.9	1.7	1.9						

TOTAL = 70.99 AVERAGE = 1.77
MINIMUM = 1.00 ON DATE 6/5 AT DEPTH 60
MAXIMUM = 2.10 ON DATE 6/19 AT DEPTH 40

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		1.9	1.9	1.7	1.6	1.7	1.9	2.0	1.9	2.2	2.1	1.9	2.0	2.5	1.7
10		1.4	1.8	1.7	2.1	1.6	2.0	1.9	2.0	2.0	1.9	1.7	1.8	2.7	1.5
20		1.6	1.8	1.7	1.6	1.6	1.8	1.9	1.8	2.2	2.1	1.7	2.0	1.7	1.6
40		1.6	1.9	1.8	1.6	1.7	1.7	1.9	2.0	1.7	2.0	1.9	2.0	1.7	1.6
60		1.7	1.7	1.9	1.6	1.7	1.9	2.0	1.8	1.9	2.1	1.9	2.1	1.7	1.6

TOTAL = 129.44 AVERAGE = 1.84
MINIMUM = 1.40 ON DATE 6/5 AT DEPTH 10
MAXIMUM = 2.70 ON DATE 3/26 AT DEPTH 10

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		1.9	2.2	1.8	1.9	1.9	1.8	1.9	2.0						
10		1.6	1.9	1.7	1.9	1.9	1.9	1.9	1.9						
20		1.6	1.9	1.7	1.9	1.6	1.9	1.9	1.8						
40		1.6	1.7	1.7	2.0	1.7	2.0	2.1	1.8						
60		1.9	1.7	1.8	1.9	1.6	2.1	1.9	1.8						

TOTAL = 73.89 AVERAGE = 1.84
MINIMUM = 1.60 ON DATE 6/5 AT DEPTH 10
MAXIMUM = 2.20 ON DATE 6/19 AT DEPTH 00

KALAMALKA LAKE MAGNESIUM ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		19.0	28.7	19.2	8.9	10.4	14.1	19.4	20.2						
10		18.5	28.6	18.6	18.2	24.4	20.4	19.8	20.3						
20		18.3	29.9	19.8	19.9	13.6	18.5	20.0	20.3						
40		19.2	28.8	19.8	24.0	13.5	18.5	20.0	20.4						
60		19.2	31.8	21.0	14.6	17.4	19.4	20.0	20.4						

TOTAL = 797.39 AVERAGE = 19.93
MINIMUM = 8.90 ON DATE 7/14 AT DEPTH 00
MAXIMUM = 31.80 ON DATE 6/19 AT DEPTH 60

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		17.4	25.9	19.4	7.6	8.4	14.2	19.4	20.7	18.8	18.0	21.2	17.6	17.4	19.0
10		18.2	27.6	19.4	18.5	11.4	17.6	19.6	20.2	18.7	20.3	21.0	18.4	17.7	19.7
20		17.7	27.8	19.2	18.3	13.4	18.6	19.4	19.7	18.6	10.9	21.0	18.2	17.8	20.1
40		17.7	27.8	19.4	19.6	11.6	15.4	19.8	20.4	18.3	23.0	20.8	18.2	17.7	24.0
60		19.2	26.6	19.2	21.4	13.6	14.1	19.6	20.2	18.3	14.5	21.4	18.4	17.7	19.1

TOTAL = 1311.54 AVERAGE = 18.73
MINIMUM = 7.60 ON DATE 7/14 AT DEPTH 00
MAXIMUM = 27.80 ON DATE 6/19 AT DEPTH 20

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		22.2	28.6	18.4	19.0	17.4	13.6	20.2	20.1						
10		18.5	26.8	19.2	20.6	18.8	19.6	20.2	20.4						
20		18.1	27.3	19.2	18.9	19.4	19.4	19.4	20.1						
40		21.9	26.8	19.2	19.4	18.8	20.8	19.4	20.2						
60			26.9	19.2	19.2	19.0	20.4	19.8	20.3						

TOTAL = 796.89 AVERAGE = 20.43
MINIMUM = 13.60 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 28.60 ON DATE 6/19 AT DEPTH 00

KALAMALKA LAKE SILICATE ION (SIO2) MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		3.5	12.8	10.1	5.3	14.0	14.5	12.7	11.1						
10		8.1	11.6	9.5	3.8	14.5	13.4	12.3	10.5						
20		6.2	14.1	7.2	3.3	16.0	14.4	12.7	11.2						
40		6.4	13.8	4.6	4.8	16.0	13.2	11.8	12.3						
60		7.8	14.2	5.6	4.5	11.6	13.4	11.8	12.0						

TOTAL = 416.79 AVERAGE = 10.41
MINIMUM = 3.30 ON DATE 7/14 AT DEPTH 20
MAXIMUM = 16.00 ON DATE 7/28 AT DEPTH 20

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		8.0	12.3	10.4	4.1	13.5	14.2	12.7	11.6	8.9	11.4	11.0	12.2	9.7	8.7
10		6.5	13.3	4.8	4.3	17.7	14.2	12.1	11.6	9.2	11.3	12.0	12.0	9.7	9.7
20		9.7	14.8	7.1	3.3	16.2	12.7	12.2	11.9	11.3	11.4	10.8	12.0	9.8	11.1
40		6.2	12.2	7.9	4.2	17.1	15.6	12.1	10.6	8.3	11.3	11.2	12.1	10.1	11.4
60		9.1	11.1	10.7	4.1	17.9	15.0	11.0	11.0	9.9	11.5	11.1	12.3	10.0	11.4

TOTAL = 756.14 AVERAGE = 10.83
MINIMUM = 3.30 ON DATE 7/14 AT DEPTH 20
MAXIMUM = 17.90 ON DATE 7/28 AT DEPTH 60

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		5.3	11.9	10.2	4.6	13.8	14.8	12.2	11.6						
10		10.0	9.5	10.4	3.7	11.2	12.0	11.0	11.1						
20		10.7	12.6	9.5	4.2	11.2	14.4	13.0	11.8						
40		10.5	13.1	10.5	3.9	13.4	13.6	12.8	11.6						
60		9.7	12.4	3.3	3.9	13.6	13.1	11.6	11.6						

TOTAL = 419.49 AVERAGE = 10.48
MINIMUM = 3.30 ON DATE 7/1 AT DEPTH 60
MAXIMUM = 14.80 ON DATE 8/11 AT DEPTH 00

KALAMALKA LAKE SULPHATE ION MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00			53.		56.		52.		50.						
10			50.		63.		52.		50.						
20			50.		62.		54.		50.						
40			58.		60.		50.		50.						
60			60.		70.		54.		52.						

TOTAL = 1096.09 AVERAGE = 54.80
MINIMUM = 50.00 ON DATE 9/8 AT DEPTH 00
MAXIMUM = 70.00 ON DATE 7/14 AT DEPTH 60

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00			48.		72.		53.		49.		51.		54.		53.
10			48.		52.		50.		51.		50.		53.		54.
20			48.		55.		50.		51.		52.		50.		52.
40			50.		55.		54.		64.		51.		52.		53.
60			50.		70.		58.		55.		51.		55.		53.

TOTAL = 1067.17 AVERAGE = 53.34
MINIMUM = 48.00 ON DATE 6/19 AT DEPTH 00
MAXIMUM = 72.00 ON DATE 7/14 AT DEPTH 00

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00			53.		56.		54.		50.						
10			48.		54.		54.		52.						
20			55.		52.		53.		50.						
40			48.		53.		53.		51.						
60			55.		58.		53.		52.						

TOTAL = 1051.09 AVERAGE = 52.55
MINIMUM = 48.00 ON DATE 6/19 AT DEPTH 10
MAXIMUM = 58.00 ON DATE 7/14 AT DEPTH 60

KALAMALKA LAKE AMMONIA-NITROGEN MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.02	0.03	0.03	0.05	0.03	0.03	0.03							
10		0.01	0.03	0.04	0.03	0.03	0.03	0.03							
20		0.02	0.03	0.04	0.03	0.03	0.03	0.03							
40		0.03	0.03	0.04	0.03	0.03	0.03	0.03							
60		0.01	0.02	0.04	0.03	0.03	0.03	0.03							

TOTAL = 1.21 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 6/5 AT DEPTH 10
MAXIMUM = 0.05 ON DATE 7/14 AT DEPTH 00

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.02	0.03	0.04	0.03	0.03	0.04	0.03		0.07	0.06	0.05	0.04	0.03	
10		0.02	0.03	0.04	0.03	0.03	0.03	0.03		0.05	0.05	0.03	0.04	0.03	0.03
20		0.02	0.03	0.04	0.03	0.03	0.03	0.03		0.04	0.05	0.04	0.04	0.03	0.03
40		0.03	0.03	0.04	0.03	0.03	0.03	0.03		0.03	0.05	0.04	0.04	0.04	0.03
60		0.01	0.05	0.04	0.03	0.03	0.03	0.03		0.04	0.04	0.04	0.03	0.04	0.03

TOTAL = 2.53 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 6/5 AT DEPTH 60
MAXIMUM = 0.07 ON DATE 10/22 AT DEPTH 00

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.03	0.05	0.03	0.03	0.04	0.03							
10		0.02	0.03	0.05	0.03	0.03	0.03	0.03							
20		0.02	0.03	0.05	0.03	0.03	0.03	0.03							
40		0.02	0.04	0.02	0.03	0.04	0.03	0.03							
60		0.01	0.03	0.02	0.04	0.03	0.03	0.03							

TOTAL = 1.23 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 6/5 AT DEPTH 00
MAXIMUM = 0.05 ON DATE 7/1 AT DEPTH 00

KALAMALKA LAKE NITRATE-NITROGEN MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01						
10		0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01						
20		0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01						
40		0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01						
60		0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01						

TOTAL = 0.47 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 7/1 AT DEPTH 00
MAXIMUM = 0.01 ON DATE 6/5 AT DEPTH 00

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.01
10		0.02	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01
20		0.02	0.02	0.00	0.00	0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.02
40		0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01
60		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01

TOTAL = 0.99 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 7/1 AT DEPTH 00
MAXIMUM = 0.02 ON DATE 9/8 AT DEPTH 00

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.04	0.01	0.01	0.01	0.00	0.01	0.01						
10		0.01	0.08	0.01	0.00	0.01	0.00	0.01	0.01						
20		0.01	0.04	0.01	0.01	0.01	0.00	0.01	0.01						
40		0.01	0.04	0.01	0.01	0.01	0.00		0.01						
60		0.01	0.04	0.01	0.00	0.01	0.00		0.01						

TOTAL = 0.68 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 8/11 AT DEPTH 00
MAXIMUM = 0.08 ON DATE 6/19 AT DEPTH 10

KALAMALKA LAKE TOTAL PHOSPHATE MG PER L

STATION 1

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.03	0.01	0.01	0.02	0.01	0.01	0.01						
10		0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.01						
20		0.03	0.03	0.02	0.01	0.02	0.02	0.02	0.01						
40		0.03	0.03	0.02	0.01	0.00	0.01	0.04	0.01						
60		0.02	0.03	0.04	0.02	0.02	0.01	0.03	0.02						

TOTAL = 0.99 AVERAGE = 0.02
MINIMUM = 0.00 ON DATE 7/28 AT DEPTH 40
MAXIMUM = 0.04 ON DATE 8/27 AT DEPTH 40

STATION 2

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.02	0.03	0.02	0.02	0.01	0.01	0.03	0.01	0.02	0.01	0.01	0.02	0.02	0.04
10		0.03	0.02	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.02	0.01
20		0.02	0.04	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.01	0.01	0.03	0.02	0.05
40		0.03	0.04	0.04	0.03	0.01	0.02	0.03	0.01	0.02	0.02	0.02	0.02	0.02	0.02
60		0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.04	0.02	0.02

TOTAL = 1.94 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 7/28 AT DEPTH 00
MAXIMUM = 0.05 ON DATE 8/27 AT DEPTH 20

STATION 3

DEPTH	/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.03	0.06	0.02	0.01	0.02	0.03	0.02						
10		0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02						
20		0.02	0.03	0.04	0.02	0.01	0.02	0.03	0.03						
40		0.02	0.03	0.03	0.03	0.01	0.02	0.03	0.02						
60		0.03	0.03	0.04	0.03	0.02	0.02	0.02	0.02						

TOTAL = 1.17 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 6/5 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 7/1 AT DEPTH 00

KALAMALKA LAKE TURBIDITY IN FEET OF DEPTH

STATION 2

/	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
	34.0	27.0	38.0	32.0	19.0	13.5	23.0	19.0	14.5		15.5	30.0	45.0	44.0

STATION KA2

	5/13	6/5	6/19	7/1	7/14	7/28	8/11	8/27	9/8	10/22	11/21	12/17	2/18	3/26	4/20
TOTAL PHYTOPLANKTON															
0	NNNNN	190	284	26	102	34	20	21	22	46	61	52	35	7	355
10	NNNNN	168	102	43	5	21	19	38	26	34	81	39	21	44	369
20	NNNNN	181	126	34	8	49	14	20	32	59	66	25	33	41	379
40	NNNNN	374	205	104	47	53	29	13	25	19	65	69	41	16	129
60	NNNNN	314	204	105	133	63	25	10	44	7	97	52	25	37	114
ALL	NNNNN	1227	921	312	295	220	107	102	149	165	370	237	155	145	1346
TOTAL BLUEGREENS															
0	NNNNN	134	217	1	83	5	6	0	6	36	36	20	1	2	34
10	NNNNN	108	22	16	0	0	3	2	12	27	40	13	3	4	10
20	NNNNN	71	9	1	5	7	0	0	1	29	26	4	2	0	53
40	NNNNN	90	11	47	7	2	0	2	8	14	32	16	10	0	10
60	NNNNN	55	8	18	15	10	6	0	13	4	59	15	0	0	0
ALL	NNNNN	458	267	83	110	24	15	4	40	110	193	68	16	6	107
TOTAL GREENS															
0	NNNNN	0	22	0	0	0	0	0	0	1	4	2	3	0	10
10	NNNNN	4	6	0	0	0	5	0	2	1	4	3	0	2	3
20	NNNNN	4	14	3	0	2	0	0	2	0	4	0	3	0	10
40	NNNNN	13	22	1	3	2	4	0	0	0	4	5	0	0	9
60	NNNNN	3	5	12	2	4	0	2	5	0	1	2	0	1	8
ALL	NNNNN	24	69	16	5	8	9	2	9	2	17	12	6	3	40
TOTAL DIATOMS															
0	NNNNN	6	11	16	6	8	5	9	6	2	2	6	19	1	142
10	NNNNN	19	25	22	4	8	4	18	2	4	1	5	11	32	226
20	NNNNN	56	64	23	3	14	3	11	9	3	4	3	12	36	183
40	NNNNN	188	126	36	20	18	8	7	8	0	4	18	21	8	68
60	NNNNN	161	115	53	104	25	3	5	5	0	6	22	14	29	38
ALL	NNNNN	430	341	150	137	73	23	50	30	9	17	54	77	106	657
TOTAL PHYTOFLAGELLATES															
0	NNNNN	50	34	9	13	21	9	12	10	7	19	24	12	4	169
10	NNNNN	37	49	5	1	13	7	18	10	2	36	18	7	6	130
20	NNNNN	49	39	7	0	26	11	9	20	27	32	18	16	5	133
40	NNNNN	83	46	20	17	31	17	4	9	5	25	30	10	8	42
60	NNNNN	95	76	22	12	24	16	3	21	3	31	13	11	7	68
ALL	NNNNN	314	244	63	43	115	60	46	70	44	143	103	56	30	542
TOTAL DOMINANTS															
0	NNNNN	126	120	10	85	2	1	0	1	2	0	3	16	1	239
10	NNNNN	120	40	23	0	0	0	0	0	4	1	4	11	32	253
20	NNNNN	102	61	12	0	13	0	0	0	0	0	0	11	34	223
40	NNNNN	259	121	36	5	0	0	2	0	4	0	14	21	7	91
60	NNNNN	190	96	65	110	32	7	0	0	2	2	19	12	28	41
ALL	NNNNN	797	438	146	200	47	8	2	1	12	3	40	71	102	847
ANACU															
0	NNNNN	74	100	1	83	0	0	0	0	0	0	0	0	0	0
10	NNNNN	10	6	8	0	0	0	0	0	0	0	0	0	0	0
20	NNNNN	4	5	0	0	0	0	0	0	0	0	0	0	0	0
40	NNNNN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	NNNNN	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ALL	NNNNN	88	111	9	84	0	0	0	0	0	0	0	0	0	0
ASTRI															
0	NNNNN	0	10	4	2	0	0	0	0	0	0	0	0	0	3
10	NNNNN	10	22	5	0	0	0	0	0	0	0	0	0	0	0
20	NNNNN	10	56	11	0	5	0	0	0	0	0	0	0	0	23
40	NNNNN	28	100	25	0	0	0	0	0	0	0	0	0	0	7
60	NNNNN	16	12	8	41	2	0	0	0	0	0	0	0	0	0
ALL	NNNNN	64	200	53	43	7	0	0	0	0	0	0	0	0	33
DINOB															
0	NNNNN	14	10	5	0	0	0	0	0	0	0	0	0	0	103
10	NNNNN	11	12	0	0	0	0	0	0	0	0	0	0	0	57
20	NNNNN	24	0	0	0	1	0	0	0	0	0	0	0	0	67
40	NNNNN	25	0	5	0	0	0	0	0	0	0	0	0	0	26
60	NNNNN	12	12	4	3	6	0	0	0	0	0	0	0	0	8
ALL	NNNNN	86	34	14	3	7	0	0	0	0	0	0	0	0	261
FRAGC															
0	NNNNN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	NNNNN	0	0	10	0	0	0	0	0	0	0	0	0	0	0
20	NNNNN	3	0	0	0	0	0	0	0	0	0	0	0	0	0
40	NNNNN	73	12	0	5	0	0	0	0	0	0	0	0	0	0
60	NNNNN	0	55	21	49	8	0	0	0	0	0	0	0	0	0
ALL	NNNNN	76	67	31	54	8	0	0	0	0	0	0	0	0	0
LYNGL															
0	NNNNN	36	0	0	0	2	1	0	1	2	0	0	0	0	7
10	NNNNN	87	0	0	0	0	0	0	0	1	1	0	0	0	0
20	NNNNN	58	0	1	0	7	0	0	0	0	0	0	0	0	13
40	NNNNN	78	0	0	0	0	0	2	0	4	0	0	0	0	0
60	NNNNN	42	0	14	9	10	6	0	0	2	0	0	0	0	0
ALL	NNNNN	301	0	15	9	19	7	2	1	9	1	0	0	0	20
MELOS															
0	NNNNN	1	0	0	0	0	0	0	0	0	0	3	16	0	83
10	NNNNN	0	0	0	0	0	0	0	0	3	0	4	11	31	123
20	NNNNN	0	0	0	0	0	0	0	0	0	0	0	11	32	70
40	NNNNN	31	9	6	0	0	0	0	0	0	0	14	21	7	33
60	NNNNN	21	17	15	6	6	1	0	0	0	2	19	12	28	17
ALL	NNNNN	53	26	21	6	6	1	0	0	3	2	40	71	98	326
SYNEM															
0	NNNNN	1	0	0	0	0	0	0	0	0	0	0	0	1	43
10	NNNNN	2	0	0	0	0	0	0	0	0	0	0	0	1	73
20	NNNNN	3	0	0	0	0	0	0	0	0	0	0	0	2	50
40	NNNNN	24	0	0	0	0	0	0	0	0	0	0	0	0	25
60	NNNNN	99	0	3	1	0	0	0	0	0	0	0	0	0	16
ALL	NNNNN	129	0	3	1	0	0	0	0	0	0	0	0	4	207

	KA1 U					KA2 U					KA3 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANKSP	0	0	0	2	5	0	0	2	2	3	0	0	0	0	2
APHMC	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0
ASTRI	0	0	0	0	6	0	0	5	0	2	0	0	0	0	6
CHMLL	7	6	1	3	5	11	4	7	6	4	3	2	3	3	5
CHRML	5	3	3	19	16	4	3	13	19	11	5	3	5	7	29
CYCKU	8	7	7	10	4	8	7	9	18	9	8	8	6	6	6
DINOB	0	0	0	0	1	0	0	1	0	6	0	0	0	0	0
FRAGC	0	0	0	0	5	0	0	0	0	8	0	0	0	0	5
LYNGL	0	0	0	0	5	2	0	7	0	10	0	0	0	0	16
MELOS	0	0	0	0	8	0	0	0	0	6	0	0	0	0	0
PERDP	2	2	1	2	0	2	2	3	2	1	1	2	4	1	0
PERDS	5	4	2	1	0	3	4	1	3	1	2	2	0	2	1
PERID	0	0	0	0	0	0	0	1	1	1	0	0	0	0	2
STAUR	0	0	0	0	2	0	0	0	0	1	0	0	0	0	2
STEPH	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0
UNKCH	0	1	0	0	0	1	0	0	0	0	1	1	0	0	1

	KA1 V					KA2 V					KA3 V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
APHMC	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0
CHMLL	2	0	1	1	5	2	0	1	3	1	0	1	1	1	2
CHRML	7	6	7	8	13	7	6	6	10	15	3	2	5	8	14
CYCKU	7	5	9	9	3	5	4	3	8	2	2	7	11	7	4
LYNGL	0	0	0	1	5	1	0	0	0	6	0	0	0	0	0
MELOS	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
PERDP	1	1	2	1	0	0	1	2	3	0	1	1	2	2	1
PERDS	0	1	1	1	1	0	0	2	1	0	0	0	2	2	1
TETSP	7	0	0	0	0	0	5	0	4	0	0	0	0	0	0
ULOTH	0	0	0	0	0	0	0	0	0	0	0	4	0	1	1

	KA1 W					KA2 W					KA3 W				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANKSP	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
CHMLL	1	2	0	1	1	3	3	1	1	1	4	3	4	2	2
CHRCC	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRML	2	2	2	5	4	4	11	3	2	1	10	2	2	2	3
COELK	0	0	0	0	0	0	2	0	0	0	0	0	0	0	7
CYCKU	6	5	5	12	4	8	17	10	6	5	4	9	5	10	5
LYNGL	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
PERDP	2	3	0	2	0	3	3	2	1	0	3	3	4	3	0
PERDS	0	0	0	0	0	1	1	3	0	0	2	2	2	1	0
PERID	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
STEPH	0	0	0	0	0	1	1	1	1	0	5	0	0	0	1

	KA1 X					KA2 X					KA3 X				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0
ANKSP	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0
APHMC	3	11	14	11	4	5	12	1	8	7	7	9	6	6	13
CHMLL	2	3	6	2	4	3	3	4	3	5	2	8	11	2	3
CHRCC	0	0	0	0	0	0	0	0	0	6	0	3	7	0	2
CHRML	2	6	9	6	14	1	4	10	4	13	0	5	14	9	22
CYCKU	4	8	6	8	5	6	2	9	8	5	5	10	7	4	7
LYNGL	0	0	0	0	2	1	0	0	0	0	0	0	3	0	7
OCCYS	2	2	1	0	0	0	2	2	0	1	2	0	0	1	1
PERDP	4	3	3	2	2	5	1	5	1	2	2	2	3	1	0
PERDS	0	2	1	2	1	1	1	1	0	1	0	1	3	0	1
PERID	1	1	0	0	1	0	1	0	1	0	1	1	0	0	0

	KA2 Y				
	0	10	20	40	60
ANKSP	0	1	0	0	0
APHMC	30	26	29	10	2
CHMLL	1	1	3	1	1
CHRCC	4	0	0	0	0
CHRML	6	1	24	4	2
CYCKU	2	1	2	0	0
ELAKA	1	0	0	0	0
LYNGL	2	1	0	4	2
MELOS	0	3	0	0	0
STEPH	0	0	1	0	0

	KA2 Z				
	0	10	20	40	60
ANKSP	3	4	3	4	0
APHMC	26	12	11	20	46
CHMLL	0	3	1	2	0
CHRCC	0	0	4	0	0
CHRML	19	35	31	23	31
COELK	6	26	11	9	12
CYCKU	2	1	4	4	4
ELAKA	1	0	1	0	1
LYNGC	2	1	0	3	1
LYNGL	0	1	0	0	0
MELOS	0	0	0	0	2

	KA2 A				
	0	10	20	40	60
ANKSP	0	0	0	3	2
APHMC	8	3	2	7	0
CHMLL	0	1	0	1	1
CHRML	24	17	18	29	12
COELK	5	10	0	9	12
CYCKU	2	1	2	4	3
ELAKA	2	1	0	2	0
LYNGC	3	0	2	0	3
MELOS	3	4	0	14	19
OSCLT	4	0	0	0	0
STEPH	1	0	1	0	0
ULOTH	0	2	0	0	0

	KA2 C				
	0	10	20	40	60
CHMLL	0	0	0	1	0
CHRML	12	7	16	9	11
CYCKU	1	0	1	0	1
ELAKA	0	0	3	0	0
LYNGC	1	0	2	0	0
MELOS	16	11	11	21	12
OSCLT	0	3	0	10	0
STEPH	1	0	0	0	1
SYNEL	1	0	0	0	0
ULOTH	3	0	0	0	0

	KA2 D				
	0	10	20	40	60
CHMLL	0	0	1	1	0
CHRML	4	6	4	7	7
COELK	0	2	0	0	0
CYCKU	0	0	1	0	0
ELAKA	0	1	0	0	0
LYNGC	2	2	0	0	0
MELOS	0	31	32	7	26
STAUR	0	1	0	0	1
STEPH	0	0	0	1	0
SYNEL	0	0	1	0	1
SYNEM	1	1	2	0	0

	KA2 E				
	0	10	20	40	60
ASTRI	3	0	23	7	0
CHRML	63	70	53	15	54
COELK	7	0	0	0	0
CYCKU	10	7	3	2	1
DINOB	103	57	67	26	8
ELAKA	0	0	7	6	0
FRAGL	0	0	17	0	0
LYNGC	20	0	33	10	0
LYNGL	7	0	13	0	0
MALLO	3	3	13	1	4
MELOS	83	123	70	33	17
OOCYS	7	3	3	3	7
OSCLT	0	10	7	0	0
PERID	0	0	0	0	2
STAUR	3	0	0	0	0
STEPH	3	10	17	0	2
SYNEL	0	13	3	1	2
SYNEM	43	73	50	25	16
ULOTH	0	0	0	0	1

OKANAGAN LAKE TEMPERATURE DEGREES CENTIGRADE

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	23.0	22.0	21.5	20.5	21.5	19.7	19.5	18.0						
10	NNNNNNN	17.0	20.0	21.0	18.5	20.0	19.2	18.8	17.2						
20	NNNNNNN	14.0	14.0	21.0	16.8	20.0	19.0	18.5	17.0						
40	NNNNNNN	10.0	9.5	19.0	11.6	15.5	17.7	17.8	16.0						
60	NNNNNNN	7.0	7.0	9.5	9.6	7.5	6.2	7.5	6.0						

TOTAL = 635.29 AVERAGE = 15.88
MINIMUM = 6.00 ON DATE 9/10 AT DEPTH 60
MAXIMUM = 23.00 ON DATE 6/4 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	23.0	24.5	22.0	20.5	21.5	19.7	18.5	18.0	12.0	7.7	4.6	2.8	3.8	8.0
10	NNNNNNN	16.0	19.0	22.0	19.2	20.5	19.7	18.8	17.5	11.3	7.7	5.2	2.7	3.8	7.0
20	NNNNNNN	14.0	14.5	22.0	16.0	19.8	19.2	18.5	17.0	11.3	8.0	5.2	2.7	3.7	6.1
40	NNNNNNN	10.0	10.0	15.5	11.0	15.0	15.0	18.0	14.0	11.0	8.0	5.4	2.6	3.6	5.4
60	NNNNNNN	7.4	6.0	12.0	9.5	7.5	6.2	8.0	6.0	11.0	8.0	5.4	3.2	3.5	4.5

TOTAL = 618.24 AVERAGE = 11.68
MINIMUM = 2.60 ON DATE 2/18 AT DEPTH 40
MAXIMUM = 24.50 ON DATE 6/18 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	25.0	24.0	23.0	20.0	21.0	20.0	20.0	18.0						
10	NNNNNNN	16.0	18.0	22.5	18.0	20.0	19.2	19.0	17.8						
20	NNNNNNN	13.0	15.0	22.5	14.6	19.0	19.0	18.9	17.2						
40	NNNNNNN	10.5	9.0	21.5	12.0	14.8	17.2	18.2	13.0						
60	NNNNNNN	7.0	5.5	12.0	7.0	8.0	6.7	6.0	6.2						

TOTAL = 637.49 AVERAGE = 15.93
MINIMUM = 5.50 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 25.00 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	19.5	21.0	18.5	20.0	20.0	18.0	19.5	17.5						
10	NNNNNNN	16.0	19.0	17.5	19.0	20.0	17.0	18.5	17.3						
20	NNNNNNN	13.0	16.0	17.5	19.0	19.0	16.8	18.2	17.2						
40	NNNNNNN	4.5	9.0	14.5	18.0	16.5	16.5	18.0	16.8						
60	NNNNNNN	8.0	6.5	10.0	6.0	11.0	14.0	10.0	8.0						

TOTAL = 622.49 AVERAGE = 15.56
MINIMUM = 4.50 ON DATE 6/3 AT DEPTH 40
MAXIMUM = 21.00 ON DATE 6/18 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	19.0	22.0	19.0	20.0	20.3	17.5	18.5	17.5	11.3	6.8	4.2	3.5	4.0	5.2
10	NNNNNNN	18.0	20.0	19.0	20.0	20.0	17.5	18.5	17.2	11.0	7.0	4.5	3.2	3.8	5.0
20	NNNNNNN	13.0	16.0	18.0	19.5	19.2	17.2	18.5	17.1	10.3	7.0	4.8	3.2	3.3	4.8
40	NNNNNNN	10.0	9.0	17.5	19.0	16.8	16.5	18.0	16.8	8.3	7.0	4.8	3.2	3.3	4.8
60	NNNNNNN	8.0	6.0	11.0	18.0	8.5	14.0	10.0	9.5	7.0	7.0	4.8	3.2	3.0	4.4

TOTAL = 815.14 AVERAGE = 11.64
MINIMUM = 3.00 ON DATE 3/26 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 6/18 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	19.5	22.0	20.0	19.7	20.5	18.2	19.0	17.5						
10	NNNNNNN	15.5	21.0	19.0	19.0	20.5	17.9	18.5	17.2						
20	NNNNNNN	12.0	16.5	18.0	18.5	19.5	17.5	18.2	17.0						
40	NNNNNNN	9.5	8.0	17.5	18.0	15.0	16.5	17.2	16.5						
60	NNNNNNN	7.5	5.5	11.0	6.2	8.6	12.0	14.2	10.5						

TOTAL = 636.09 AVERAGE = 15.90
MINIMUM = 5.50 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 6/18 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	16.3	23.0	18.0	19.0	19.5	20.0	19.0	18.0						
10	NNNNNNN	13.7	20.0	18.0	17.6	18.6	19.0	18.3	17.0						
20	NNNNNNN	11.7	18.0	18.0	16.8	18.0	18.5	18.0	16.5						
40	NNNNNNN	9.7	7.0	17.5	12.0	16.8	16.5	17.9	16.0						
60	NNNNNNN	8.0	5.5	11.0	6.0	6.5	7.0	14.2	8.0						

TOTAL = 610.29 AVERAGE = 15.25
MINIMUM = 5.50 ON DATE 6/17 AT DEPTH 60
MAXIMUM = 23.00 ON DATE 6/17 AT DEPTH 00

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	15.2	22.5	18.0	19.8	19.5	20.0	19.0	18.0	11.3	7.2	NNNNNNN	3.2	4.0	4.7
10	NNNNNNN	13.6	19.0	18.0	18.5	18.6	19.0	18.2	17.0	11.1	7.2	NNNNNNN	2.8	3.6	4.5
20	NNNNNNN	11.8	18.0	18.0	16.7	18.0	18.8	18.0	16.8	11.0	7.3	NNNNNNN	2.6	3.2	4.5
40	NNNNNNN	10.3	7.5	15.5	9.7	15.0	17.5	17.5	15.0	10.6	7.3	NNNNNNN	2.6	3.0	4.4
60	NNNNNNN	8.2	5.5	8.0	5.8	6.0	7.0	14.5	8.0	10.6	7.3	NNNNNNN	2.6	2.8	4.3

TOTAL = 745.02 AVERAGE = 11.46
MINIMUM = 2.60 ON DATE 2/19 AT DEPTH 20
MAXIMUM = 22.50 ON DATE 6/17 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	15.2	22.0	18.0	21.0	20.0	20.0	19.0	18.0						
10	NNNNNNN	13.4	19.5	18.5	18.0	19.2	19.0	18.5	17.0						
20	NNNNNNN	10.8	17.5	18.5	16.5	18.8	18.8	18.0	16.8						
40	NNNNNNN	9.6	8.0	14.0	12.5	14.0	18.2	18.0	15.0						
60	NNNNNNN	9.3	6.5	9.0	7.0	7.2	7.0	14.0	8.0						

TOTAL = 609.49 AVERAGE = 15.23
MINIMUM = 6.50 ON DATE 6/17 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 6/17 AT DEPTH 00

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	NNNNNNN	20.0	18.0	19.0	21.0	19.2	20.0	17.0						
10	NNNNNNN	NNNNNNN	19.0	18.0	19.0	20.3	19.8	19.0	17.5						
20	NNNNNNN	NNNNNNN	17.5	16.0	19.0	20.0	19.5	18.7	17.2						
40	NNNNNNN	NNNNNNN	13.0	14.0	17.5	19.0	18.5	15.0	16.9						
60	NNNNNNN	NNNNNNN	9.0	8.0	12.0	12.0	8.9	6.0	14.0						

TOTAL = 580.67 AVERAGE = 16.59
MINIMUM = 6.00 ON DATE 8/25 AT DEPTH 60
MAXIMUM = 21.00 ON DATE 7/29 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	NNNNNNN	20.0	18.0	19.0	20.0	19.0	18.5	17.5	10.7	4.9	3.2	2.8	3.5	6.5
10	NNNNNNN	NNNNNNN	18.0	18.0	19.0	20.0	19.6	18.5	17.0	10.7	4.5	3.4	2.6	3.0	6.0
20	NNNNNNN	NNNNNNN	17.0	17.0	19.0	20.0	19.4	18.5	17.0	10.5	4.5	3.4	3.2	2.8	5.6
40	NNNNNNN	NNNNNNN	12.5	12.0	17.5	17.8	17.8	11.2	16.8	10.3	4.5	3.5	2.2	2.8	5.0
60	NNNNNNN	NNNNNNN	8.0	8.0	11.0	10.5	8.5	6.0	12.0	9.8	4.6	3.6	2.2	2.8	4.5

TOTAL = 707.52 AVERAGE = 10.88
MINIMUM = 2.20 ON DATE 2/19 AT DEPTH 40
MAXIMUM = 20.00 ON DATE 6/17 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	NNNNNNN	20.0	18.0	19.0	20.0	19.5	19.5	17.5						
10	NNNNNNN	NNNNNNN	18.0	17.5	19.0	20.0	19.8	19.0	17.5						
20	NNNNNNN	NNNNNNN	17.0	17.0	18.5	20.0	19.5	19.0	17.0						
40	NNNNNNN	NNNNNNN	13.0	14.0	18.0	17.9	18.0	10.8	17.0						
60	NNNNNNN	NNNNNNN	9.0	12.0	10.5	9.5	8.0	6.2	12.0						

TOTAL = 568.37 AVERAGE = 16.23
MINIMUM = 6.20 ON DATE 8/25 AT DEPTH 60
MAXIMUM = 20.00 ON DATE 6/17 AT DEPTH 00

OKANAGAN LAKE

DISSOLVED OXYGEN MG PER L
(AT 20 DEGREES C SATURATION EQUAL 9 MG PER L
AT 10 DEGREES C SATURATION EQUAL 10.9 MG PER L)
OKANAGAN LAKE READINGS FOR 6/17, 6/18, 7/2, 7/3,
7/4, 7/17, 7/18 TAKEN AT 50 FT LEVEL

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	N	N	8.7	8.9	8.8	8.3	8.7	8.7	9.0	N	N	N	N	N	N
10	N	N	9.1	8.9	9.4	8.3	9.1	8.6	9.0	N	N	N	N	N	N
20	N	N	9.8	8.9	10.0	7.6	9.2	9.0	8.9	N	N	N	N	N	N
40	N	N	10.0	8.8	10.3	6.9	9.2	9.0	8.5	N	N	N	N	N	N
60	N	N	9.9	10.0	10.5	6.7	10.2	9.4	9.7	N	N	N	N	N	N

TOTAL = 316.37 AVERAGE = 9.03
MINIMUM = 6.70 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 10.50 ON DATE 7/18 AT DEPTH 60

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	N	N	10.0	8.3	8.8	8.3	8.8	9.0	9.2	9.3	10.4	10.8	10.7	10.6	11.2
10	N	N	10.8	8.3	9.9	7.8	9.0	8.8	9.1	9.2	10.4	10.4	11.3	10.4	11.3
20	N	N	11.2	8.3	10.2	7.1	9.0	8.7	9.0	9.3	10.3	10.2	13.2	10.2	11.6
40	N	N	11.4	8.2	10.4	6.5	9.1	8.7	8.4	9.1	10.3	9.8	12.4	10.0	11.6
60	N	N	11.2	8.6	10.6	6.0	10.3	9.3	9.8	9.1	10.3	9.6	11.9	9.8	11.3

TOTAL = 634.42 AVERAGE = 9.76
MINIMUM = 6.00 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 13.20 ON DATE 2/18 AT DEPTH 20

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	N	N	8.7	8.4	9.2	8.1	8.8	8.4	9.1	N	N	N	N	N	N
10	N	N	9.4	8.4	9.2	7.4	8.9	8.6	9.2	N	N	N	N	N	N
20	N	N	9.5	8.4	8.4	6.8	9.0	8.8	9.2	N	N	N	N	N	N
40	N	N	9.7	9.2	8.0	6.9	9.1	8.4	8.7	N	N	N	N	N	N
60	N	N	9.6	10.4	8.0	6.4	10.3	9.1	9.7	N	N	N	N	N	N

TOTAL = 305.57 AVERAGE = 8.73
MINIMUM = 6.40 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 10.40 ON DATE 7/4 AT DEPTH 60

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	N	N	8.4	9.8	9.1	10.0	9.0	8.5	9.1	N	N	N	N	N	N
10	N	N	8.7	10.0	9.3	9.5	8.9	8.7	9.0	N	N	N	N	N	N
20	N	N	9.0	10.3	9.5	9.8	9.0	9.0	8.9	N	N	N	N	N	N
40	N	N	9.6	10.5	9.6	8.7	9.2	8.2	8.8	N	N	N	N	N	N
60	N	N	9.6	10.8	9.7	8.4	9.4	8.1	9.2	N	N	N	N	N	N

TOTAL = 323.47 AVERAGE = 9.24
MINIMUM = 8.10 ON DATE 8/26 AT DEPTH 60
MAXIMUM = 10.80 ON DATE 7/4 AT DEPTH 60

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	N	N	8.2	9.2	8.6	9.7	9.1	8.7	9.0	9.8	10.3	10.9	10.2	10.0	11.1
10	N	N	8.7	9.0	8.5	9.5	8.9	8.5	8.9	9.7	10.1	10.8	10.7	10.3	13.6
20	N	N	8.8	9.2	8.6	9.0	9.0	8.4	8.8	9.7	10.0	10.6	11.3	10.3	14.0
40	N	N	9.4	9.4	8.9	8.2	9.2	8.4	8.6	9.7	10.0	10.3	12.8	10.1	12.2
60	N	N	9.5	9.4	9.1	8.0	9.4	9.0	8.6	9.7	9.9	10.0	13.4	9.8	12.3

TOTAL = 635.32 AVERAGE = 9.77
MINIMUM = 8.00 ON DATE 7/30 AT DEPTH 60
MAXIMUM = 14.00 ON DATE 4/20 AT DEPTH 20

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	N	N	8.5	9.1	N	10.0	9.0	8.6	8.9	N	N	N	N	N	N
10	N	N	8.7	9.2	N	9.5	9.0	8.7	8.7	N	N	N	N	N	N
20	N	N	9.1	9.4	N	9.5	9.0	8.9	8.6	N	N	N	N	N	N
40	N	N	9.0	9.5	N	9.2	9.3	8.8	8.5	N	N	N	N	N	N
60	N	N	9.0	9.6	N	8.8	9.8	9.1	8.9	N	N	N	N	N	N

TOTAL = 272.04 AVERAGE = 9.06
MINIMUM = 8.50 ON DATE 6/18 AT DEPTH 00
MAXIMUM = 10.00 ON DATE 7/30 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	N	N	8.4	9.2	9.0	8.6	8.7	9.0	9.2	N	N	N	N	N	N
10	N	N	8.8	9.2	9.9	7.8	8.8	9.4	9.4	N	N	N	N	N	N
20	N	N	9.0	9.2	10.0	7.2	9.0	9.2	9.4	N	N	N	N	N	N
40	N	N	10.0	9.2	10.6	6.8	9.2	9.1	9.5	N	N	N	N	N	N
60	N	N	10.0	9.5	11.2	7.0	10.0	9.4	10.0	N	N	N	N	N	N

TOTAL = 320.07 AVERAGE = 9.14
MINIMUM = 6.80 ON DATE 7/30 AT DEPTH 40
MAXIMUM = 11.20 ON DATE 7/18 AT DEPTH 60

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	N	N	9.0	9.0	8.9	8.9	8.6	8.9	9.3	9.9	10.4	N	10.1	10.5	11.1
10	N	N	9.3	8.9	9.8	8.8	8.4	8.7	9.4	9.8	10.3	N	10.4	10.6	11.6
20	N	N	9.6	8.8	9.9	8.0	8.5	8.9	9.3	9.7	10.1	N	11.0	10.6	11.9
40	N	N	10.4	8.7	10.1	7.0	8.7	9.0	9.2	9.5	10.1	N	12.3	10.5	11.8
60	N	N	10.5	9.0	10.0	7.0	9.7	9.3	10.0	9.3	10.1	N	13.1	10.4	11.8

TOTAL = 584.69 AVERAGE = 9.74
MINIMUM = 7.00 ON DATE 7/30 AT DEPTH 40
MAXIMUM = 13.10 ON DATE 2/19 AT DEPTH 60

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	N	N	7.5	6.8	8.7	8.7	8.4	8.7	9.5	N	N	N	N	N	N
10	N	N	7.7	8.8	10.2	8.8	8.3	8.9	9.7	N	N	N	N	N	N
20	N	N	7.9	8.9	10.4	8.5	8.4	8.6	9.7	N	N	N	N	N	N
40	N	N	8.7	9.4	10.4	8.0	8.5	8.4	9.6	N	N	N	N	N	N
60	N	N	8.7	9.0	11.2	7.7	9.6	9.0	10.6	N	N	N	N	N	N

TOTAL = 314.07 AVERAGE = 8.97
MINIMUM = 7.50 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 11.20 ON DATE 7/18 AT DEPTH 60

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	N	N	8.9	9.2	8.5	8.6	9.0	8.7	8.8	N	N	N	N	N	N
10	N	N	9.2	9.3	8.2	8.7	8.7	9.0	8.6	N	N	N	N	N	N
20	N	N	9.4	9.4	8.2	8.8	8.6	9.2	8.6	N	N	N	N	N	N
40	N	N	9.9	9.8	8.4	8.6	9.0	9.6	8.6	N	N	N	N	N	N
60	N	N	10.0	10.2	8.5	8.4	10.8	10.9	8.4	N	N	N	N	N	N

TOTAL = 316.87 AVERAGE = 9.05
MINIMUM = 8.20 ON DATE 7/17 AT DEPTH 10
MAXIMUM = 10.90 ON DATE 8/25 AT DEPTH 60

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	N	N	9.0	9.7	8.4	8.4	8.4	9.2	9.0	9.8	11.1	11.2	11.0	11.2	10.6
10	N	N	9.1	9.8	8.1	8.3	8.2	8.8	8.8	9.9	10.8	11.0	11.1	11.5	11.2
20	N	N	9.2	9.9	8.4	8.1	8.2	8.8	8.8	9.9	10.8	10.6	11.4	11.4	11.4
40	N	N	9.4	10.5	8.4	7.6	8.6	9.6	8.6	9.8	10.8	10.2	12.6	11.2	10.0
60	N	N	9.9	10.7	8.2	8.2	10.2	10.6	9.2	9.8	10.8	9.6	13.7	11.2	8.0

TOTAL = 638.22 AVERAGE = 9.81
MINIMUM = 7.60 ON DATE 7/29 AT DEPTH 40
MAXIMUM = 13.70 ON DATE 2/19 AT DEPTH 60

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	N	N	8.2	9.1	5.6	9.2	8.7	8.6	9.3	N	N	N	N	N	N
10	N	N	8.5	9.1	4.9	9.0	8.5	8.8	9.4	N	N	N	N	N	N
20	N	N	8.7	9.1	4.6	8.8	8.5	8.6	9.4	N	N	N	N	N	N
40	N	N	8.9	9.4	4.5	8.0	9.0	9.6	9.4	N	N	N	N	N	N
60	N	N	9.0	9.8	4.2	8.4	10.6	10.2	10.4	N	N	N	N	N	N

TOTAL = 296.17 AVERAGE = 8.46
MINIMUM = 4.20 ON DATE 7/17 AT DEPTH 60
MAXIMUM = 10.60 ON DATE 8/12 AT DEPTH 60

OKANAGAN LAKE ELECTRICAL CONDUCTIVITY MICROMHOS

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	170.	130.	170.	140.	140.	120.	155.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	160.	140.	170.	130.	130.	115.	150.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	140.	130.	170.	130.	130.	120.	145.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	130.	115.	170.	120.	130.	140.	145.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	130.	110.	150.	110.	105.	160.	130.	110.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 5460.19 AVERAGE = 136.50
MINIMUM = 105.00 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 170.00 ON DATE 6/4 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	170.	160.	175.	140.	135.	130.	160.	130.	202.	185.	169.	159.	171.	223.
10	NNNNNNN	150.	140.	175.	140.	130.	125.	150.	130.	200.	181.	165.	160.	168.	218.
20	NNNNNNN	140.	130.	175.	135.	130.	125.	150.	130.	202.	182.	165.	159.	174.	205.
40	NNNNNNN	130.	120.	175.	120.	125.	125.	150.	130.	199.	181.	163.	159.	174.	210.
60	NNNNNNN	130.	110.	155.	110.	105.	105.	130.	110.	200.	182.	167.	160.	172.	217.

TOTAL = 10957.32 AVERAGE = 156.53
MINIMUM = 105.00 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 223.00 ON DATE 4/20 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	190.	150.	170.	140.	125.	130.	150.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	160.	140.	180.	130.	120.	130.	150.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	150.	130.	180.	130.	120.	130.	150.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	130.	120.	180.	120.	105.	125.	130.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	130.	110.	160.	120.	100.	110.	130.	110.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 5415.19 AVERAGE = 135.37
MINIMUM = 100.00 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 190.00 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	140.	130.	170.	NNNNNNN	130.	120.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	140.	130.	170.	NNNNNNN	130.	120.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	135.	120.	170.	NNNNNNN	130.	115.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	120.	110.	165.	NNNNNNN	120.	115.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	120.	100.	150.	NNNNNNN	110.	110.	110.	110.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 4450.17 AVERAGE = 127.14
MINIMUM = 100.00 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 170.00 ON DATE 7/4 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	140.	140.	180.	NNNNNNN	140.	120.	120.	120.	203.	179.	169.	162.	176.	203.
10	NNNNNNN	130.	130.	175.	NNNNNNN	130.	120.	120.	120.	199.	179.	154.	161.	194.	196.
20	NNNNNNN	130.	110.	175.	NNNNNNN	130.	120.	120.	120.	193.	179.	165.	159.	196.	200.
40	NNNNNNN	120.	NNNNNNN	170.	NNNNNNN	125.	115.	120.	120.	164.	178.	165.	159.	199.	187.
60	NNNNNNN	120.	NNNNNNN	160.	NNNNNNN	110.	105.	115.	110.	176.	178.	164.	159.	203.	200.

TOTAL = 9699.30 AVERAGE = 153.95
MINIMUM = 105.00 ON DATE 8/13 AT DEPTH 60
MAXIMUM = 203.00 ON DATE 10/21 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	140.	140.	180.	NNNNNNN	140.	120.	130.	125.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	140.	140.	180.	NNNNNNN	130.	120.	130.	125.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	130.	130.	175.	NNNNNNN	130.	120.	130.	125.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	120.	110.	170.	NNNNNNN	120.	115.	125.	125.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	120.	100.	160.	NNNNNNN	110.	110.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 4605.17 AVERAGE = 131.57
MINIMUM = 100.00 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 180.00 ON DATE 7/4 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	130.	130.	170.	350.	130.	130.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	130.	140.	170.	120.	120.	130.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	130.	130.	170.	130.	130.	125.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	130.	110.	170.	130.	130.	120.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	120.	110.	160.	110.	110.	110.	110.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 5405.19 AVERAGE = 135.12
MINIMUM = 110.00 ON DATE 6/17 AT DEPTH 40
MAXIMUM = 350.00 ON DATE 7/18 AT DEPTH 00

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	110.	150.	250.	130.	130.	130.	120.	140.	199.	177.	NNNNNNN	158.	194.	192.
10	NNNNNNN	120.	130.	240.	110.	130.	130.	120.	140.	199.	176.	NNNNNNN	160.	210.	199.
20	NNNNNNN	120.	130.	250.	130.	130.	130.	120.	140.	194.	176.	NNNNNNN	159.	201.	189.
40	NNNNNNN	100.	110.	250.	120.	130.	125.	115.	130.	199.	176.	NNNNNNN	157.	198.	193.
60	NNNNNNN	120.	110.	230.	110.	100.	110.	110.	120.	196.	177.	NNNNNNN	161.	195.	187.

TOTAL = 10142.30 AVERAGE = 156.03
MINIMUM = 100.00 ON DATE 6/3 AT DEPTH 40
MAXIMUM = 250.00 ON DATE 7/3 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	100.	120.	250.	140.	140.	130.	120.	135.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	90.	130.	260.	130.	125.	130.	120.	135.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	130.	130.	255.	130.	140.	130.	120.	135.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	130.	110.	250.	125.	130.	130.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	120.	110.	230.	120.	110.	110.	110.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 5580.19 AVERAGE = 139.50
MINIMUM = 90.00 ON DATE 6/3 AT DEPTH 10
MAXIMUM = 260.00 ON DATE 7/3 AT DEPTH 10

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	130.	130.	125.	130.	150.	130.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	130.	130.	130.	130.	145.	130.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	120.	130.	125.	130.	145.	130.	120.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	120.	120.	115.	130.	140.	125.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	110.	110.	105.	120.	120.	110.	100.	125.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 4990.19 AVERAGE = 124.75
MINIMUM = 100.00 ON DATE 8/25 AT DEPTH 60
MAXIMUM = 150.00 ON DATE 7/29 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	100.	100.	120.	125.	140.	130.	120.	125.	189.	163.	161.	164.	NNNNNNN	224.
10	NNNNNNN	100.	110.	125.	130.	140.	130.	120.	125.	186.	163.	159.	157.	NNNNNNN	225.
20	NNNNNNN	100.	120.	125.	130.	140.	130.	120.	125.	186.	165.	159.	155.	NNNNNNN	222.
40	NNNNNNN	100.	110.	120.	130.	140.	125.	110.	125.	186.	163.	159.	NNNNNNN	NNNNNNN	207.
60	NNNNNNN	100.	105.	110.	NNNNNNN	120.	110.	100.	120.	189.	165.	158.	NNNNNNN	NNNNNNN	210.

TOTAL = 8770.30 AVERAGE = 141.45
MINIMUM = 100.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 225.00 ON DATE 4/20 AT DEPTH 10

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	110.	120.	110.	135.	145.	130.	115.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	120.	130.	120.	120.	140.	130.	110.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	100.	120.	120.	125.	140.	130.	120.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	110.	120.	110.	130.	140.	125.	110.	130.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	110.	110.	100.	110.	125.	110.	100.	120.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 4840.19 AVERAGE = 121.00
MINIMUM = 100.00 ON DATE 6/3 AT DEPTH 20
MAXIMUM = 145.00 ON DATE 7/29 AT DEPTH 00

OKANAGAN LAKE TOTAL RESIDUE MG PER L

STATION 1

DEPTH	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	172.	111.	116.	147.	94.	136.	122.	161.						
10	170.	120.	107.	149.	103.	122.	148.	151.						
20	166.	105.	123.	107.	110.	111.	117.	150.						
40	182.	95.	144.	114.	120.	132.	150.	162.						
60	167.	139.	116.	99.	118.	137.	145.	164.						

TOTAL = 5302.19 AVERAGE = 132.55
MINIMUM = 94.00 ON DATE 7/31 AT DEPTH 00
MAXIMUM = 182.00 ON DATE 6/4 AT DEPTH 40

STATION 2

DEPTH	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	206.	91.	144.	172.	143.	139.	117.	172.	157.	162.	161.	145.	149.	149.
10	156.	103.	157.	126.	147.	145.	125.	169.	155.	169.	153.	137.	136.	148.
20	173.	100.	109.	127.	138.	113.	127.	168.	160.	162.	159.	147.	152.	147.
40	159.	96.	138.	162.	107.	124.	111.	169.	159.	168.	157.	155.	152.	141.
60	148.	101.	124.	121.	128.	145.	134.	159.	167.	167.	165.	142.	141.	161.

TOTAL = 10116.33 AVERAGE = 144.51
MINIMUM = 91.00 ON DATE 6/18 AT DEPTH 00
MAXIMUM = 206.00 ON DATE 6/4 AT DEPTH 00

STATION 3

DEPTH	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	187.	136.	120.	118.	131.	129.	122.	166.						
10	185.	156.	128.	105.	116.	137.	139.	161.						
20	136.	120.	156.	130.	105.	120.	122.	159.						
40	165.	127.	125.	115.	112.	104.	154.	157.						
60	166.	124.	153.	110.	112.	126.	152.	174.						

TOTAL = 5460.19 AVERAGE = 136.50
MINIMUM = 104.00 ON DATE 8/13 AT DEPTH 40
MAXIMUM = 187.00 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	139.	93.	105.	103.	120.	112.	145.	150.						
10	160.	82.	134.	106.	122.	114.	149.	143.						
20	162.	120.	159.	133.	106.	140.	140.	156.						
40	159.	111.	151.	134.	114.	145.	135.	127.						
60	170.	116.	125.	108.		133.	137.	126.						

TOTAL = 5084.19 AVERAGE = 130.36
MINIMUM = 82.00 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 170.00 ON DATE 6/3 AT DEPTH 60

STATION 5

DEPTH	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	128.	94.	95.	108.	111.	103.	130.	140.	166.	158.	174.	154.	149.	149.
10	149.	114.	98.	129.	113.	98.	141.	133.	168.	157.	172.	160.	149.	154.
20	135.	118.	98.	125.	121.	98.	135.	148.	161.	170.	165.	163.	145.	148.
40	126.	118.	96.	134.	118.	104.	133.	156.	165.	150.	164.	156.	150.	146.
60	117.	104.	114.	129.	121.	89.	123.	156.	165.	148.	154.	168.	136.	155.

TOTAL = 9521.33 AVERAGE = 136.01
MINIMUM = 89.00 ON DATE 8/13 AT DEPTH 60
MAXIMUM = 174.00 ON DATE 12/18 AT DEPTH 00

STATION 6

DEPTH	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	60.	96.	104.	121.	142.	107.	127.	138.						
10	108.	108.	108.	114.	175.	143.	127.	147.						
20	116.	100.	111.	96.	156.	106.	117.	156.						
40	142.	95.	111.	107.	141.	122.	115.	146.						
60	125.	93.		98.	146.	103.	116.	151.						

TOTAL = 4694.19 AVERAGE = 120.36
MINIMUM = 60.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 175.00 ON DATE 7/30 AT DEPTH 10

STATION 7

DEPTH	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	112.	103.	127.	146.	111.	78.	137.	127.						
10	145.	107.	117.	137.	113.	136.	154.	132.						
20	156.	107.	116.	136.	121.	105.	145.	126.						
40	129.	115.	121.	132.	104.	123.	158.	155.						
60	133.	96.	117.	133.	112.	101.	131.	127.						

TOTAL = 4983.19 AVERAGE = 124.57
MINIMUM = 78.00 ON DATE 8/12 AT DEPTH 00
MAXIMUM = 158.00 ON DATE 8/25 AT DEPTH 40

STATION 8

DEPTH	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	119.	87.		108.	98.	96.	178.	143.	176.	156.		169.	159.	173.
10	138.	99.	126.	107.	106.	92.	146.	117.	172.	164.		170.	158.	145.
20	137.	101.	109.	100.	105.	116.	165.	132.	172.	150.		166.	148.	142.
40	165.	112.	117.	101.	113.	91.	151.	131.	162.	156.		169.	156.	138.
60	156.	102.	207.	135.	105.	109.	162.	132.	180.	147.		167.	158.	159.

TOTAL = 6826.31 AVERAGE = 137.91
MINIMUM = 87.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 207.00 ON DATE 7/3 AT DEPTH 60

STATION 9

DEPTH	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	177.	95.	141.	139.	120.	92.	158.	163.						
10	185.	110.	146.	148.	127.	113.	156.	162.						
20	192.	129.	144.	125.	105.	112.	153.	169.						
40	192.	112.	145.	131.	120.	120.	154.	164.						
60	187.	123.	147.	144.	126.	112.	129.	159.						

TOTAL = 5626.19 AVERAGE = 140.65
MINIMUM = 92.00 ON DATE 8/12 AT DEPTH 00
MAXIMUM = 192.00 ON DATE 6/3 AT DEPTH 20

STATION 10

DEPTH	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	129.	114.	110.	144.	122.	104.	153.	146.						
10	147.	118.	123.	138.	110.	114.	158.	133.						
20	141.	92.	115.	131.	109.	100.	125.	136.						
40	153.	98.	120.	124.	115.	94.	124.	158.						
60	149.	107.	143.	127.	111.	107.	158.	157.						

TOTAL = 5057.19 AVERAGE = 126.42
MINIMUM = 92.00 ON DATE 6/17 AT DEPTH 20
MAXIMUM = 158.00 ON DATE 8/25 AT DEPTH 10

STATION 11

DEPTH	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	142.	92.	113.	117.	113.	119.	146.	125.	169.	154.	148.	141.	156.	130.
10	169.	101.	141.	123.	115.	114.	133.	143.	170.	147.	140.	145.	148.	138.
20	145.	98.	120.	129.	118.	94.	133.	140.	160.	158.	143.	149.	152.	136.
40	151.	96.	125.	126.	117.	137.	146.	157.	156.	158.	161.		154.	133.
60	142.	116.	123.	123.	126.	112.	156.	141.	153.	154.	146.		166.	138.

TOTAL = 9280.32 AVERAGE = 136.47
MINIMUM = 92.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 170.00 ON DATE 10/24 AT DEPTH 10

STATION 12

DEPTH	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	144.	99.	119.	141.	122.	130.	150.	160.						
10	140.	92.	128.	87.	123.	133.	145.	174.						
20	153.	104.	124.	92.	123.	123.	143.	168.						
40	136.	105.	125.	124.	126.	145.	144.	161.						
60	178.	100.	125.	125.	133.	127.	134.	178.						

TOTAL = 5283.19 AVERAGE = 132.07
MINIMUM = 87.00 ON DATE 7/17 AT DEPTH 10
MAXIMUM = 178.00 ON DATE 6/3 AT DEPTH 60

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STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	72.0	41.0	51.0	36.0	20.0	56.0	31.0	60.0						
10	NNNNNNN	54.0	29.0	50.0	29.0	21.0	55.0	41.0	45.0						
20	NNNNNNN	67.0	36.0	31.0	25.0	13.0	57.0	31.0	54.0						
40	NNNNNNN	73.0	44.0	12.0	34.0	29.0	48.0	51.0	56.0						
60	NNNNNNN	63.0	43.0	31.0	22.0	29.0	49.0	30.0	56.0						

TOTAL = 1675.19 AVERAGE = 41.87
MINIMUM = 12.00 ON DATE 7/4 AT DEPTH 40
MAXIMUM = 73.00 ON DATE 6/4 AT DEPTH 40

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	91.0	31.0	39.0	47.0	53.0	46.0	39.0	49.0	52.0	58.0		26.0	36.0	31.0
10	NNNNNNN	36.0	47.0	55.0	24.0	48.0	57.0	36.0	59.0	22.0	44.0		20.0	25.0	31.0
20	NNNNNNN	61.0	46.0	35.0	23.0	43.0	31.0	45.0	53.0	36.0	47.0		42.0	38.0	58.0
40	NNNNNNN	51.0	67.0	69.0	20.0	32.0	40.0	37.0	50.0	27.0	28.0	35.0	40.0	23.0	45.0
60	NNNNNNN	48.0	57.0	55.0	21.0	33.0	41.0	47.0	51.0	39.0	29.0	44.0	45.0	33.0	63.0

TOTAL = 2852.32 AVERAGE = 42.57
MINIMUM = 20.00 ON DATE 2/18 AT DEPTH 10
MAXIMUM = 91.00 ON DATE 6/4 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	53.0	41.0	60.0	38.0	30.0	44.0	34.0	50.0						
10	NNNNNNN	36.0	36.0	53.0	25.0	34.0	34.0	51.0	44.0						
20	NNNNNNN	66.0	46.0	90.0	40.0	30.0	34.0	37.0	49.0						
40	NNNNNNN	56.0	58.0	71.0	24.0	13.0	26.0	48.0	45.0						
60	NNNNNNN	38.0	81.0	74.0	27.0	27.0	42.0	24.0	44.0						

TOTAL = 1753.19 AVERAGE = 43.82
MINIMUM = 13.00 ON DATE 7/31 AT DEPTH 40
MAXIMUM = 90.00 ON DATE 7/4 AT DEPTH 20

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/16	2/19	3/26	4/20
00	NNNNNNN	39.0	79.0	49.0	40.0	7.0	29.0	47.0	58.0						
10	NNNNNNN	56.0	50.0	80.0	43.0	19.0	30.0	42.0	39.0						
20	NNNNNNN	52.0	54.0	78.0	51.0	8.0	25.0	35.0	69.0						
40	NNNNNNN	78.0	21.0	85.0	42.0	2.0	40.0	28.0	52.0						
60	NNNNNNN	72.0	24.0	48.0	36.0		27.0	47.0	39.0						

TOTAL = 1720.19 AVERAGE = 44.10
MINIMUM = 2.00 ON DATE 7/30 AT DEPTH 40
MAXIMUM = 85.00 ON DATE 7/4 AT DEPTH 40

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	26.0	18.0	30.0	49.0	9.0	51.0	37.0	44.0	24.0	21.0		43.0	25.0	45.0
10	NNNNNNN	20.0	30.0	31.0	52.0	9.0	42.0	42.0	46.0	35.0	37.0		29.0	28.0	49.0
20	NNNNNNN	38.0	32.0	37.0	46.0	21.0	44.0	39.0	49.0	24.0	25.0		42.0	34.0	72.0
40	NNNNNNN	33.0	32.0	28.0	49.0	16.0	46.0	55.0	52.0	35.0	23.0	44.0	33.0	22.0	74.0
60	NNNNNNN	37.0	22.0	40.0	34.0	19.0	39.0	54.0	55.0	21.0	12.0	42.0	37.0	39.0	51.0

TOTAL = 2419.32 AVERAGE = 36.10
MINIMUM = 9.00 ON DATE 7/30 AT DEPTH 00
MAXIMUM = 74.00 ON DATE 4/20 AT DEPTH 40

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	17.0	33.0	38.0	34.0	38.0	48.0	54.0	55.0						
10	NNNNNNN	24.0	34.0	44.0	22.0	42.0	47.0	53.0	42.0						
20	NNNNNNN	23.0	29.0	43.0	29.0	38.0	50.0	59.0	51.0						
40	NNNNNNN	47.0	45.0	41.0	33.0	31.0	49.0	51.0	41.0						
60	NNNNNNN	29.0	55.0		32.0	33.0	42.0	55.0	38.0						

TOTAL = 1569.19 AVERAGE = 40.23
MINIMUM = 17.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 59.00 ON DATE 8/26 AT DEPTH 20

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	40.0	35.0	33.0	47.0	35.0	36.0	53.0							
10	NNNNNNN	36.0	34.0	29.0	30.0	36.0	63.0	41.0	57.0						
20	NNNNNNN	62.0	31.0	30.0	42.0	42.0	42.0	51.0	44.0						
40	NNNNNNN	43.0	30.0	23.0	32.0	32.0	62.0	39.0	62.0						
60	NNNNNNN	59.0	22.0	31.0	26.0	34.0	35.0	20.0	39.0						

TOTAL = 1538.19 AVERAGE = 39.44
MINIMUM = 20.00 ON DATE 8/25 AT DEPTH 60
MAXIMUM = 63.00 ON DATE 8/12 AT DEPTH 10

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	50.0	23.0		29.0	31.0	60.0	46.0	53.0	53.0	30.0		26.0	48.0	54.0
10	NNNNNNN	72.0	25.0	18.0	23.0	35.0	53.0	42.0	34.0	51.0	23.0		38.0	40.0	44.0
20	NNNNNNN	52.0	25.0	30.0	21.0	30.0	37.0	41.0	46.0	54.0	28.0		32.0	25.0	72.0
40	NNNNNNN	87.0	28.0	27.0	19.0	44.0	20.0	49.0	34.0	51.0	16.0		43.0		57.0
60	NNNNNNN	69.0	34.0	52.0	35.0	37.0	39.0	54.0	42.0	51.0	29.0		32.0		74.0

TOTAL = 2517.30 AVERAGE = 40.60
MINIMUM = 16.00 ON DATE 11/19 AT DEPTH 40
MAXIMUM = 87.00 ON DATE 6/3 AT DEPTH 40

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	37.0	41.0	50.0	25.0	23.0	32.0	53.0	42.0						
10	NNNNNNN	41.0	35.0	51.0	24.0	25.0	50.0	36.0	36.0						
20	NNNNNNN	35.0	50.0	72.0	32.0	12.0	45.0	56.0	33.0						
40	NNNNNNN	33.0	35.0	62.0	28.0	15.0	49.0	36.0	31.0						
60	NNNNNNN	53.0	53.0	47.0	15.0	21.0	35.0	50.0	34.0						

TOTAL = 1533.19 AVERAGE = 38.32
MINIMUM = 12.00 ON DATE 7/30 AT DEPTH 20
MAXIMUM = 72.00 ON DATE 7/3 AT DEPTH 20

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	43.0	42.0	24.0	46.0	38.0	35.0	33.0	36.0						
10	NNNNNNN	61.0	39.0	24.0	48.0	37.0	41.0	56.0	41.0						
20	NNNNNNN	46.0	40.0	26.0	43.0	35.0	44.0	45.0	40.0						
40	NNNNNNN	78.0	64.0	31.0	37.0	38.0	30.0	40.0	46.0						
60	NNNNNNN	60.0	52.0	30.0	45.0	36.0	40.0	37.0	38.0						

TOTAL = 1665.19 AVERAGE = 41.62
MINIMUM = 24.00 ON DATE 7/2 AT DEPTH 00
MAXIMUM = 78.00 ON DATE 6/3 AT DEPTH 40

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	72.0	20.0	21.0	30.0	45.0	45.0	82.0	46.0	45.0	18.0		40.0	40.0	56.0
10	NNNNNNN	90.0	34.0	43.0	28.0	31.0	44.0	52.0	36.0	47.0	24.0	24.0	43.0	43.0	67.0
20	NNNNNNN	63.0	36.0	34.0	35.0	35.0	33.0	70.0	42.0	37.0	13.0		22.0	52.0	50.0
40	NNNNNNN	79.0	28.0	47.0	33.0	27.0	50.0	50.0	44.0	46.0	28.0	25.0		50.0	70.0
60	NNNNNNN	71.0	58.0	36.0	27.0	39.0	38.0	58.0	44.0	22.0	23.0	43.0		46.0	59.0

TOTAL = 2829.32 AVERAGE = 42.86
MINIMUM = 13.00 ON DATE 11/25 AT DEPTH 20
MAXIMUM = 90.00 ON DATE 6/3 AT DEPTH 10

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	75.0	48.0	44.0	48.0	25.0	34.0	58.0	50.0						
10	NNNNNNN	65.0	33.0	38.0	26.0	32.0	42.0	41.0	54.0						
20	NNNNNNN		33.0	49.0	23.0	21.0	26.0	39.0	49.0						
40	NNNNNNN	56.0	46.0	40.0	25.0	37.0	41.0	48.0	46.0						
60	NNNNNNN	58.0	37.0	48.0	35.0	23.0	34.0	42.0	46.0						

TOTAL = 1615.19 AVERAGE = 41.41
MINIMUM = 21.00 ON DATE 7/29 AT DEPTH 20
MAXIMUM = 75.00 ON DATE 6/3 AT DEPTH 00

OKANAGAN LAKE PH METER READINGS

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.6	9.0	8.8	8.9	8.9	8.9	8.9	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.6	8.9	8.8	8.7	8.8	8.9	8.8	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.6	8.7	8.8	8.7	8.8	8.9	8.6	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.5	8.6	8.7	8.5	8.7	8.8	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.4	8.4	8.4	8.4	8.4	8.4	8.3	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 347.59 AVERAGE = 8.68
MINIMUM = 8.30 ON DATE 9/10 AT DEPTH 60
MAXIMUM = 9.00 ON DATE 6/18 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.6	8.8	8.7	8.8	8.9	8.7	8.8	8.8	8.5	9.1	8.3	8.3	8.4	8.4
10	NNNNNNN	8.6	8.8	8.7	8.8	8.8	8.9	8.8	8.8	8.5	8.5	8.4	8.3	8.4	8.4
20	NNNNNNN	8.6	8.8	8.7	8.8	8.8	8.8	8.8	8.8	8.5	8.5	8.4	8.3	8.4	8.4
40	NNNNNNN	8.6	8.6	8.7	8.5	8.7	8.8	8.8	8.7	8.5	8.4	8.4	8.2	8.4	8.4
60	NNNNNNN	8.5	8.5	8.3	8.4	8.4	8.4	8.4	8.4	8.5	8.4	8.4	8.2	8.4	8.5

TOTAL = 600.14 AVERAGE = 8.57
MINIMUM = 8.20 ON DATE 2/18 AT DEPTH 40
MAXIMUM = 9.10 ON DATE 11/21 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.7	8.9	8.7	8.8	8.9	8.7	8.9	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.7	8.8	8.7	8.8	8.9	8.9	8.8	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.6	8.8	8.7	8.6	8.9	8.9	8.8	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.5	8.6	8.6	8.5	8.8	8.8	8.8	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.5	8.3	8.4	8.5	8.5	8.5	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 348.19 AVERAGE = 8.70
MINIMUM = 8.30 ON DATE 7/4 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 6/18 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	8.6	8.8	8.6	8.8	8.8	8.8	8.9	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.6	8.8	8.6	8.7	8.7	8.7	8.9	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.6	8.7	8.5	8.7	8.7	8.7	8.9	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.5	8.6	8.5	8.7	8.6	8.7	8.8	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.5	8.3	8.4	8.4	8.6	8.6	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 345.89 AVERAGE = 8.64
MINIMUM = 8.30 ON DATE 7/4 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 8/26 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	8.6	8.9	8.6	8.8	8.7	8.7	8.7	8.6	8.5	8.3	8.3	8.1	8.3	8.3
10	NNNNNNN	8.6	8.9	8.6	8.7	8.7	8.7	8.7	8.6	8.5	8.3	8.3	8.1	8.3	8.3
20	NNNNNNN	8.6	8.8	8.6	8.7	8.7	8.7	8.7	8.6	8.4	8.3	8.4	8.1	8.3	8.3
40	NNNNNNN	8.6	8.7	8.5	8.7	8.6	8.7	8.7	8.6	8.3	8.3	8.3	8.0	8.3	8.3
60	NNNNNNN	8.6	8.5	8.4	8.4	8.4	8.6	8.4	8.4	8.3	8.2	8.3	8.0	8.3	8.3

TOTAL = 593.94 AVERAGE = 8.48
MINIMUM = 8.00 ON DATE 2/19 AT DEPTH 40
MAXIMUM = 8.90 ON DATE 6/18 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	8.6	8.8	8.6	8.8	8.7	8.8	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.6	8.9	8.6	8.8	8.7	8.8	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.6	8.8	8.6	8.8	8.7	8.8	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.6	8.7	8.5	8.7	8.7	8.8	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.6	8.4	8.5	8.5	8.6	8.6	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 346.49 AVERAGE = 8.66
MINIMUM = 8.40 ON DATE 7/4 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 6/18 AT DEPTH 10

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	8.6	9.1	8.8	8.8	8.8	8.8	8.8	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.5	8.8	8.6	8.8	8.8	8.7	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.5	8.7	8.6	8.8	8.8	8.7	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.5	8.5	8.6	8.6	8.8	8.7	8.7	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.4	8.4	8.4	NNNNNNN	8.4	8.6	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 337.69 AVERAGE = 8.65
MINIMUM = 8.40 ON DATE 6/17 AT DEPTH 60
MAXIMUM = 9.10 ON DATE 6/17 AT DEPTH 00

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	8.6	8.7	8.9	8.8	8.8	8.8	8.7	8.7	8.8	8.3	NNNNNNN	8.1	8.4	8.3
10	NNNNNNN	8.6	8.7	8.6	8.8	8.8	8.8	8.7	8.7	8.5	8.3	NNNNNNN	8.1	8.4	8.3
20	NNNNNNN	8.5	8.7	8.6	8.8	8.8	8.8	8.7	8.7	8.5	8.3	NNNNNNN	8.2	8.4	8.3
40	NNNNNNN	8.5	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.5	8.3	NNNNNNN	8.2	8.4	8.3
60	NNNNNNN	8.5	8.5	8.4	8.5	8.5	8.5	8.6	8.3	8.5	8.3	NNNNNNN	8.2	8.4	8.3

TOTAL = 555.12 AVERAGE = 8.54
MINIMUM = 8.10 ON DATE 2/19 AT DEPTH 00
MAXIMUM = 8.90 ON DATE 7/3 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	8.5	8.7	8.6	8.8	8.8	8.8	8.7	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.5	8.7	8.6	8.8	8.7	8.8	8.6	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.5	8.7	8.6	8.8	8.7	8.8	8.6	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.5	8.6	8.5	8.7	8.7	8.8	8.6	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.5	8.3	8.5	8.4	8.5	8.5	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 345.69 AVERAGE = 8.64
MINIMUM = 8.30 ON DATE 7/3 AT DEPTH 60
MAXIMUM = 8.80 ON DATE 7/18 AT DEPTH 00

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	8.8	8.7	8.8	8.8	8.9	8.8	8.7	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.6	8.7	8.6	8.7	8.7	8.8	8.7	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.5	8.7	8.6	8.7	8.7	8.8	8.7	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.4	8.6	8.5	8.7	8.7	8.8	8.6	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.4	8.6	8.5	8.5	8.5	8.6	8.4	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 346.39 AVERAGE = 8.65
MINIMUM = 8.40 ON DATE 6/3 AT DEPTH 40
MAXIMUM = 8.90 ON DATE 7/29 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	8.4	8.7	8.6	8.7	8.8	8.8	8.7	8.8	8.4	8.1	8.2	8.3	8.4	8.3
10	NNNNNNN	8.4	8.7	8.6	8.7	8.8	8.8	8.7	8.8	8.4	8.2	8.2	8.3	8.3	8.3
20	NNNNNNN	8.5	8.7	8.6	8.7	8.8	8.8	8.7	8.7	8.4	8.1	8.3	8.2	8.3	8.3
40	NNNNNNN	8.4	8.7	8.6	8.7	8.7	8.8	8.6	8.6	8.3	8.1	8.4	NNNNNNN	8.4	8.3
60	NNNNNNN	8.4	8.6	8.5	8.6	8.6	8.6	8.4	8.6	8.3	8.1	8.3	NNNNNNN	8.4	8.3

TOTAL = 578.13 AVERAGE = 8.50
MINIMUM = 8.10 ON DATE 11/25 AT DEPTH 00
MAXIMUM = 8.80 ON DATE 7/29 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	8.4	8.7	8.6	8.8	8.8	8.8	8.7	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.4	8.7	8.6	8.8	8.8	8.8	8.7	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.4	8.7	8.6	8.7	8.8	8.8	8.7	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.4	8.7	8.6	8.7	8.8	8.8	8.6	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.4	8.6	8.5	8.6	8.6	8.6	8.4	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 346.29 AVERAGE = 8.65
MINIMUM = 8.40 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 8.80 ON DATE 7/17 AT DEPTH 00

OKANAGAN LAKE BICARBONATE ION MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	61.	62.	84.	66.	59.	96.	73.	61.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	73.	65.	85.	79.	68.	101.	73.	65.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	92.	67.	84.	51.	71.	98.	68.	56.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	101.	77.	91.	69.	79.	88.	82.	67.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	64.	67.	71.	53.	79.	97.	90.	67.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3000.19 AVERAGE = 75.00
MINIMUM = 51.00 ON DATE 7/18 AT DEPTH 20
MAXIMUM = 101.00 ON DATE 8/13 AT DEPTH 10

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	61.	71.	76.	72.	70.	99.	63.	73.	86.	79.	101.	99.	92.	103.
10	NNNNNNN	49.	69.	85.	70.	90.	107.	79.	72.	87.	81.	99.	93.	90.	97.
20	NNNNNNN	61.	73.	80.	64.	83.	96.	82.	76.	93.	83.	97.	96.	87.	103.
40	NNNNNNN	89.	70.	84.	83.	72.	89.	68.	60.	92.	83.	107.	100.	96.	102.
60	NNNNNNN	80.	72.	89.	74.	90.	105.	74.	71.	98.	78.	105.	100.	95.	103.

TOTAL = 5916.34 AVERAGE = 84.51
MINIMUM = 49.00 ON DATE 6/4 AT DEPTH 10
MAXIMUM = 107.00 ON DATE 8/13 AT DEPTH 10

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	70.	67.	82.	76.	73.	104.	67.	71.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	64.	64.	84.	66.	65.	104.	78.	72.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	89.	65.	81.	86.	74.	96.	72.	66.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	86.	71.	88.	76.	71.	96.	68.	82.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	89.	75.	84.	78.	77.	107.	79.	68.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3131.19 AVERAGE = 78.27
MINIMUM = 64.00 ON DATE 6/4 AT DEPTH 10
MAXIMUM = 107.00 ON DATE 8/13 AT DEPTH 60

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	67.	47.	85.	84.	63.	91.	86.	69.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	89.	83.	82.	79.	59.	92.	79.	53.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	89.	77.	83.	93.	73.	108.	81.	60.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	74.	70.	65.	86.	84.	102.	63.	66.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	89.	77.	85.	62.	77.	101.	67.	73.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3113.19 AVERAGE = 77.82
MINIMUM = 47.00 ON DATE 6/18 AT DEPTH 00
MAXIMUM = 108.00 ON DATE 8/13 AT DEPTH 20

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	61.	61.	83.	72.	73.	68.	68.	70.	98.	84.	95.	108.	94.	91.
10	NNNNNNN	46.	70.	72.	82.	73.	60.	73.	67.	98.	76.	95.	98.	96.	111.
20	NNNNNNN	73.	72.	74.	82.	84.	60.	81.	60.	96.	86.	93.	101.	93.	109.
40	NNNNNNN	61.	71.	67.	87.	80.	66.	73.	79.	99.	82.	97.	103.	101.	96.
60	NNNNNNN	95.	59.	71.	91.	88.	60.	73.	78.	101.	78.	95.	95.	101.	114.

TOTAL = 5770.34 AVERAGE = 82.43
MINIMUM = 46.00 ON DATE 6/3 AT DEPTH 10
MAXIMUM = 114.00 ON DATE 4/20 AT DEPTH 60

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	49.	70.	73.	99.	71.	91.	60.	83.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	58.	67.	69.	71.	82.	92.	84.	78.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	61.	61.	79.	73.	84.	89.	82.	79.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	52.	55.	76.	82.	82.	98.	85.	69.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	73.	65.	78.	75.	93.	92.	79.	79.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3058.19 AVERAGE = 76.45
MINIMUM = 49.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 99.00 ON DATE 7/17 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	70.	77.	74.	64.	54.	58.	76.	81.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	73.	59.	60.	58.	57.	65.	75.	94.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	104.	42.	65.	53.	67.	60.	79.	73.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	86.	71.	69.	56.	60.	65.	61.	74.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	100.	63.	86.	62.	63.	63.	86.	93.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 2816.19 AVERAGE = 70.40
MINIMUM = 42.00 ON DATE 6/17 AT DEPTH 20
MAXIMUM = 104.00 ON DATE 6/3 AT DEPTH 20

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	89.	60.	NNNNNNN	74.	61.	60.	89.	84.	87.	81.	NNNNNNN	107.	102.	85.
10	NNNNNNN	92.	67.	74.	58.	51.	58.	77.	72.	86.	82.	NNNNNNN	105.	95.	89.
20	NNNNNNN	98.	72.	71.	66.	57.	57.	79.	68.	88.	79.	NNNNNNN	93.	95.	86.
40	NNNNNNN	92.	73.	71.	60.	66.	58.	81.	77.	88.	90.	NNNNNNN	101.	89.	87.
60	NNNNNNN	99.	67.	83.	82.	61.	70.	82.	71.	88.	85.	NNNNNNN	103.	101.	111.

TOTAL = 5130.31 AVERAGE = 80.16
MINIMUM = 51.00 ON DATE 7/30 AT DEPTH 10
MAXIMUM = 111.00 ON DATE 4/20 AT DEPTH 60

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	98.	64.	89.	67.	70.	83.	82.	80.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	92.	76.	92.	73.	59.	83.	81.	73.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	92.	85.	95.	42.	59.	83.	81.	75.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	98.	82.	101.	63.	60.	83.	61.	79.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	119.	84.	101.	78.	72.	86.	87.	73.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3223.19 AVERAGE = 80.57
MINIMUM = 42.00 ON DATE 7/18 AT DEPTH 20
MAXIMUM = 119.00 ON DATE 6/3 AT DEPTH 60

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	104.	83.	75.	82.	62.	81.	82.	81.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	66.	87.	84.	81.	67.	81.	91.	80.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	89.	76.	78.	84.	69.	79.	89.	79.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	101.	68.	82.	83.	72.	81.	82.	80.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	83.	82.	82.	84.	72.	84.	87.	82.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3235.19 AVERAGE = 80.87
MINIMUM = 62.00 ON DATE 7/29 AT DEPTH 00
MAXIMUM = 104.00 ON DATE 6/3 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	111.	68.	72.	70.	75.	90.	82.	71.	87.	80.	96.	98.	97.	90.
10	NNNNNNN	111.	66.	67.	78.	73.	78.	80.	81.	99.	71.	93.	89.	103.	91.
20	NNNNNNN	98.	65.	77.	81.	73.	72.	86.	81.	92.	81.	98.	92.	95.	92.
40	NNNNNNN	107.	77.	81.	66.	62.	78.	79.	70.	86.	81.	95.	NNNNNNN	92.	103.
60	NNNNNNN	95.	73.	93.	64.	83.	85.	81.	92.	84.	83.	104.	NNNNNNN	102.	104.

TOTAL = 5770.33 AVERAGE = 84.85
MINIMUM = 62.00 ON DATE 7/29 AT DEPTH 40
MAXIMUM = 111.00 ON DATE 6/3 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	119.	74.	84.	97.	59.	85.	82.	86.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	92.	63.	89.	72.	72.	76.	78.	92.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	101.	76.	84.	72.	70.	70.	82.	85.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	104.	73.	65.	77.	78.	76.	85.	85.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	116.	64.	104.	95.	64.	62.	87.	81.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 3296.19 AVERAGE = 82.40
MINIMUM = 59.00 ON DATE 7/29 AT DEPTH 00
MAXIMUM = 119.00 ON DATE 6/3 AT DEPTH 00

OKANAGAN LAKE CARBONATE ION MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.9NNNNNNN						
10	NNNNNNN	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.9NNNNNNN						
20	NNNNNNN	0.0	1.2	0.0	5.5	0.0	0.0	0.0	1.2NNNNNNN						
40	NNNNNNN	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0NNNNNNN						
60	NNNNNNN	0.0	0.0	0.0	1.5	0.0	0.9	0.0	0.0NNNNNNN						

TOTAL = 14.69 AVERAGE = 0.36
MINIMUM = 0.00 ON DATE 6/4 AT DEPTH 00
MAXIMUM = 5.50 ON DATE 7/18 AT DEPTH 20

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.0	1.2	0.0	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	NNNNNNN	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	NNNNNNN	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
60	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL = 6.04 AVERAGE = 0.08
MINIMUM = 0.00 ON DATE 6/4 AT DEPTH 00
MAXIMUM = 1.20 ON DATE 6/18 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0NNNNNNN						
10	NNNNNNN	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0NNNNNNN						
20	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0NNNNNNN						
60	NNNNNNN	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0NNNNNNN						

TOTAL = 3.49 AVERAGE = 0.08
MINIMUM = 0.00 ON DATE 6/4 AT DEPTH 00
MAXIMUM = 1.20 ON DATE 7/18 AT DEPTH 10

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN						
10	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8NNNNNNN						
20	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6NNNNNNN						
40	NNNNNNN	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.3NNNNNNN						
60	NNNNNNN	0.0	0.0	0.0	5.4	1.2	0.0	0.0	0.0NNNNNNN						

TOTAL = 21.49 AVERAGE = 0.53
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 9.00 ON DATE 7/4 AT DEPTH 40

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	NNNNNNN	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
20	NNNNNNN	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.6	0.0	0.0	0.0
40	NNNNNNN	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	NNNNNNN	3.0	3.0	0.6	0.0	0.0	0.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL = 17.14 AVERAGE = 0.24
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 6/3 AT DEPTH 60

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN						
10	NNNNNNN	0.0	0.0	1.2	0.0	0.0	0.6	0.0	0.6NNNNNNN						
20	NNNNNNN	3.0	1.8	0.6	0.0	0.0	0.6	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	1.8	1.2	0.0	0.0	0.0	0.0	0.0NNNNNNN						
60	NNNNNNN	0.0	0.0	0.6	0.9	0.0	0.0	0.0	0.0NNNNNNN						

TOTAL = 13.09 AVERAGE = 0.32
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 6/3 AT DEPTH 20

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.6NNNNNNN						
10	NNNNNNN	0.0	1.2	0.0	0.0	0.9	0.0	0.0	0.0NNNNNNN						
20	NNNNNNN	0.0	7.2	0.0	0.9	0.0	0.0	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	1.2	0.0	0.0	0.6	0.6	0.0	0.0NNNNNNN						
60	NNNNNNN	0.0	1.2	0.0	1.5	0.9	0.0	0.0	0.0NNNNNNN						

TOTAL = 18.19 AVERAGE = 0.45
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 7.20 ON DATE 6/17 AT DEPTH 20

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.0	0.6	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0NNNNNNN		0.0	0.0	0.0
10	NNNNNNN	0.0	1.2	0.0	0.0	1.5	1.2	0.0	0.0	0.0	0.0NNNNNNN		0.0	0.0	2.4
20	NNNNNNN	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0	0.0NNNNNNN		0.9	0.0	0.0
40	NNNNNNN	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0NNNNNNN		0.6	0.0	0.0
60	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN		0.0	0.0	0.0

TOTAL = 15.32 AVERAGE = 0.23
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 8/12 AT DEPTH 40

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0NNNNNNN						
10	NNNNNNN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0NNNNNNN						
20	NNNNNNN	0.0	0.0	0.0	2.1	5.6	0.0	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	0.0	0.0	0.9	3.0	0.0	0.0	0.0NNNNNNN						
60	NNNNNNN	3.0	0.0	0.0	1.2	4.2	0.0	0.0	0.0NNNNNNN						

TOTAL = 23.19 AVERAGE = 0.57
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 5.60 ON DATE 7/30 AT DEPTH 20

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
10	NNNNNNN	3.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
20	NNNNNNN	1.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	0.6	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
60	NNNNNNN	1.2	0.0	0.0	0.0	0.6	0.9	0.0	0.0NNNNNNN						

TOTAL = 10.69 AVERAGE = 0.26
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 3.60 ON DATE 6/3 AT DEPTH 10

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.0	0.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	NNNNNNN	0.0	1.8	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
20	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
40	NNNNNNN	0.0	0.0	0.0	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0NNNNNNN		0.0	0.0
60	NNNNNNN	0.0	0.0	0.0	1.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0NNNNNNN		0.0	0.0

TOTAL = 9.93 AVERAGE = 0.14
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 1.80 ON DATE 6/17 AT DEPTH 10

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN						
10	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0NNNNNNN						
20	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
40	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0NNNNNNN						
60	NNNNNNN	0.0	1.8	0.0	0.0	0.0	4.8	0.0	0.0NNNNNNN						

TOTAL = 7.99 AVERAGE = 0.19
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 4.80 ON DATE 8/12 AT DEPTH 60

OKANAGAN LAKE CALCIUM ION MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	28.5	20.8	27.2	29.6	27.2	36.0	20.0	18.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	34.2	18.4	25.6	28.0	NNNNNNN	38.4	23.2	18.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	30.8	20.0	25.6	24.0	20.0	33.6	20.8	20.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	30.0	21.6	27.2	25.6	25.6	32.8	28.0	22.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	27.5	17.5	24.0	27.2	28.0	27.2	30.4	19.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1003.89 AVERAGE = 25.74
MINIMUM = 17.50 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 38.40 ON DATE 8/13 AT DEPTH 10

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	31.7	20.0	20.8	28.8	25.4	33.6	17.6	21.6	21.6	23.2	29.6	27.2	23.2	32.0
10	NNNNNNN	23.4	18.4	20.8	25.6	23.7	35.2	23.2	24.0	22.4	26.4	32.0	28.8	24.0	26.1
20	NNNNNNN	29.2	20.0	21.6	23.2	27.0	27.2	27.2	23.2	24.8	27.2	24.8	28.0	23.2	32.0
40	NNNNNNN	23.4	17.5	23.2	25.6	24.5	25.6	23.2	20.8	24.0	30.4	34.4	25.6	25.6	32.8
60	NNNNNNN	20.8	19.2	22.4	24.8	30.0	35.2	24.8	21.6	25.6	25.6	34.4	25.6	23.2	22.7

TOTAL = 1781.74 AVERAGE = 25.45
MINIMUM = 17.50 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 35.20 ON DATE 8/13 AT DEPTH 10

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	27.5	24.8	20.8	31.2	35.2	36.0	22.4	23.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	23.4	11.2	20.8	24.8	30.2	33.6	28.0	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	23.4	11.2	23.2	31.2	28.0	30.4	24.8	20.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	25.0	15.2	24.0	23.2	30.2	33.6	23.2	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	27.5	20.0	21.6	27.2	25.6	37.6	28.8	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1012.99 AVERAGE = 25.32
MINIMUM = 11.20 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 37.60 ON DATE 8/13 AT DEPTH 60

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	32.4	14.4	18.4	20.4	27.2	30.4	25.6	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	32.4	22.4	20.8	24.5	29.6	25.6	23.2	18.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	25.8	19.2	24.0	27.7	27.2	36.0	25.6	19.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	26.7	18.4	14.4	18.0	28.8	32.8	19.2	22.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	23.4	16.8	19.2	20.4	20.0	28.8	23.2	24.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 949.49 AVERAGE = 23.73
MINIMUM = 14.40 ON DATE 6/18 AT DEPTH 00
MAXIMUM = 36.00 ON DATE 8/13 AT DEPTH 20

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	28.5	16.0	25.3	23.7	24.8	32.0	25.6	20.8	24.0	28.0	29.6	35.2	21.6	26.1
10	NNNNNNN	25.7	18.8	18.0	25.3	20.0	25.6	30.2	20.0	24.8	23.2	29.6	34.4	26.4	26.9
20	NNNNNNN	28.5	18.4	21.3	34.3	28.8	24.0	25.6	20.0	24.8	28.0	28.0	32.8	24.0	29.4
40	NNNNNNN	25.7	18.4	28.8	28.6	30.2	21.6	20.0	24.8	24.0	27.2	32.0	33.6	20.8	31.2
60	NNNNNNN	23.8	17.2	29.6	25.3	28.8	21.6	20.0	24.8	27.2	26.4	30.4	33.6	NNNNNNN	31.2

TOTAL = 1785.13 AVERAGE = 25.87
MINIMUM = 16.00 ON DATE 6/18 AT DEPTH 00
MAXIMUM = 35.20 ON DATE 2/19 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	19.0	16.0	21.3	30.4	25.6	22.4	23.2	27.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	27.6	15.2	21.3	27.3	26.4	27.2	24.0	26.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	22.8	16.8	24.5	25.6	28.0	23.2	26.4	29.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	28.5	14.4	22.8	26.4	29.6	25.6	28.0	24.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	24.7	12.8	23.6	30.4	28.0	20.0	23.2	24.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 963.59 AVERAGE = 24.08
MINIMUM = 12.80 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 30.40 ON DATE 7/17 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	31.4	22.8	24.5	30.4	22.4	20.8	26.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	32.5	22.8	25.3	22.4	28.2	19.2	22.4	24.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	24.5	20.4	27.0	20.0	19.3	17.6	21.6	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	25.7	29.4	28.6	22.4	17.7	17.6	23.2	23.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	31.4	17.2	32.7	27.2	22.4	13.6	23.2	22.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 926.39 AVERAGE = 23.75
MINIMUM = 13.60 ON DATE 8/12 AT DEPTH 60
MAXIMUM = 32.70 ON DATE 7/3 AT DEPTH 60

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	26.6	22.2	26.0	27.2	21.7	16.8	25.6	24.0	21.6	26.4	NNNNNNN	35.2	31.2	21.9
10	NNNNNNN	31.4	27.8	30.0	26.4	22.5	16.0	21.6	20.8	24.8	26.4	NNNNNNN	37.6	28.8	25.2
20	NNNNNNN	29.5	28.6	26.2	24.8	24.8	16.8	22.4	17.6	28.8	24.0	NNNNNNN	32.0	28.8	28.6
40	NNNNNNN	25.7	27.8	26.2	28.0	28.9	16.8	20.0	19.2	27.2	27.2	NNNNNNN	36.8	25.6	20.3
60	NNNNNNN	25.7	23.8	32.4	28.0	24.2	20.8	20.8	20.0	27.2	26.4	NNNNNNN	32.8	32.8	32.8

TOTAL = 1676.32 AVERAGE = 25.78
MINIMUM = 16.00 ON DATE 8/12 AT DEPTH 10
MAXIMUM = 37.60 ON DATE 2/19 AT DEPTH 10

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	32.0	25.4	24.0	29.6	24.8	24.0	28.0	26.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	31.3	32.6	24.0	24.8	22.4	29.6	22.4	24.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	29.6	35.2	23.2	25.6	20.0	24.0	28.0	30.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	28.0	30.3	23.2	28.0	15.0	28.0	24.0	26.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	30.4	29.4	21.5	23.2	20.0	24.8	27.2	28.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1049.69 AVERAGE = 26.24
MINIMUM = 15.00 ON DATE 7/30 AT DEPTH 40
MAXIMUM = 35.20 ON DATE 6/17 AT DEPTH 20

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	25.0	32.6	35.0	28.0	25.4	28.0	23.2	25.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	22.3	35.2	27.6	27.2	21.3	25.6	24.8	25.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	24.0	27.8	25.2	32.0	24.5	30.4	27.2	23.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	24.0	30.3	26.0	26.4	27.0	28.8	22.4	24.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	22.3	27.0	27.6	28.8	32.0	29.6	24.0	22.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1070.29 AVERAGE = 26.75
MINIMUM = 21.30 ON DATE 7/29 AT DEPTH 10
MAXIMUM = 35.20 ON DATE 6/17 AT DEPTH 10

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	26.1	17.5	29.5	30.4	26.9	36.0	24.8	22.4	25.6	27.2	29.6	26.2	24.8	22.8
10	NNNNNNN	26.9	18.4	NNNNNNN	30.4	NNNNNNN	28.8	24.8	23.2	32.8	24.0	28.8	23.2	26.4	27.0
20	NNNNNNN	23.5	17.5	30.4	29.6	26.9	28.0	27.2	21.6	31.2	28.8	36.8	24.0	28.8	27.0
40	NNNNNNN	27.8	19.2	27.8	23.2	NNNNNNN	28.0	24.8	20.0	25.6	32.0	31.2	NNNNNNN	24.0	26.2
60	NNNNNNN	21.8	18.4	30.3	23.2	26.2	30.4	23.2	23.2	26.4	32.0	NNNNNNN	NNNNNNN	27.2	26.2

TOTAL = 1684.41 AVERAGE = 26.31
MINIMUM = 17.50 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 36.80 ON DATE 12/18 AT DEPTH 20

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	31.3	17.5	30.3	29.6	27.7	24.8	20.0	25.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	28.6	16.7	31.2	32.8	NNNNNNN	20.0	24.8	25.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	26.9	20.8	30.3	32.8	NNNNNNN	20.0	23.2	24.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	26.1	16.7	23.0	24.8	31.0	20.8	23.2	29.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	25.2	15.0	30.3	25.6	34.2	24.0	23.2	21.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 958.98 AVERAGE = 25.23
MINIMUM = 15.00 ON DATE 6/17 AT DEPTH 60
MAXIMUM = 34.20 ON DATE 7/29 AT DEPTH 60

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STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.6	9.0	9.0	7.9	5.6	9.6	9.6	9.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	4.2	8.8	9.1	9.0	8.6	9.4	9.4	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	4.8	8.6	9.0	7.3	8.0	8.4	9.3	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	4.7	8.3	9.8	8.6	9.2	8.1	9.3	8.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	7.9	8.8	9.1	8.5	6.6	9.7	9.2	8.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 335.29 AVERAGE = 8.38
MINIMUM = 4.20 ON DATE 6/4 AT DEPTH 10
MAXIMUM = 9.80 ON DATE 7/4 AT DEPTH 40

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	3.8	9.1	7.6	8.9	8.8	6.6	9.3	8.7	8.5	9.3	10.0	9.8	9.7	9.3
10	NNNNNNN	6.9	8.7	6.6	8.2	8.5	7.1	9.2	8.7	8.4	9.2	9.7	9.7	9.6	9.3
20	NNNNNNN	5.3	8.4	4.1	6.5	8.3	9.2	9.3	8.8	8.3	9.3	9.8	10.2	9.6	9.4
40	NNNNNNN	5.8	8.3	6.4	8.6	7.7	6.2	9.3	6.7	8.6	9.3	9.9	8.9	9.8	9.4
60	NNNNNNN	7.8	8.6	9.0	8.7	8.8	9.1	9.3	7.4	8.6	9.3	9.7	8.7	9.9	9.6

TOTAL = 595.44 AVERAGE = 8.50
MINIMUM = 3.80 ON DATE 6/4 AT DEPTH 00
MAXIMUM = 10.20 ON DATE 2/18 AT DEPTH 20

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	5.7	8.6	9.4	7.7	6.7	9.4	9.3	6.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	6.4	8.9	4.7	7.7	8.6	9.3	9.3	5.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.4	8.3	8.7	6.2	8.8	9.6	9.3	5.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.2	8.7	6.7	7.5	9.0	9.0	9.3	8.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	7.7	8.9	9.4	8.4	8.8	6.9	9.1	8.3	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 325.89 AVERAGE = 8.14
MINIMUM = 4.70 ON DATE 7/4 AT DEPTH 10
MAXIMUM = 9.60 ON DATE 8/13 AT DEPTH 20

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	7.8	9.2	6.0	8.1	7.7	8.9	9.2	10.1	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	6.8	8.8	5.7	8.1	8.5	9.7	9.3	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	4.7	8.6	6.2	8.1	8.5	8.9	9.1	9.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	7.9	8.4	4.7	7.8	8.3	6.8	9.1	9.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.1	8.9	7.4	8.1	8.3	8.8	9.1	9.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 328.49 AVERAGE = 8.21
MINIMUM = 4.70 ON DATE 6/3 AT DEPTH 20
MAXIMUM = 10.10 ON DATE 9/10 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	10.1	8.3	9.1	8.2	8.4	9.1	9.2	8.9	8.5	9.2	8.3	10.1	9.6	9.3
10	NNNNNNN	9.9	8.8	9.1	8.3	8.4	8.2	8.2	8.9	8.1	9.0	8.4	9.7	8.7	9.2
20	NNNNNNN	9.7	8.9	9.7	8.2	8.4	8.4	9.1	8.7	8.8	9.0	8.4	9.7	9.7	9.5
40	NNNNNNN	9.1	8.6	9.0	8.1	9.4	9.3	9.2	9.2	7.7	9.4	8.4	9.7	10.0	9.4
60	NNNNNNN	9.5	8.6	9.5	8.0	8.6	7.9	9.1	8.8	8.6	9.4	8.4	9.7	9.7	9.3

TOTAL = 627.34 AVERAGE = 8.96
MINIMUM = 7.70 ON DATE 10/21 AT DEPTH 40
MAXIMUM = 10.10 ON DATE 6/3 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	11.5	9.3	9.2	9.3	8.5	9.2	9.1	8.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	10.8	9.2	8.9	6.6	8.8	9.0	9.1	8.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	10.1	9.4	9.2	5.5	8.6	9.4	9.1	9.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	9.9	8.8	9.2	6.3	7.2	9.8	9.1	9.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	9.2	9.7	9.2	9.1	8.8	8.9	9.1	9.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 358.99 AVERAGE = 8.97
MINIMUM = 5.50 ON DATE 7/17 AT DEPTH 20
MAXIMUM = 11.50 ON DATE 6/3 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	9.6	6.8	6.3	6.4	8.2	8.7	9.3	8.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	10.1	8.9	5.6	5.7	9.8	7.4	8.8	8.2	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	10.0	8.6	6.8	5.6	8.2	8.1	8.8	8.1	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	10.4	9.1	6.0	6.4	8.8	7.7	9.1	8.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	9.1	9.1	8.7	5.3	7.8	8.5	8.5	9.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 323.89 AVERAGE = 8.09
MINIMUM = 5.30 ON DATE 7/18 AT DEPTH 60
MAXIMUM = 10.40 ON DATE 6/3 AT DEPTH 40

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	8.5	8.7	8.2	8.6	7.9	7.1	9.2	8.6	8.8	9.1	NNNNNNN	9.7	9.6	9.1
10	NNNNNNN	8.9	8.8	6.2	5.8	8.8	8.4	8.8	8.3	8.9	8.2	NNNNNNN	9.6	9.5	9.3
20	NNNNNNN	8.9	8.3	9.2	5.6	7.9	6.1	8.8	8.6	8.7	9.3	NNNNNNN	9.6	9.7	9.3
40	NNNNNNN	9.4	8.3	7.8	5.6	7.8	7.6	8.9	8.5	8.6	9.4	NNNNNNN	9.6	9.7	9.2
60	NNNNNNN	9.1	8.9	9.2	8.0	7.9	6.7	8.8	8.3	8.7	9.2	NNNNNNN	9.7	9.6	9.2

TOTAL = 556.82 AVERAGE = 8.56
MINIMUM = 5.60 ON DATE 7/18 AT DEPTH 20
MAXIMUM = 9.70 ON DATE 2/19 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	8.2	8.7	8.6	6.6	8.2	8.7	9.0	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.5	8.7	8.5	5.0	8.2	8.8	9.5	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.4	8.5	8.4	6.4	9.1	7.9	9.5	9.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	8.3	8.8	8.4	5.9	7.5	8.6	8.8	9.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.5	8.8	8.7	7.4	8.7	8.6	8.8	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 337.89 AVERAGE = 8.44
MINIMUM = 5.00 ON DATE 7/18 AT DEPTH 10
MAXIMUM = 9.80 ON DATE 9/9 AT DEPTH 00

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	9.2	8.4	8.5	9.6	8.7	8.1	9.2	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.9	8.7	8.5	9.4	11.1	8.6	9.2	9.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	8.8	8.4	8.5	9.5	7.2	8.6	9.1	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	9.5	8.5	8.6	8.5	8.7	6.8	9.0	9.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.9	8.6	8.5	9.0	8.6	6.3	9.2	9.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 353.99 AVERAGE = 8.84
MINIMUM = 6.30 ON DATE 8/12 AT DEPTH 60
MAXIMUM = 11.10 ON DATE 7/29 AT DEPTH 10

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	9.0	9.3	9.3	8.1	7.0	5.3	8.6	9.6	8.7	9.2	7.4	10.8	8.7	8.7
10	NNNNNNN	11.8	8.6	9.3	8.5	6.9	7.2	8.7	9.7	8.9	9.1	6.7	10.2	8.7	9.5
20	NNNNNNN	9.4	8.9	6.8	8.7	6.9	6.9	8.6	9.7	8.9	9.2	8.7	9.6	8.9	9.5
40	NNNNNNN	8.5	8.9	9.8	8.6	7.2	8.0	8.7	9.7	8.9	9.0	5.9	NNNNNNN	8.6	9.5
60	NNNNNNN	8.6	9.3	9.7	8.4	7.3	6.0	8.7	9.6	9.0	9.3	5.8	NNNNNNN	8.6	9.5

TOTAL = 585.63 AVERAGE = 8.61
MINIMUM = 5.30 ON DATE 8/12 AT DEPTH 00
MAXIMUM = 11.80 ON DATE 6/3 AT DEPTH 10

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	10.9	9.1	9.2	8.6	5.7	6.4	8.7	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	8.4	8.7	9.8	6.2	5.9	6.2	8.8	9.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	10.2	8.8	8.2	6.6	6.7	4.1	NNNNNNN	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	9.4	9.0	8.6	7.7	7.1	5.0	8.7	9.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	8.4	8.8	9.5	9.4	8.9	8.6	NNNNNNN	9.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 315.08 AVERAGE = 8.29
MINIMUM = 4.10 ON DATE 8/12 AT DEPTH 20
MAXIMUM = 10.90 ON DATE 6/3 AT DEPTH 00

OKANAGAN LAKE CHLORIDE ION MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	2.4	1.7	1.6	1.4	1.6	1.6	1.7	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	2.4	1.3	1.7	1.3	1.5	1.6	1.6	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	2.1	1.3	1.5	1.4	1.6	1.6	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	2.3	1.3	1.6	1.4	1.6	1.6	1.5	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	2.3	1.3	1.5	1.4	1.6	1.6	1.5	1.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 65.59 AVERAGE = 1.63
MINIMUM = 1.30 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 2.40 ON DATE 6/4 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	2.0	1.3	1.8	1.5	1.5	1.6	1.5	1.7	2.1	1.8	1.7	1.8	1.7	1.7
10	NNNNNNN	2.1	1.4	1.8	1.4	1.6	1.5	1.5	1.6	1.7	1.7	1.6	1.8	1.8	1.5
20	NNNNNNN	2.3	1.3	1.7	1.7	1.7	1.5	1.5	1.6	1.8	1.6	1.5	1.7	1.7	1.4
40	NNNNNNN	2.4	1.2	1.9	1.4	1.6	1.5	1.4	1.6	1.7	1.6	1.6	1.9	1.6	1.3
60	NNNNNNN	2.1	1.5	1.7	1.4	1.6	1.7	1.4	1.7	2.1	1.9	1.7	1.8	1.7	NNNNNNN

TOTAL = 115.04 AVERAGE = 1.66
MINIMUM = 1.20 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 2.40 ON DATE 6/4 AT DEPTH 40

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	2.5	1.5	1.8	1.4	1.5	1.5	1.7	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	2.4	2.0	1.8	1.5	1.6	1.6	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	2.4	1.9	1.8	1.5	1.6	1.7	1.6	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	2.3	1.8	1.5	1.3	1.5	1.8	1.5	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	2.4	1.9	1.8	1.4	1.6	1.6	1.5	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 69.39 AVERAGE = 1.73
MINIMUM = 1.30 ON DATE 7/18 AT DEPTH 40
MAXIMUM = 2.50 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	2.1	1.9	2.0	1.4	1.6	1.6	1.5	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	2.1	1.6	1.8	1.4	1.7	1.8	1.5	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	2.1	1.6	1.8	1.4	1.6	1.7	1.5	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	2.1	1.6	1.9	1.4	1.6	1.6	1.5	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	2.0	1.6	1.8	1.6	1.5	1.9	1.5	1.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 67.49 AVERAGE = 1.68
MINIMUM = 1.40 ON DATE 7/17 AT DEPTH 00
MAXIMUM = 2.10 ON DATE 6/3 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	1.7	1.7	1.5	1.3	1.6	1.8	1.7	1.9	1.8	1.7	1.7	1.6	1.6	1.5
10	NNNNNNN	1.4	1.6	1.3	1.4	1.6	1.6	1.4	1.8	1.6	1.7	1.6	1.8	1.9	1.3
20	NNNNNNN	1.6	1.7	1.3	1.3	1.8	1.7	1.5	1.7	1.7	1.7	1.6	1.5	1.7	1.3
40	NNNNNNN	1.4	1.9	1.4	1.4	1.6	1.6	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.3
60	NNNNNNN	1.6	1.6	1.5	1.5	1.5	1.5	1.9	1.6	1.8	1.6	1.7	1.6	1.7	1.4

TOTAL = 112.54 AVERAGE = 1.60
MINIMUM = 1.30 ON DATE 7/17 AT DEPTH 00
MAXIMUM = 1.90 ON DATE 9/10 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	1.4	1.7	1.7	1.5	1.6	1.7	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	1.7	1.7	1.3	1.7	1.6	1.7	1.6	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	1.9	1.7	1.5	1.6	1.6	1.9	1.5	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	1.6	1.6	1.4	1.6	1.5	1.8	1.6	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	1.9	1.5	1.6	1.5	1.6	1.9	1.7	1.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 65.99 AVERAGE = 1.64
MINIMUM = 1.30 ON DATE 7/4 AT DEPTH 10
MAXIMUM = 1.90 ON DATE 6/3 AT DEPTH 20

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	2.3	1.5	1.7	1.5	1.6	1.6	1.7	1.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	2.4	1.4	1.9	1.4	1.6	1.7	1.7	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	1.1	1.5	1.7	1.4	1.6	1.7	1.7	1.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	1.7	1.4	1.7	1.3	1.6	1.6	1.7	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	1.9	1.7	1.7	1.4	1.6	1.7	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 65.79 AVERAGE = 1.64
MINIMUM = 1.10 ON DATE 6/3 AT DEPTH 20
MAXIMUM = 2.40 ON DATE 6/3 AT DEPTH 10

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	1.9	1.1	1.9	1.8	1.6	1.7	1.9	1.5	1.8	1.8	NNNNNNN	1.7	2.0	1.4
10	NNNNNNN	1.7	1.4	1.3	1.5	1.6	1.6	1.7	1.7	1.8	1.6	NNNNNNN	1.8	1.6	1.3
20	NNNNNNN	2.1	1.4	1.6	1.5	1.6	1.5	1.6	1.7	1.8	1.8	NNNNNNN	1.8	1.6	1.4
40	NNNNNNN	1.9	1.5	1.6	1.5	1.6	1.7	1.7	1.8	1.8	1.6	NNNNNNN	1.6	1.7	1.3
60	NNNNNNN	2.0	1.4	1.6	1.4	1.6	1.6	1.6	1.7	1.6	1.7	NNNNNNN	1.6	1.7	1.3

TOTAL = 106.72 AVERAGE = 1.64
MINIMUM = 1.10 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 2.10 ON DATE 6/3 AT DEPTH 20

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	1.7	1.5	1.1	1.3	1.6	1.9	1.7	1.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	1.7	1.7	1.4	1.7	1.7	2.0	1.6	1.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	1.7	1.4	1.3	1.7	1.7	1.8	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	1.7	1.7	1.3	1.4	1.6	1.9	1.7	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	1.5	1.4	1.6	1.4	1.6	2.0	1.7	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 64.39 AVERAGE = 1.60
MINIMUM = 1.10 ON DATE 7/3 AT DEPTH 00
MAXIMUM = 2.00 ON DATE 8/12 AT DEPTH 10

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	1.4	1.3	1.5	1.4	1.6	1.9	1.8	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	1.3	1.3	1.5	1.5	1.3	1.8	1.8	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	1.4	1.7	1.4	1.6	1.6	1.8	1.6	1.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	1.6	1.3	1.4	1.5	1.7	1.7	1.8	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	1.6	1.7	1.4	1.5	1.5	1.7	1.6	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 63.29 AVERAGE = 1.58
MINIMUM = 1.30 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 1.90 ON DATE 8/12 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	2.4	1.8	1.6	1.6	1.5	1.6	1.8	1.7	1.8	1.6	1.7	1.6	1.8	1.4
10	NNNNNNN	1.9	1.3	1.7	1.6	1.6	2.1	1.7	1.8	1.7	1.6	1.6	1.7	1.8	1.5
20	NNNNNNN	2.0	1.3	1.9	1.5	1.5	1.7	1.6	1.6	1.8	1.7	1.7	1.7	1.8	1.3
40	NNNNNNN	1.6	1.2	2.0	1.5	1.6	2.0	1.8	1.5	1.7	1.6	1.7	NNNNNNN	1.8	1.3
60	NNNNNNN	2.0	1.3	1.9	1.6	1.6	1.9	1.7	1.7	1.7	1.7	1.6	NNNNNNN	1.8	1.3

TOTAL = 114.03 AVERAGE = 1.67
MINIMUM = 1.20 ON DATE 6/17 AT DEPTH 40
MAXIMUM = 2.40 ON DATE 6/3 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	1.9	1.4	1.7	1.6	1.4	1.6	1.8	1.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	1.4	1.2	1.7	1.5	1.6	1.7	1.6	1.9	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	1.8	1.4	1.7	1.5	1.6	1.7	NNNNNNN	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	1.6	1.4	1.7	1.5	1.6	1.6	1.7	1.7	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	1.5	1.3	1.7	1.5	1.6	1.6	NNNNNNN	1.8	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 61.38 AVERAGE = 1.61
MINIMUM = 1.20 ON DATE 6/17 AT DEPTH 10
MAXIMUM = 1.90 ON DATE 6/3 AT DEPTH 00

OKANAGAN LAKE SILICATE ION (SIO2) MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.1	6.0	6.3	6.7	7.0	5.7	5.6	5.3						
10	NNNNNNN	7.8	6.3	6.0	5.9	5.8	5.9	5.5	5.3						
20	NNNNNNN	8.1	8.1	5.9	6.7	6.6	6.5	5.5	5.7						
40	NNNNNNN	6.3	6.1	6.5	5.7	6.1	5.9	5.8	6.0						
60	NNNNNNN	7.3	5.1	7.0	6.3	6.4	5.9	6.0	6.0						

TOTAL = 250.89 AVERAGE = 6.27
MINIMUM = 5.10 ON DATE 6/18 AT DEPTH 60
MAXIMUM = 8.10 ON DATE 6/4 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	7.7	5.0	7.2	5.9	6.3	5.9	5.6	5.6	5.6	5.7	5.5	5.9	5.6	5.7
10	NNNNNNN	7.6	5.5	4.5	6.8	5.9	5.7	5.7	5.5	5.8	5.8	5.6	5.9	5.9	5.7
20	NNNNNNN	6.5	5.1	6.6	6.1	5.7	6.6	5.7	5.8	5.8	5.8	5.7	5.9	5.7	5.5
40	NNNNNNN	6.3	5.5	6.4	5.6	6.3	6.7	5.9	5.8	5.7	5.9	5.7	5.8	5.9	5.8
60	NNNNNNN	6.7	5.3	6.4	6.0	6.5	5.9	5.9	5.9	6.0	6.0	5.7	5.9	5.8	5.7

TOTAL = 414.94 AVERAGE = 5.92
MINIMUM = 4.50 ON DATE 7/4 AT DEPTH 10
MAXIMUM = 7.70 ON DATE 6/4 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	8.6	6.3	6.4	6.9	7.6	5.9	6.5	5.6						
10	NNNNNNN	7.7	6.2	6.2	6.6	6.0	5.7	5.6	5.8						
20	NNNNNNN	6.5	6.4	6.4	6.6	7.0	6.6	5.9	5.8						
40	NNNNNNN	6.4	5.9	6.1	6.2	6.3	6.3	5.8	5.7						
60	NNNNNNN	6.2	6.2	6.2	5.9	6.4	5.9	5.8	6.0						

TOTAL = 252.29 AVERAGE = 6.30
MINIMUM = 5.60 ON DATE 9/10 AT DEPTH 00
MAXIMUM = 8.60 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	6.4	6.8	6.1	4.1	6.3	5.5	5.6	5.6						
10	NNNNNNN	6.1	6.1	5.8	3.0	6.8	5.9	5.6	5.6						
20	NNNNNNN	5.8	5.9	5.9	3.6	5.9	5.7	5.9	5.4						
40	NNNNNNN	5.9	5.5	6.1	4.9	5.5	5.7	5.6	5.6						
60	NNNNNNN	5.8	5.6	5.9	4.7	NNNNNNN	5.7	5.9	5.5						

TOTAL = 219.49 AVERAGE = 5.62
MINIMUM = 3.00 ON DATE 7/17 AT DEPTH 10
MAXIMUM = 6.80 ON DATE 6/18 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	5.4	4.2	5.5	3.1	5.7	5.4	5.0	5.9	5.8	5.7	5.6	6.0	5.9	5.9
10	NNNNNNN	6.3	5.9	4.7	5.6	6.2	5.7	5.8	5.6	5.6	5.8	5.7	6.0	5.9	5.9
20	NNNNNNN	6.4	5.6	4.0	6.0	5.6	6.0	5.6	5.5	5.8	5.8	5.7	4.9	5.9	6.0
40	NNNNNNN	5.6	6.2	5.2	5.3	5.6	6.2	5.5	5.5	6.0	6.0	5.6	6.0	6.0	5.9
60	NNNNNNN	5.9	5.8	4.9	5.6	5.8	5.9	5.8	6.4	6.2	5.8	5.7	6.0	5.8	6.0

TOTAL = 397.34 AVERAGE = 5.67
MINIMUM = 3.10 ON DATE 7/17 AT DEPTH 00
MAXIMUM = 6.40 ON DATE 6/3 AT DEPTH 20

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	4.5	6.0	5.7	5.7	5.6	5.5	5.8	5.7						
10	NNNNNNN	6.4	5.9	5.6	6.2	5.5	5.5	5.5	5.6						
20	NNNNNNN	6.0	5.7	5.5	6.6	5.6	5.7	5.8	5.7						
40	NNNNNNN	5.9	5.8	5.8	6.1	7.5	5.9	5.0	5.7						
60	NNNNNNN	5.7	6.8	5.7	5.7	6.4	5.5	5.5	5.3						

TOTAL = 231.79 AVERAGE = 5.79
MINIMUM = 4.50 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 7.50 ON DATE 7/30 AT DEPTH 40

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	4.5	6.0	5.7	7.5	5.7	5.7	5.9	5.3						
10	NNNNNNN	5.6	5.8	4.9	6.9	6.7	6.6	6.0	5.3						
20	NNNNNNN	4.2	6.2	5.1	7.6	5.5	6.3	5.9	5.3						
40	NNNNNNN	6.0	5.4	5.8	7.5	5.7	6.2	6.0	5.3						
60	NNNNNNN	5.3	6.0	5.5	6.1	8.0	6.7	5.5	5.7						

TOTAL = 237.09 AVERAGE = 5.92
MINIMUM = 4.20 ON DATE 6/3 AT DEPTH 20
MAXIMUM = 8.00 ON DATE 7/30 AT DEPTH 60

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	5.2	5.0	NNNNNNN	5.5	5.3	5.9	5.5	5.5	5.3	5.9	NNNNNNN	6.3	5.7	5.8
10	NNNNNNN	5.2	6.0	5.9	5.9	6.9	5.5	6.0	5.5	5.5	5.5	NNNNNNN	6.1	5.6	5.6
20	NNNNNNN	5.0	5.8	5.6	5.8	6.5	6.1	5.7	5.5	5.6	5.7	NNNNNNN	7.0	5.5	5.7
40	NNNNNNN	5.5	5.4	6.0	6.1	6.0	6.1	5.5	5.5	5.6	5.8	NNNNNNN	NNNNNNN	5.6	5.7
60	NNNNNNN	5.1	6.0	5.9	5.7	6.1	6.2	5.6	5.3	5.6	5.7	NNNNNNN	6.3	5.7	5.8

TOTAL = 361.71 AVERAGE = 5.74
MINIMUM = 5.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 7.00 ON DATE 2/19 AT DEPTH 20

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	5.5	5.8	4.5	6.3	6.4	5.9	6.0	6.3						
10	NNNNNNN	7.6	5.6	3.7	6.5	6.4	5.7	6.6	5.7						
20	NNNNNNN	5.1	5.6	3.4	6.5	5.6	5.1	6.2	5.3						
40	NNNNNNN	5.4	5.2	3.5	6.1	NNNNNNN	5.5	6.0	5.8						
60	NNNNNNN	4.9	5.7	3.2	6.1	5.9	5.6	5.5	4.2						

TOTAL = 216.09 AVERAGE = 5.54
MINIMUM = 3.20 ON DATE 7/3 AT DEPTH 60
MAXIMUM = 7.60 ON DATE 6/3 AT DEPTH 10

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	3.6	5.5	5.5	7.8	6.3	5.7	6.2	5.5						
10	NNNNNNN	4.3	5.1	5.5	4.7	6.3	5.3	5.8	6.1						
20	NNNNNNN	3.7	5.0	5.4	5.5	6.2	5.3	5.6	5.9						
40	NNNNNNN	3.7	4.9	5.2	3.9	6.0	5.5	5.8	5.5						
60	NNNNNNN	4.5	4.9	5.4	5.9	5.2	5.3	5.6	5.7						

TOTAL = 214.99 AVERAGE = 5.37
MINIMUM = 3.60 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 7.80 ON DATE 7/17 AT DEPTH 0C

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	6.0	2.9	5.0	5.3	5.8	6.2	5.5	5.7	5.7	6.5	6.3	5.9	5.7	6.0
10	NNNNNNN	6.0	5.3	5.7	5.5	6.6	5.5	5.7	NNNNNNN	5.6	6.1	3.8	6.0	1.9	5.7
20	NNNNNNN	5.8	5.0	5.5	4.9	6.3	5.6	5.4	5.6	5.5	6.2	4.4	5.9	2.0	5.5
40	NNNNNNN	5.8	4.9	5.8	5.9	6.0	5.5	5.5	5.9	5.5	5.8	3.5	NNNNNNN	2.0	5.7
60	NNNNNNN	6.3	4.9	5.2	5.5	5.7	5.5	5.6	5.7	5.7	5.9	5.9	NNNNNNN	6.2	5.6

TOTAL = 363.33 AVERAGE = 5.42
MINIMUM = 1.90 ON DATE 3/25 AT DEPTH 10
MAXIMUM = 6.60 ON DATE 7/29 AT DEPTH 10

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	6.3	5.5	5.3	5.3	6.7	6.2	5.7	5.6						
10	NNNNNNN	6.0	5.2	5.2	6.0	5.5	6.0	5.8	6.0						
20	NNNNNNN	6.3	5.3	5.1	6.3	6.8	6.4	5.9	5.7						
40	NNNNNNN	5.7	4.9	5.6	6.2	5.9	6.3	5.5	5.4						
60	NNNNNNN	5.9	5.1	5.5	5.3	6.0	5.5	5.7							

TOTAL = 224.79 AVERAGE = 5.76
MINIMUM = 4.90 ON DATE 6/17 AT DEPTH 40
MAXIMUM = 6.80 ON DATE 7/29 AT DEPTH 20

OKANAGAN LAKE SULPHATE ION MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00			27.		36.		27.		25.						
10			26.		34.		26.		25.						
20			27.		37.		26.		25.						
40			26.		35.		27.		25.						
60							25.		24.						

TOTAL = 504.08 AVERAGE = 28.00
MINIMUM = 24.00 ON DATE 9/10 AT DEPTH 60
MAXIMUM = 37.00 ON DATE 7/18 AT DEPTH 20

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00			27.		36.		29.		26.		25.		26.		26.
10			27.		33.		29.		25.		26.		25.		26.
20			27.		38.		26.		26.		25.		26.		26.
40			26.		33.		32.		26.		26.		26.		26.
60			26.		32.		25.		26.		26.		27.		

TOTAL = 937.16 AVERAGE = 27.56
MINIMUM = 25.00 ON DATE 11/21 AT DEPTH 00
MAXIMUM = 38.00 ON DATE 7/18 AT DEPTH 20

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00			26.		34.		26.		25.						
10			27.		35.		26.		25.						
20					38.		28.		25.						
40			26.		31.		29.		26.						
60					36.		26.		26.						

TOTAL = 515.08 AVERAGE = 28.61
MINIMUM = 25.00 ON DATE 9/10 AT DEPTH 00
MAXIMUM = 38.00 ON DATE 7/18 AT DEPTH 20

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00			27.		22.		24.		26.						
10					26.		27.		25.						
20			25.		26.		28.		26.						
40			26.		26.		30.		25.						
60					26.		25.		26.						

TOTAL = 466.08 AVERAGE = 25.89
MINIMUM = 22.00 ON DATE 7/17 AT DEPTH 00
MAXIMUM = 30.00 ON DATE 8/13 AT DEPTH 40

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00			27.		25.		24.		25.		26.				24.
10			25.		25.		24.		25.		26.				26.
20			26.		25.		24.		25.		26.				25.
40			26.		25.		27.		24.		25.				26.
60			26.		25.		25.		25.		25.				26.

TOTAL = 758.14 AVERAGE = 25.27
MINIMUM = 24.00 ON DATE 8/13 AT DEPTH 00
MAXIMUM = 27.00 ON DATE 6/18 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00			26.		31.		25.		25.						
10			26.		29.		27.		25.						
20			27.		31.		25.		24.						
40			25.		29.		26.		26.						
60			28.		34.		25.		26.						

TOTAL = 540.09 AVERAGE = 27.00
MINIMUM = 24.00 ON DATE 9/10 AT DEPTH 20
MAXIMUM = 34.00 ON DATE 7/17 AT DEPTH 60

STATION 7

DEPTH	/	6/3	6/17	7/3	7/16	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00			22.		34.		24.		26.						
10			24.		39.		25.		25.						
20			23.		40.		23.		26.						
40					39.		25.		24.						
60			25.		40.		26.		25.						

TOTAL = 535.09 AVERAGE = 28.16
MINIMUM = 22.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 40.00 ON DATE 7/18 AT DEPTH 20

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00			22.		35.		24.		25.		26.		26.		25.
10			24.		38.		24.		25.		25.		26.		25.
20			25.		30.		25.		26.		26.		26.		25.
40			25.		29.		24.		25.		25.		27.		25.
60			25.		26.		26.		25.		27.		26.		26.

TOTAL = 914.17 AVERAGE = 26.11
MINIMUM = 22.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 38.00 ON DATE 7/18 AT DEPTH 10

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00			24.		27.		24.		24.						
10			24.		30.		25.		24.						
20			24.		28.		24.		26.						
40			24.		29.		25.		24.						
60					27.		24.		24.						

TOTAL = 481.09 AVERAGE = 25.32
MINIMUM = 24.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 30.00 ON DATE 7/18 AT DEPTH 10

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00			24.		37.		25.		25.						
10			24.		30.		24.		27.						
20			25.		38.		25.		26.						
40					33.		24.		27.						
60			27.		34.		24.		27.						

TOTAL = 526.09 AVERAGE = 27.68
MINIMUM = 24.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 38.00 ON DATE 7/17 AT DEPTH 20

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00			27.		34.		27.		26.		27.		28.		24.
10			25.		32.		25.		27.		26.		27.		26.
20					34.		23.		27.		26.		26.		26.
40			26.		32.		25.		26.		24.				25.
60					35.		25.		26.		26.				26.

TOTAL = 839.15 AVERAGE = 27.06
MINIMUM = 23.00 ON DATE 8/12 AT DEPTH 20
MAXIMUM = 35.00 ON DATE 7/17 AT DEPTH 60

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00			24.				26.		25.						
10					41.		27.		26.						
20			24.		40.		27.		27.						
40			25.		34.		26.		26.						
60			27.		27.		25.		27.						

TOTAL = 504.08 AVERAGE = 28.00
MINIMUM = 24.00 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 41.00 ON DATE 7/17 AT DEPTH 10

OKANAGAN LAKE AMMONIA-NITROGEN MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.06	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.05	0.03	0.04	0.05	0.04	0.04	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.03	0.03	0.04	0.04	0.03	0.04	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.03	0.03	0.04	0.04	0.04	0.03	0.05	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.73 AVERAGE = 0.04
MINIMUM = 0.03 ON DATE 8/26 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 9/10 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.05	0.03	0.05	0.04	0.04	0.05	0.03	0.04	0.04	0.07	0.06	0.07	0.04	0.00
10	NNNNNNN	0.02	0.03	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
20	NNNNNNN	0.02	0.03	0.04	0.04	0.02	0.04	0.04	0.04	0.03	0.04	0.05	0.04	0.04	0.04
40	NNNNNNN	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.03	0.04	0.03
60	NNNNNNN	0.03	0.03	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.03	0.04	0.04

TOTAL = 3.00 AVERAGE = 0.04
MINIMUM = 0.00 ON DATE 4/20 AT DEPTH 00
MAXIMUM = 0.07 ON DATE 11/21 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.03	0.04	0.04	0.05	0.04	0.04	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.04	0.04	0.05	0.04	0.04	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.03	0.02	0.04	0.04	0.04	0.04	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.71 AVERAGE = 0.04
MINIMUM = 0.02 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 0.05 ON DATE 7/18 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.04	0.03	0.04	0.05	0.04	0.04	0.05	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.02	0.03	0.04	0.04	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.04	0.02	0.04	0.03	0.03	0.04	0.04	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.04	0.01	0.04	0.04	0.04	0.04	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	NNNNNNN	0.02	0.04	0.04	0.04	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.52 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 0.05 ON DATE 7/17 AT DEPTH 00

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.04	0.04	0.04	0.03	0.05	0.03	0.03	0.05	0.03	0.05	0.06	0.03	0.11	0.08
10	NNNNNNN	0.03	0.02	0.02	0.03	0.04	0.03	0.03	0.04	0.03	0.05	0.04	0.04	0.03	0.04
20	NNNNNNN	0.03	0.02	0.03	0.03	0.04	0.03	0.03	0.05	0.04	0.04	0.04	0.03	0.04	0.04
40	NNNNNNN	0.03	0.02	0.03	0.03	0.04	0.03	0.03	0.05	0.03	0.04	0.03	0.03	0.04	0.04
60	NNNNNNN	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.04	0.03	0.03	0.03	0.04

TOTAL = 2.69 AVERAGE = 0.04
MINIMUM = 0.02 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 0.11 ON DATE 3/26 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.05	0.03	0.05	0.07	0.10	0.03	0.04	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.02	0.02	0.05	0.04	0.02	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.03	0.02	0.03	0.04	0.05	0.03	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.03	0.02	0.03	0.05	0.05	0.03	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.03	0.03	0.03	0.04	0.04	0.02	0.03	0.05	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.67 AVERAGE = 0.04
MINIMUM = 0.02 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 0.10 ON DATE 7/30 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.04	0.04	0.02	0.05	0.03	0.03	0.03	0.06	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.03	0.03	0.02	0.04	0.03	0.03	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.03	0.03	0.04	0.04	0.03	0.02	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.50 AVERAGE = 0.03
MINIMUM = 0.02 ON DATE 7/3 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 9/9 AT DEPTH 00

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.06	0.04	0.00	0.05	0.04	0.03	0.03	0.07	0.04	0.07	NNNNNNN	0.04	0.04	0.04
10	NNNNNNN	0.03	0.03	0.02	0.04	0.03	0.03	0.03	0.05	0.04	0.04	NNNNNNN	0.04	0.03	0.04
20	NNNNNNN	0.03	0.03	0.02	0.04	0.03	0.03	0.03	0.05	0.04	0.04	NNNNNNN	0.04	0.03	0.04
40	NNNNNNN	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.04	NNNNNNN	0.04	0.03	0.04
60	NNNNNNN	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.04	0.04	NNNNNNN	0.04	0.03	0.04

TOTAL = 2.06 AVERAGE = 0.04
MINIMUM = 0.00 ON DATE 7/3 AT DEPTH 00
MAXIMUM = 0.07 ON DATE 9/9 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.03	0.03	0.02	0.03	0.04	0.02	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.04	0.02	0.03	0.04	0.03	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.03	0.03	0.01	0.03	0.04	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.02	NNNNNNN	0.02	0.02	0.04	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.03	0.03	0.02	0.04	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.17 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/3 AT DEPTH 20
MAXIMUM = 0.04 ON DATE 7/30 AT DEPTH 00

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.02	0.05	0.02	0.03	0.03	0.03	0.04	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.01	0.03	0.02	0.03	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.02	0.03	0.02	0.04	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.02	0.03	0.02	0.03	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.32 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 6/3 AT DEPTH 10
MAXIMUM = 0.05 ON DATE 6/17 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.04	0.04	0.03	0.03	0.03	0.02	0.05	0.03	0.04	0.04	0.04	0.04	0.03	0.06
10	NNNNNNN	0.05	0.02	0.02	0.03	0.03	0.02	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.04
20	NNNNNNN	0.03	0.02	0.03	0.03	0.03	0.02	0.04	0.03	0.04	0.05	0.03	0.04	0.04	0.04
40	NNNNNNN	0.06	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.04	0.05	0.03	NNNNNNN	0.03	0.04
60	NNNNNNN	0.05	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	NNNNNNN	0.03	0.03

TOTAL = 2.63 AVERAGE = 0.03
MINIMUM = 0.02 ON DATE 8/12 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 4/20 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.05	0.04	0.04	0.05	0.03	0.03	0.05	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
10	NNNNNNN	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
20	NNNNNNN	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
40	NNNNNNN	0.05	0.03	0.02	0.04	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
60	NNNNNNN	0.06	0.03	0.02	0.03	0.03	0.03	0.03	0.03	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

TOTAL = 1.56 AVERAGE = 0.03
MINIMUM = 0.02 ON DATE 7/2 AT DEPTH 40
MAXIMUM = 0.06 ON DATE 6/3 AT DEPTH 60

OKANAGAN LAKE NITRATE-NITROGEN MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00		0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.04						
10		0.01	0.02	0.03	0.02	0.03	0.01	0.02	0.02						
20		0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01						
40		0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01						
60		0.01	0.01	0.02	0.02	0.00	0.02	0.02	0.01						

TOTAL = 0.85 AVERAGE = 0.02
MINIMUM = 0.00 ON DATE 7/31 AT DEPTH 60
MAXIMUM = 0.04 ON DATE 9/10 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00		0.01	0.02	0.02	0.02	0.05	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01
10			0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01
20		0.02	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01
40		0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01
60		0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.03

TOTAL = 1.48 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 6/4 AT DEPTH 00
MAXIMUM = 0.05 ON DATE 7/31 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00		0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02						
10		0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.01						
20		0.00	0.00	0.03	0.01	0.01	0.01	0.02	0.01						
40		0.01	0.01	0.06	0.02	0.01	0.01	0.01	0.01						
60		0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01						

TOTAL = 0.77 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 6/4 AT DEPTH 20
MAXIMUM = 0.06 ON DATE 7/4 AT DEPTH 40

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00		0.01	0.01	0.01	0.01	0.03	0.01	0.02	0.02						
10		0.01	0.00	0.01	0.01	0.03	0.01	0.03	0.02						
20		0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.02						
40		0.01	0.00	0.00	0.01	0.04	0.01	0.01	0.01						
60		0.02	0.01	0.01	0.01	0.05	0.01	0.01	0.01						

TOTAL = 0.74 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 6/18 AT DEPTH 10
MAXIMUM = 0.05 ON DATE 7/30 AT DEPTH 60

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00		0.03	0.01	0.03	0.01	0.04	0.01	0.01	0.01	0.02	0.01	0.02	0.03	0.02	0.01
10		0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.03	0.02	0.01
20		0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.03	0.03	0.02
40		0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.03	0.03	0.01
60		0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.03	0.02	0.02

TOTAL = 1.50 AVERAGE = 0.02
MINIMUM = 0.00 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 0.04 ON DATE 7/30 AT DEPTH 00

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00		0.03	0.01	0.01		0.02	0.01	0.01	0.01						
10		0.02	0.01	0.01		0.01	0.01	0.01	0.01						
20		0.02	0.01	0.01		0.01	0.01	0.01	0.01						
40		0.02	0.00	0.01		0.02	0.01	0.01	0.01						
60		0.02	0.01	0.01		0.02	0.01	0.01	0.01						

TOTAL = 0.60 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 6/18 AT DEPTH 40
MAXIMUM = 0.03 ON DATE 6/3 AT DEPTH 00

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00		0.02	0.01	0.01	0.01	0.01	0.01		0.01						
10		0.02	0.02	0.01	0.01	0.01	0.01		0.02						
20		0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01						
40		0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02						
60		0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.02						

TOTAL = 0.69 AVERAGE = 0.01
MINIMUM = 0.01 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 0.03 ON DATE 6/3 AT DEPTH 20

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00		0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01		0.03	0.02	0.02
10		0.03	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.02		0.02	0.02	0.02
20		0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02		0.02	0.02	0.01
40		0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02		0.02	0.02	0.02
60		0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01		0.03	0.02	0.01

TOTAL = 1.32 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 6/17 AT DEPTH 00
MAXIMUM = 0.03 ON DATE 6/3 AT DEPTH 00

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00		0.02	0.02	0.02	0.01		0.01	0.01	0.01						
10		0.01	0.02	0.02	0.01		0.01	0.02	0.01						
20		0.02	0.02	0.02	0.01		0.01	0.02	0.01						
40		0.02	0.02	0.02	0.01		0.01	0.02	0.02						
60		0.01	0.02	0.02	0.01		0.01	0.01	0.02						

TOTAL = 0.70 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 7/18 AT DEPTH 00
MAXIMUM = 0.02 ON DATE 6/3 AT DEPTH 00

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00		0.01	0.02	0.01	0.08	0.01	0.01	0.01	0.01						
10		0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01						
20		0.01	0.02	0.01	0.03	0.01	0.01	0.02	0.02						
40		0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02						
60		0.02	0.01	0.02	0.03	0.02	0.01	0.02	0.02						

TOTAL = 0.88 AVERAGE = 0.02
MINIMUM = 0.01 ON DATE 6/3 AT DEPTH 00
MAXIMUM = 0.08 ON DATE 7/17 AT DEPTH 00

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00		0.01	0.01	0.01	0.05	0.01	0.01	0.02	0.02	0.01	0.03	0.02	0.02	0.01	0.02
10		0.00	0.02	0.01	0.03	0.01	0.01	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.01
20		0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.03	0.03	0.02	0.02	0.01
40		0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.02		0.01	0.01
60		0.02	0.01	0.01	0.05	0.01	0.01	0.01	0.02	0.01	0.03	0.03		0.01	0.02

TOTAL = 1.48 AVERAGE = 0.02
MINIMUM = 0.00 ON DATE 6/3 AT DEPTH 10
MAXIMUM = 0.05 ON DATE 7/17 AT DEPTH 00

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00		0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02						
10		0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.02						
20		0.01	0.02	0.01	0.00	0.01	0.01		0.01						
40		0.01	0.01	0.02	0.00	0.01	0.01	0.01	0.01						
60		0.01	0.01	0.02	0.00	0.01	0.01		0.02						

TOTAL = 0.60 AVERAGE = 0.01
MINIMUM = 0.00 ON DATE 7/17 AT DEPTH 10
MAXIMUM = 0.02 ON DATE 6/17 AT DEPTH 00

OKANAGAN LAKE TOTAL PHOSPHATE MG PER L

STATION 1

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.06	0.04	0.02	0.02	0.01	0.02	0.01	0.02						
10	NNNNNNN	0.04	0.05	0.02	0.03	0.02	0.02	0.03	0.02						
20	NNNNNNN	0.05	0.02	0.02	0.05	0.03	0.02	0.02	0.01						
40	NNNNNNN	0.04	0.04	0.02	0.02	0.05	0.03	0.04	0.03						
60	NNNNNNN	0.03	0.05	0.02	0.03	0.03	0.01	0.03	0.02						

TOTAL = 1.33 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/31 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 6/4 AT DEPTH 00

STATION 2

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.05	0.07	0.01	0.04	0.01	0.01	0.03	0.01	0.04	0.03	0.02	0.02	0.02	0.05
10	NNNNNNN	0.04	0.03	0.02	0.05	0.01	0.03	0.03	0.02	0.05	0.02	0.02	0.03	0.03	0.03
20	NNNNNNN	0.04	0.04	0.03	0.03	0.02	0.02	0.03	0.02	0.06	0.03	0.03	0.03	0.03	0.05
40	NNNNNNN	0.04	0.04	0.02	0.03	0.02	0.02	0.03	0.02	0.05	0.03	0.02	0.03	0.04	0.05
60	NNNNNNN	0.06	0.04	0.01	0.04	0.04	0.03	0.02	0.02	0.06	0.02	0.02	0.04	0.03	0.04

TOTAL = 2.53 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/4 AT DEPTH 00
MAXIMUM = 0.07 ON DATE 6/18 AT DEPTH 00

STATION 3

DEPTH	/	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
00	NNNNNNN	0.05	0.04	0.03	0.03	0.03	0.02	0.03	0.02						
10	NNNNNNN	0.04	0.04	0.03	0.03	0.05	0.01	0.03	0.02						
20	NNNNNNN	0.05	0.04	0.02	0.05	0.03	0.03	0.01	0.02						
40	NNNNNNN	0.05	0.02	0.03	0.03	0.03	0.02	0.02	0.03						
60	NNNNNNN	0.03	0.04	0.02	0.03	0.02	0.02	0.02	0.02						

TOTAL = 1.37 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 8/13 AT DEPTH 10
MAXIMUM = 0.05 ON DATE 6/4 AT DEPTH 00

STATION 4

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.03	0.03	0.03	0.02	0.03	0.03	0.05	0.02						
10	NNNNNNN	0.04	0.04	0.02	0.03	0.02	0.02		0.03						
20	NNNNNNN	0.02	0.04	0.02	0.06	0.02	0.01	0.02	0.05						
40	NNNNNNN	0.02	0.04	0.03	0.03	0.02	0.03	0.02	0.03						
60	NNNNNNN	0.02	0.02	0.01	0.03	0.03	0.02	0.10	0.03						

TOTAL = 1.35 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 8/13 AT DEPTH 20
MAXIMUM = 0.10 ON DATE 8/26 AT DEPTH 60

STATION 5

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.06	0.06	0.01	0.03	0.02	0.02	0.03	0.03	0.05	0.02	0.02	0.02	0.04	0.05
10	NNNNNNN	0.08	0.03	0.03	0.03	0.03	0.02	0.04	0.01	0.05	0.03	0.02	0.03		0.05
20	NNNNNNN	0.05	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.04	0.02	0.02	0.02	0.08	0.05
40	NNNNNNN	0.06	0.04	0.02	0.04	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.03	0.03	0.05
60	NNNNNNN	0.06	0.03	0.02	0.04	0.02	0.03	0.03	0.03	0.04	0.02	0.02	0.04	0.03	0.08

TOTAL = 2.65 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/4 AT DEPTH 00
MAXIMUM = 0.08 ON DATE 6/3 AT DEPTH 10

STATION 6

DEPTH	/	6/3	6/18	7/4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
00	NNNNNNN	0.09	0.03	0.03	0.03	0.01	0.02		0.03						
10	NNNNNNN	0.05	0.04	0.02	0.03	0.01	0.02	0.04	0.03						
20	NNNNNNN	0.06	0.04	0.02	0.01	0.02	0.04	0.04	0.03						
40	NNNNNNN	0.05	0.03	0.02	0.03	0.05	0.03	0.02	0.02						
60	NNNNNNN	0.04	0.04	0.02	0.03	0.03	0.03	0.03	0.03						

TOTAL = 1.43 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/30 AT DEPTH C0
MAXIMUM = 0.09 ON DATE 6/3 AT DEPTH C0

STATION 7

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.05	0.06	0.02	0.01	0.02	0.04	0.03	0.02						
10	NNNNNNN	0.03	0.04	0.02	0.02	0.01	0.03	0.02	0.02						
20	NNNNNNN	0.07	0.05	0.04	0.02	0.02	0.05	0.04	0.02						
40	NNNNNNN	0.04	0.04	0.03	0.02	0.03	0.03	0.03	0.03						
60	NNNNNNN	0.06	0.04	0.03	0.02	0.02	0.03	0.03	0.03						

TOTAL = 1.45 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/18 AT DEPTH 00
MAXIMUM = 0.07 ON DATE 6/3 AT DEPTH 20

STATION 8

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.04	0.03		0.04	0.01	0.03	0.04	0.03	0.02	0.02		0.04	0.00	0.04
10	NNNNNNN	0.07	0.04	0.06	0.03	0.02	0.02	0.03	0.03	0.02	0.02		0.03	0.03	0.05
20	NNNNNNN	0.04	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.02	0.02		0.03	0.03	0.05
40	NNNNNNN	0.05	0.05	0.02	0.03	0.02	0.03	0.02	0.03	0.02	0.01		0.03	0.01	0.05
60	NNNNNNN	0.05	0.04	0.04	0.03	0.02	0.03	0.03	0.04	0.02	0.02		0.03	0.02	0.05

TOTAL = 2.27 AVERAGE = 0.03
MINIMUM = 0.00 ON DATE 3/26 AT DEPTH 00
MAXIMUM = 0.07 ON DATE 6/3 AT DEPTH 10

STATION 9

DEPTH	/	6/3	6/17	7/3	7/18	7/30	8/12	8/25	9/9	10/21	11/19	/	2/19	3/26	4/20
00	NNNNNNN	0.05	0.03	0.03	0.02	0.02	0.05	0.03	0.02						
10	NNNNNNN	0.04	0.05	0.02	0.02	0.02	0.01	0.06	0.03						
20	NNNNNNN	0.04	0.03	0.04	0.02	0.03	0.02	0.03	0.03						
40	NNNNNNN	0.05	0.03	0.05	0.02	0.03	0.02	0.02	0.05						
60	NNNNNNN	0.04	0.05	0.07	0.02	0.02	0.02	0.03	0.05						

TOTAL = 1.50 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 8/12 AT DEPTH 10
MAXIMUM = 0.07 ON DATE 7/3 AT DEPTH 60

STATION 10

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.03	0.02	0.01	0.02	0.03	0.02	0.02	0.03						
10	NNNNNNN	0.03	0.03	0.02	0.03	0.02	0.01	0.03	0.03						
20	NNNNNNN	0.02	0.05	0.02	0.02	0.02	0.01	0.05	0.03						
40	NNNNNNN	0.02	0.03	0.02	0.01	0.01	0.02	0.03	0.03						
60	NNNNNNN	0.06	0.03	0.02	0.02	0.02	0.03	0.03	0.03						

TOTAL = 1.20 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/2 AT DEPTH 00
MAXIMUM = 0.06 ON DATE 6/3 AT DEPTH 60

STATION 11

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.04	0.03	0.03	0.01	0.01	0.01	0.01	0.03	0.02	0.01	0.02	0.02	0.04	0.05
10	NNNNNNN	0.04	0.03	0.05	0.02	0.01	0.01	0.03	0.04	0.02	0.01	0.01	0.02	0.03	0.04
20	NNNNNNN	0.04	0.03	0.03	0.02	0.01	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.09	0.05
40	NNNNNNN	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02		0.04	0.05
60	NNNNNNN	0.04	0.03	0.03	0.02	0.03	0.01	0.03	0.04	0.02	0.02	0.03		0.04	0.05

TOTAL = 2.17 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/17 AT DEPTH 00
MAXIMUM = 0.09 ON DATE 3/25 AT DEPTH 20

STATION 12

DEPTH	/	6/3	6/17	7/2	7/17	7/29	8/12	8/25	9/9	10/24	11/25	12/18	2/19	3/25	4/20
00	NNNNNNN	0.04	0.02	0.03	0.03	0.01	0.03	0.02	0.03						
10	NNNNNNN	0.05	0.03	0.03	0.02	0.02	0.03	0.01	0.03						
20	NNNNNNN	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03						
40	NNNNNNN	0.04	0.02	0.05	0.04	0.01	0.03	0.02	0.05						
60	NNNNNNN	0.04	0.02	0.04	0.03	0.02	0.02	0.02	0.04						

TOTAL = 1.29 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/29 AT DEPTH 00
MAXIMUM = 0.05 ON DATE 6/3 AT DEPTH 10

OKANAGAN LAKE TURBIDITY IN FEET OF DEPTH

STATION	/														
STATION 2	NNNNNNN	6/4 17.0	6/18 18.0	7/4 15.5	7/18 15.5	7/31 20.5	8/13 21.5	8/26 21.5	9/10 21.5	10/22 26.0	11/21	12/17 31.5	2/18 22.0	3/26 24.0	4/20 17.0
STATION 5	NNNNNNN	6/3 24.0	6/18 23.0	7/4 24.0	7/17 24.0	7/30 27.0	8/13 22.0	8/26 33.0	9/10 26.0	10/21 25.0	11/19	12/18 35.0	2/19 59.0	3/26 66.0	4/20 32.0
STATION 6	NNNNNNN	6/3 14.0	6/17 22.0	7/3 22.0	7/18 22.0	7/30 30.0	8/12 25.0	8/25 27.0	9/9 30.5	10/21 25.0	11/19 28.0	/	2/19 42.0	3/26 46.0	4/20 29.0
STATION 11	NNNNNNN	6/3 27.5	6/17 25.0	7/2 22.0	7/17 22.0	7/29 20.0	8/12 25.5	8/25 22.0	9/9 30.0	10/24 22.7	11/25 40.5	12/18	2/19 36.0	3/25	4/20 27.0

STATION OK2	5/13	6/4	6/18	7/4	7/18	7/31	8/13	8/26	9/10	10/22	11/21	12/17	2/18	3/26	4/20
TOTAL PHYTOPLANKTON															
0	NNNNN	259	1498	1351	1408	782	718	458	454	135	48	37	89	156	1463
10	NNNNN	250	531	830	464	298	438	392	384	63	76	29	36	35	1770
20	NNNNN	400	551	821	581	354	384	434	331	163	95	39	40	28	1690
40	NNNNN	483	261	384	290	462	375	332	336	170	80	63	61	45	1559
60	NNNNN	311	149	166	169	369	135	201	300	102	110	45	8	87	3
ALL	NNNNN	1703	2990	3552	2912	2265	2050	1817	1805	633	409	213	234	351	6485
TOTAL BLUEGREENS															
0	NNNNN	158	1469	985	1370	671	591	412	429	90	25	5	0	1	17
10	NNNNN	41	239	514	428	230	366	336	357	40	17	9	0	0	24
20	NNNNN	35	254	548	471	261	293	354	296	87	20	19	0	0	23
40	NNNNN	11	105	305	163	333	293	266	305	114	30	21	1	5	13
60	NNNNN	9	28	144	88	201	95	169	274	24	62	5	1	2	0
ALL	NNNNN	254	2095	2496	2520	1696	1638	1537	1661	355	154	59	2	8	77
TOTAL GREENS															
0	NNNNN	0	0	1	15	26	9	11	2	3	2	0	7	17	49
10	NNNNN	0	0	9	12	8	13	10	4	0	4	0	6	2	47
20	NNNNN	0	0	4	22	3	30	9	11	6	2	0	0	0	62
40	NNNNN	0	0	1	7	19	2	2	6	3	3	0	0	2	52
60	NNNNN	0	0	0	0	9	1	0	1	0	0	2	0	2	0
ALL	NNNNN	0	0	15	56	65	55	32	24	12	11	2	13	23	210
TOTAL DIATOMS															
0	NNNNN	61	16	196	5	43	3	17	16	33	11	30	68	112	953
10	NNNNN	176	244	145	14	42	39	34	18	17	39	13	19	21	1449
20	NNNNN	321	272	136	70	72	38	49	18	58	63	14	26	16	1303
40	NNNNN	449	148	42	94	90	57	34	22	50	38	36	50	24	1175
60	NNNNN	268	108	4	75	149	35	22	8	76	35	26	0	68	0
ALL	NNNNN	1275	788	523	258	396	172	156	82	234	186	119	163	241	4880
TOTAL PHYTOFLAGELLATES															
0	NNNNN	40	13	169	18	42	115	18	7	9	10	2	14	26	444
10	NNNNN	33	48	161	10	18	20	12	5	6	16	7	11	10	250
20	NNNNN	44	25	130	18	18	23	22	6	12	10	6	14	12	302
40	NNNNN	23	8	36	26	20	23	30	3	3	9	6	10	14	319
60	NNNNN	34	13	18	6	10	4	10	17	2	13	12	7	15	3
ALL	NNNNN	174	107	514	78	108	185	92	38	32	58	33	56	77	1318
TOTAL DOMINANTS															
0	NNNNN	218	1450	1149	1344	509	355	265	96	64	24	5	74	116	1314
10	NNNNN	210	422	648	351	156	144	152	97	23	33	7	28	20	1664
20	NNNNN	333	432	646	418	194	101	151	86	40	59	11	16	23	1571
40	NNNNN	453	236	323	163	214	164	50	68	32	37	13	15	36	1464
60	NNNNN	282	146	157	86	157	80	100	148	13	61	22	4	43	3
ALL	NNNNN	1496	2686	2923	2362	1230	844	718	495	172	214	58	137	238	6016
ANACU															
0	NNNNN	158	1418	48	15	4	40	12	3	4	0	0	0	0	0
10	NNNNN	32	94	65	57	12	0	0	52	1	2	0	0	0	0
20	NNNNN	13	21	117	13	7	3	25	8	1	0	0	0	0	0
40	NNNNN	0	5	47	1	0	0	0	1	0	0	0	0	0	0
60	NNNNN	0	0	2	0	0	0	0	0	0	0	0	0	0	0
ALL	NNNNN	203	1538	279	86	23	43	37	64	6	2	0	0	0	0
APHNI															
0	NNNNN	0	0	890	1310	473	255	223	68	40	10	0	0	0	0
10	NNNNN	0	0	380	278	130	110	113	20	5	5	0	0	0	0
20	NNNNN	0	0	330	393	153	73	95	43	12	13	0	0	0	0
40	NNNNN	0	0	200	137	188	136	28	48	10	8	3	0	0	0
60	NNNNN	0	0	113	78	135	66	73	73	10	28	0	0	0	0
ALL	NNNNN	0	0	1913	2196	1079	640	532	252	77	64	3	0	0	0
ASTRI															
0	NNNNN	48	16	0	0	0	0	0	0	0	0	3	65	75	937
10	NNNNN	144	160	8	0	0	0	0	0	0	4	0	13	12	1050
20	NNNNN	168	152	0	0	0	0	0	0	0	10	4	7	12	1256
40	NNNNN	312	88	0	0	0	0	0	0	0	19	4	8	24	1053
60	NNNNN	112	24	0	0	0	0	0	0	0	7	9	0	28	0
ALL	NNNNN	784	440	8	0	0	0	0	0	0	40	20	93	151	4296
CHRML															
0	NNNNN	0	0	84	5	7	37	8	3	8	10	2	9	25	360
10	NNNNN	5	9	103	7	5	7	7	3	5	16	7	10	8	230
20	NNNNN	5	17	83	10	7	12	4	5	12	10	6	9	11	293
40	NNNNN	10	8	30	22	7	8	5	2	3	9	6	6	12	307
60	NNNNN	17	13	13	5	6	3	9	16	0	13	12	4	14	3
ALL	NNNNN	37	47	313	49	32	67	33	29	28	58	33	38	70	1193
FRAGC															
0	NNNNN	12	0	108	0	0	0	0	6	0	0	0	0	16	0
10	NNNNN	24	84	72	0	3	5	0	10	0	0	0	5	0	377
20	NNNNN	132	120	96	0	18	0	8	12	5	25	0	0	0	7
40	NNNNN	120	60	36	0	0	8	0	4	2	0	0	0	0	99
60	NNNNN	144	84	0	0	0	0	0	0	0	0	0	0	0	0
ALL	NNNNN	432	348	312	0	21	13	8	32	7	25	0	5	16	483
LYNGL															
0	NNNNN	0	16	19	14	25	23	22	16	12	4	0	0	0	17
10	NNNNN	5	75	20	9	6	22	32	12	12	6	0	0	0	7
20	NNNNN	15	122	20	2	9	13	19	18	10	1	1	0	0	15
40	NNNNN	11	75	10	3	19	12	17	13	17	1	0	1	0	5
60	NNNNN	9	25	29	3	16	11	18	59	3	13	1	0	1	0
ALL	NNNNN	40	313	98	31	75	81	108	118	54	25	2	1	1	44

	OK1 Q					OK2 Q					OK3 Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	153	32	0	0	0	158	32	13	0	0	46	6	0	0	0
ANAST	5	2	2	0	0	0	4	7	0	0	0	8	5	4	0
ASTRI	48	104	88	144	64	48	144	168	312	112	96	192	160	128	72
CHRML	1	3	18	22	9	0	5	5	10	17	3	20	30	14	16
DINOB	91	38	65	38	10	40	28	39	13	17	43	23	33	55	7
FRAGC	0	12	60	228	48	12	24	132	120	144	48	108	96	264	108
LYNGL	7	24	20	17	10	0	5	15	11	9	2	17	65	33	9
MELOS	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0
RHIZO	1	2	5	14	4	1	8	13	4	6	12	0	55	52	8
STEPH	0	0	1	2	1	0	0	0	1	2	0	1	0	1	1
TABEL	0	0	14	7	4	0	0	8	12	4	0	0	7	25	8
UNKCH	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0

	OK1 R					OK2 R					OK3 R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	104	82	31	9	0	1418	94	21	5	0	905	66	5	6	0
ANAST	27	57	91	9	6	35	67	108	19	2	31	74	150	6	0
ASTRI	72	152	120	88	32	16	160	152	88	24	72	136	128	48	48
CHMLL	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
CHRML	5	9	28	17	6	0	9	17	8	13	2	2	25	12	7
DICTB	1	5	3	3	0	0	3	2	2	0	0	3	3	0	0
DINOB	19	14	15	0	3	13	39	8	0	0	33	31	0	5	0
FRAGC	12	12	84	144	60	0	84	120	60	84	0	72	96	72	156
LYNGL	67	117	173	105	32	16	75	122	75	25	22	110	126	63	16
OSCLS	0	0	27	7	7	0	0	1	4	1	0	0	0	4	3
RHIZO	3	2	7	27	20	0	0	0	0	0	0	0	2	37	7
STEPH	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
TABEL	0	0	0	0	0	0	0	0	0	0	0	6	3	47	25

	OK1 S					OK2 S					OK3 S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	52	61	59	14	0	48	65	117	47	2	351	220	20	26	2
ANAST	19	10	16	4	2	21	16	24	37	0	25	15	28	7	1
APHMC	2	3	10	8	13	3	25	41	8	0	49	12	21	15	10
APHNI	1405	1017	310	235	75	890	380	330	200	113	650	37	155	115	13
ASTRI	0	0	0	8	0	0	8	0	0	0	8	0	0	8	0
CHMLL	9	9	14	2	1	1	7	8	2	1	11	11	6	4	3
CHRML	129	161	64	21	13	84	103	83	30	13	239	143	101	31	11
CRUCQ	3	1	0	5	0	0	1	3	0	0	0	5	5	1	0
DICTB	8	11	2	2	0	2	8	10	2	0	7	4	11	0	1
DINOB	0	2	0	5	0	8	0	13	0	0	0	0	0	0	0
FRAGC	36	60	84	24	24	108	72	96	36	0	120	96	72	108	12
GONMS	0	0	5	1	0	1	6	4	0	0	6	5	5	3	0
LYNGL	36	10	6	10	27	19	20	20	10	29	17	37	9	8	4
MELOS	10	10	10	0	0	10	10	10	0	0	0	0	0	0	0
OSCLS	0	0	0	0	0	2	0	6	1	0	0	1	4	1	1
PERID	0	0	0	0	2	0	0	0	0	1	0	0	0	1	0
RHIZO	0	0	0	0	1	0	0	0	1	0	1	0	1	0	2
SPHAE	1	1	0	0	0	0	3	0	1	0	1	1	2	1	1
STEPH	1	1	2	2	1	2	3	2	1	1	3	1	1	6	2
SYNEM	1	0	2	1	0	0	1	2	0	0	0	1	1	1	0
TABEL	39	15	7	9	7	76	51	26	4	3	24	24	41	61	49
UNKCH	32	71	7	9	7	76	51	26	4	3	154	87	20	14	3

	OK1 T					OK2 T					OK3 T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	19	19	4	0	0	4	2	5	0	0	35	1	0	0	0
ANACU	21	14	10	3	0	15	57	13	1	0	6	34	7	0	0
ANAST	28	31	22	2	6	5	35	25	1	0	19	32	27	1	3
APHMC	20	13	4	10	8	8	28	13	0	0	13	58	6	23	0
APHNI	510	203	288	248	73	1310	278	393	137	78	745	605	431	178	95
CHLMY	0	2	4	0	0	0	1	9	0	0	53	3	1	2	0
CHMLL	3	0	5	3	0	4	3	6	4	1	6	6	3	3	3
CHRML	7	7	10	12	7	5	7	10	22	5	24	9	10	16	12
COELK	15	28	38	8	3	10	18	16	21	3	44	8	4	18	6
CRUCI	1	8	1	2	0	9	6	4	2	0	3	4	2	0	0
DINOB	3	5	5	0	0	5	0	0	0	0	0	0	0	0	0
FRAGC	0	0	0	0	12	0	0	0	0	0	0	12	0	24	0
FRAGL	0	0	0	0	0	0	0	12	36	12	0	0	0	0	0
GNMSP	0	7	0	1	0	1	0	0	0	0	0	1	2	0	0
GONMS	0	0	2	0	0	1	2	0	0	0	0	2	1	0	0
LYNGL	19	16	7	1	5	14	9	2	3	3	18	12	6	4	7
MELOS	10	10	10	10	0	0	10	10	0	0	0	10	10	0	0
OOCYS	0	0	2	0	0	4	2	6	4	0	0	0	2	0	0
OSCLS	3	0	4	0	0	4	1	4	0	4	4	1	1	0	0
STEPH	1	2	4	1	1	1	1	7	5	1	2	7	4	2	2
TABEL	6	17	26	62	50	4	3	41	53	62	0	22	72	84	84
TETSP	0	0	1	1	0	0	1	3	1	0	2	4	6	0	0
UNKCH	2	0	0	1	0	4	0	2	0	0	2	3	3	0	0

	OK1 U					OK2 U					OK3 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	17	20	9	5	4	41	16	6	0	2	20	6	11	80	0
ANACU	0	0	4	0	0	4	12	7	0	0	16	1	1	0	0
ANAST	45	16	19	31	0	30	17	20	19	1	32	37	34	21	0
APHMC	25	13	41	38	0	46	8	27	52	11	19	13	41	33	16
APHNI	350	80	160	185	120	473	130	153	188	135	178	58	158	155	108
CHLMY	2	0	0	0	1	6	2	1	11	1	8	0	4	4	0
CHMLL	4	4	4	2	0	6	5	3	5	0	3	2	7	3	2
CHRCC	12	4	0	0	8	0	4	0	0	8	6	10	14	0	0
CHRML	8	5	11	6	5	7	5	7	7	6	5	6	12	10	4
COELK	38	12	40	31	5	47	37	37	53	25	69	38	66	47	17
CRUCI	4	2	0	2	0	5	3	0	0	0	0	0	3	0	0
DINOB	7	4	16	0	0	24	8	3	1	0	15	12	5	5	0
ELAKA	0	0	2	0	0	0	2	0	2	0	2	2	0	0	0
FRAGC	0	0	0	7	4	0	3	18	0	0	10	0	0	2	10
GONMS	1	1	0	0	0	1	0	0	0	0	0	2	0	0	0
LYNGL	13	3	19	12	11	25	6	9	19	16	21	9	17	10	24
MELOS	10	10	20	30	10	20	20	30	20	60	0	10	40	30	10
OOCYS	0	0	6	0	18	12	0	2	6	6	6	8	2	4	0
OSCLS	3	0	3	0	1	5	0	2	2	3	0	0	0	2	2
PERDP	0	2	0	0	0	0	0	0	1	0	2	1	1	0	0
PERID	2	4	0	2	6	3	0	4	5	4	7	0	2	6	5
SPHAE	1	0	1	1	0	2	1	0	0	2	1	2	1	0	1
STEPH	5	0	8	9	6	2	3	8	13	7	3	4	9	11	6
TABEL	12	12	24	24	74	21	16	16	57	82	0	17	20	38	92
UNKCH	2	2	2	1	0	2	0	1	1	0	1	2	0	0	0

	OK1 V					OK2 V					OK3 V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	23	19	31	5	0	139	49	15	2	0	90	23	19	7	0
ANACU	0	0	0	0	0	40	0	3	0	0	0	0	0	0	0
ANAST	29	30	22	19	2	20	14	27	19	3	37	20	19	16	0
APHMC	71	76	88	45	8	59	62	97	76	6	89	74	75	41	10
APHNI	505	355	73	73	75	255	110	73	136	66	253	143	123	94	29
CHLMY	1	2	0	0	0	6	0	1	0	0	1	1	1	0	0
CHMLL	5	9	1	2	0	10	4	6	1	0	4	9	4	1	0
CHRCC	4	12	12	18	0	8	32	24	6	4	28	28	12	8	0
CHRML	2	10	4	7	7	37	7	12	8	3	16	6	8	3	2
COELK	49	58	51	35	8	47	75	40	42	5	71	67	43	29	17
CYCKU	2	1	5	2	2	0	4	6	7	1	0	3	5	5	2
DINOB	9	0	0	6	0	0	3	0	13	0	7	0	0	0	0
ELAKA	12	4	4	0	0	0	4	16	0	0	0	4	4	4	0
FRAGC	0	0	20	0	0	0	5	0	8	0	0	2	0	28	0
LYNGL	32	18	31	14	17	23	22	13	12	11	21	19	27	5	13
MELOS	20	40	30	60	10	0	20	20	30	10	10	40	30	40	10
OOCYS	4	6	6	10	4	2	8	12	2	0	14	12	2	6	4
OSCLS	1	5	0	0	2	0	2	1	0	0	2	4	2	0	1
PERDP	5	1	0	0	0	65	2	1	0	0	1	2	0	0	0
PERID	2	4	2	0	0	3	4	4	1	1	6	2	0	0	0
SPHAE	1	1	3	1	0	1	1	1	0	1	0	1	1	0	0
STEPH	2	1	1	2	1	3	3	2	2	0	1	0	2	1	1
TABEL	3	17	15	23	24	0	7	10	10	24	0	12	8	29	37

OK1 W	0	10	20	40	60
ANACR	33	29	46	4	0
ANACU	11	0	0	0	1
ANAST	10	5	4	6	0
APHMC	94	140	106	158	36
APHNI	75	73	68	115	63
CHLMY	1	0	0	0	0
CHMLL	2	1	1	0	0
CHRCC	12	12	48	16	6
CHRML	3	3	6	6	4
COELK	18	7	3	12	3
CRUCI	0	0	2	0	0
CYCKU	2	4	3	3	1
DCTYL	0	0	3	0	5
DINOB	0	0	13	0	0
ELAKA	0	0	4	0	4
FRAGC	0	0	0	0	0
LYNGL	13	28	30	44	44
MELOS	20	30	30	40	10
OOCYS	0	4	0	0	0
OSCIL	0	0	0	62	2
OSCLS	4	2	3	3	6
PERDP	2	1	1	0	1
PERID	0	1	0	0	0
SPHAE	1	4	1	1	1
STEPH	1	0	1	0	1
TABEL	3	0	3	3	8

OK2 W	0	10	20	40	60
ANACR	20	48	68	62	5
ANACU	12	0	25	0	0
ANAST	7	7	5	2	1
APHMC	125	108	89	131	52
APHNI	223	113	95	28	73
CHLMY	2	2	2	0	0
CHMLL	4	2	0	1	0
CHRCC	0	14	34	14	0
CHRML	8	7	4	5	9
COELK	0	4	12	0	6
CRUCI	0	0	1	1	0
CYCKU	2	3	5	1	3
DCTYL	0	8	0	8	0
DINOB	0	0	15	23	0
ELAKA	4	4	4	0	0
FRAGC	0	0	8	0	0
LYNGL	22	32	19	17	18
MELOS	10	30	30	30	10
OOCYS	4	4	0	0	0
OSCIL	0	0	0	0	7
OSCLS	3	2	7	4	7
PERDP	3	0	1	1	0
PERID	3	3	2	0	1
SPHAE	1	0	2	1	0
STEPH	0	1	1	1	3
TABEL	5	0	5	2	6

OK3 W	0	10	20	40	60
ANACR	49	28	39	29	1
ANACU	0	0	0	0	0
ANAST	13	3	3	5	1
APHMC	64	85	112	100	39
APHNI	120	20	15	14	23
CHLMY	0	0	1	0	0
CHMLL	3	1	1	4	0
CHRCC	0	2	10	0	0
CHRML	3	4	3	11	9
COELK	0	5	4	3	6
CRUCI	0	2	2	3	0
CYCKU	1	3	5	4	1
DCTYL	0	0	0	0	0
DINOB	0	0	2	2	0
ELAKA	0	0	4	4	0
FRAGC	0	13	10	10	0
LYNGL	9	20	37	17	55
MELOS	10	30	30	40	20
OOCYS	0	0	4	4	0
OSCIL	0	0	0	0	9
OSCLS	0	0	0	0	11
PERDP	2	2	2	1	0
PERID	1	0	1	1	0
SPHAE	0	6	1	2	0
STEPH	0	1	0	3	2
TABEL	0	0	1	9	5

OK1 X	0	10	20	40	60
ANACR	4	8	11	3	0
ANACU	5	2	3	3	0
ANAST	2	1	5	3	0
APHMC	113	141	168	134	59
APHNI	93	141	168	134	53
CHRCC	10	0	0	0	0
CHRML	4	5	8	3	6
COELK	10	5	2	7	10
CRUCI	1	0	0	0	0
CYCKU	4	3	4	7	1
DCTYL	0	0	0	0	0
FRAGC	5	18	12	1	0
LYNGL	34	25	25	32	46
MELOS	2	3	3	5	0
OOCYS	8	0	0	0	0
OSCLS	7	3	4	9	20
PERDP	1	0	0	0	0
PERID	2	0	1	1	0
SPHAE	2	1	1	1	1
STEPH	1	1	1	2	2
TABEL	0	0	0	0	0

OK2 X	0	10	20	40	60
ANACR	168	52	30	10	2
ANACU	3	52	8	1	0
ANAST	17	4	1	0	1
APHMC	130	182	175	201	109
APHNI	68	20	43	48	73
CHRCC	16	26	14	2	0
CHRML	3	3	5	2	16
COELK	3	3	5	0	5
CRUCI	0	0	0	1	0
CYCKU	1	2	2	5	3
DCTYL	0	0	0	22	0
FRAGC	6	10	12	4	0
LYNGL	16	12	18	13	59
MELOS	2	4	4	6	2
OOCYS	0	2	10	4	0
OSCLS	8	6	2	8	25
PERDP	1	1	1	0	1
PERID	3	1	0	1	0
SPHAE	2	2	1	1	1
STEPH	1	2	0	2	2
TABEL	6	0	0	5	1

OK3 X	0	10	20	40	60
ANACR	64	74	113	9	0
ANACU	0	3	1	0	0
ANAST	2	7	5	4	0
APHMC	126	158	200	191	54
APHNI	115	55	43	20	28
CHRCC	10	10	8	0	0
CHRML	4	9	19	6	6
COELK	7	6	14	10	0
CRUCI	0	0	3	2	0
CYCKU	3	3	4	5	3
DCTYL	0	4	0	4	0
FRAGC	0	0	0	0	0
LYNGL	16	17	20	23	44
MELOS	3	4	3	4	2
OOCYS	4	2	12	0	0
OSCLS	4	2	7	2	4
PERDP	0	1	1	0	0
PERID	1	1	1	1	0
SPHAE	1	2	2	0	0
STEPH	1	1	4	2	2
TABEL	3	0	2	3	0

OK2 Y	0	10	20	40	60
ANACR	6	0	4	1	0
ANACU	4	1	1	0	0
ANAST	0	5	0	15	2
APHMC	17	13	17	30	2
APHNI	40	5	12	10	10
CHMLL	0	1	0	0	1
CHRCC	8	0	12	38	0
CHRML	8	5	12	3	0
COELK	3	3	31	3	7
CYCKU	3	1	2	1	3
ELAKA	0	0	2	2	0
FRAGC	0	0	5	2	0
GONMS	1	0	3	0	0
LYNGL	12	12	10	17	3
MELOS	30	15	51	46	73
OSCLS	0	1	0	0	1
PERID	1	0	0	0	0
SPHAE	2	0	1	1	0
SYNEM	0	1	0	1	0

OK2 Z	0	10	20	40	60
ANACU	0	2	0	0	0
APHMC	5	0	0	15	13
APHNI	10	5	13	8	28
ASTRI	0	4	10	19	7
CHRML	10	16	10	9	13
COELK	6	3	6	5	7
CYCKU	2	3	3	3	4
ELAKA	2	4	2	2	0
FRAGC	0	0	25	0	0
LYNGL	4	6	1	1	13
MELOS	9	32	25	16	24
OSCLS	0	1	0	1	1
SPHAE	0	0	0	1	0

OK2 A	0	10	20	40	60
APHMC	5	4	17	13	0
APHNI	0	0	0	3	0
ASTRI	3	0	4	4	9
CHRCC	0	0	0	2	0
CHRML	2	7	6	6	12
COELK	0	5	0	3	3
CYCKU	2	1	4	0	4
ELAKA	0	0	0	0	2
LYNGL	0	0	1	0	1
MELOS	25	12	6	32	13
OSCIL	0	0	1	0	1

OK2 C	0	10	20	40	60
APHMC	0	0	0	0	1
ASTRI	65	13	7	8	0
CHMLL	0	0	0	2	1
CHRML	9	10	9	6	4
CYCKU	1	0	1	1	0
ELAKA	0	6	0	0	0
FRAGC	0	5	0	0	0
FRAGL	0	0	0	13	0
LYNGL	0	0	0	1	0
MELOS	1	0	9	19	0
PERID	1	0	0	1	0
STEPH	1	1	0	1	0
TABEL	0	0	9	8	0
ULOTH	7	0	0	0	0
UNKCH	4	1	5	1	2

OK2 D	0	10	20	40	60
APHMC	0	0	0	5	0
ASTRI	75	12	12	24	28
CHMLL	0	0	0	1	0
CHRML	25	8	11	12	14
COELK	1	0	0	0	1
CRUCI	0	2	0	0	0
CYCKU	1	1	1	0	0
ELAKA	4	2	0	2	2
FRAGC	16	0	0	0	0
FRAGL	8	0	0	0	10
LYNGL	0	0	0	0	1
MELOS	11	6	0	0	29
PERID	1	2	1	1	1
STEPH	1	2	3	0	1
ULOTH	13	0	0	0	0

OK2 E	0	10	20	40	60
ANKLG	23	34	2	2	0
APHMC	0	17	0	0	0
ASTRI	937	1050	1256	1053	0
CHRML	360	230	293	307	3
CYCKU	0	3	1	1	0
DINOB	77	17	1	4	0
ELAKA	23	7	33	22	0
FRAGC	0	377	7	99	0
FRAGL	0	0	12	0	0
LYNGL	17	7	15	5	0
MALLO	7	0	7	8	0
MELOS	0	0	16	8	0
NAVIC	13	0	4	3	0
OOCYS	3	3	4	0	0
PERID	0	3	1	0	0
RHOIC	0	3	3	6	0
SPHAE	0	3	0	0	0
STEPH	0	3	4	2	0
SYNCH	0	0	8	8	0
SYNEM	3	0	0	2	0
TABEL	0	13	0	1	0
ULOTH	0	0	23	28	0

STATION OK5	5/13	6/ 3	6/18	7/ 4	7/17	7/30	8/13	8/26	9/10	10/21	11/19	12/18	2/19	3/26	4/20
TOTAL PHYTOPLANKTON															
0	NNNNN	239	469	225	612	454	598	496	275	198	65	37	9	4	866
10	NNNNN	322	380	293	651	379	371	510	308	194	91	23	1	60	883
20	NNNNN	552	266	326	385	392	597	390	244	153	152	25	7	4	1165
40	NNNNN	916	546	232	398	351	271	457	332	69	74	49	9	3	884
60	NNNNN	352	372	77	114	477	291	374	224	24	89	16	2	4	39
ALL	NNNNN	2381	2033	1153	2160	2053	2128	2227	1383	638	471	150	28	75	3837
TOTAL BLUEGREENS															
0	NNNNN	12	286	35	523	353	501	453	238	118	35	8	2	3	27
10	NNNNN	13	181	88	565	284	305	385	273	132	19	16	0	42	23
20	NNNNN	52	157	134	236	310	481	289	228	87	59	2	2	0	10
40	NNNNN	7	122	42	282	268	171	340	291	45	19	15	0	1	13
60	NNNNN	2	10	19	56	348	235	312	195	18	44	1	0	0	30
ALL	NNNNN	86	756	318	1662	1563	1693	1779	1225	400	176	42	4	46	103
TOTAL GREENS															
0	NNNNN	0	0	0	18	13	16	4	14	3	0	0	0	0	57
10	NNNNN	0	0	0	15	7	0	7	13	3	1	0	0	0	30
20	NNNNN	0	0	3	11	8	1	10	5	2	10	2	0	0	89
40	NNNNN	0	0	4	7	11	4	11	9	0	3	2	0	0	38
60	NNNNN	0	0	1	1	15	3	3	8	1	1	0	0	0	0
ALL	NNNNN	0	0	8	52	54	24	35	49	9	15	4	0	0	214
TOTAL DIATOMS															
0	NNNNN	99	173	68	57	64	56	28	15	67	21	22	7	1	446
10	NNNNN	282	182	71	54	51	46	74	14	53	58	7	0	16	433
20	NNNNN	405	104	118	100	52	75	69	9	54	62	17	2	0	519
40	NNNNN	902	413	120	100	62	89	95	20	21	41	29	4	0	363
60	NNNNN	347	352	40	50	93	51	54	13	5	36	15	0	0	0
ALL	NNNNN	2035	1224	417	361	322	317	320	71	200	218	90	13	17	1761
TOTAL PHYTOFLAGELLATES															
0	NNNNN	128	10	122	14	24	25	11	8	10	9	7	0	0	336
10	NNNNN	27	17	133	17	37	20	44	8	6	13	0	1	2	397
20	NNNNN	95	5	70	38	22	40	22	2	10	21	4	3	4	547
40	NNNNN	7	11	65	9	10	7	11	12	3	11	3	5	2	470
60	NNNNN	3	10	17	7	21	2	5	8	0	8	0	2	4	9
ALL	NNNNN	260	53	407	85	114	94	93	38	29	62	14	11	12	1759
TOTAL DOMINANTS															
0	NNNNN	113	458	130	449	285	391	290	86	67	25	20	2	3	779
10	NNNNN	282	336	173	467	225	218	177	74	63	40	8	1	18	840
20	NNNNN	383	193	238	151	201	377	45	53	57	85	3	2	4	1030
40	NNNNN	828	431	129	234	184	91	141	60	11	30	15	3	3	822
60	NNNNN	325	300	38	53	324	176	159	76	6	41	4	2	3	9
ALL	NNNNN	1931	1718	708	1354	1219	1253	812	349	204	221	50	10	31	3480
ANACU															
0	NNNNN	0	225	17	5	0	0	0	0	4	0	0	0	0	0
10	NNNNN	12	140	59	24	3	0	0	0	0	0	0	0	0	0
20	NNNNN	5	53	84	9	1	0	0	0	0	0	0	0	0	0
40	NNNNN	0	9	7	3	0	0	0	0	0	0	0	0	0	0
60	NNNNN	0	0	1	1	0	0	0	0	0	0	0	0	0	0
ALL	NNNNN	17	427	168	42	4	0	0	0	4	0	0	0	0	0
APHNI															
0	NNNNN	0	0	5	420	278	380	270	68	45	13	0	0	3	0
10	NNNNN	0	0	2	418	208	210	150	53	33	0	8	0	0	10
20	NNNNN	0	0	40	125	170	366	31	38	33	21	0	0	0	0
40	NNNNN	0	0	0	211	168	88	91	45	0	10	10	0	0	0
60	NNNNN	0	0	0	43	288	166	120	31	5	23	0	0	0	0
ALL	NNNNN	0	0	47	1217	1112	1210	662	235	116	67	18	0	3	10
ASTRI															
0	NNNNN	48	64	0	0	0	0	0	0	5	3	11	0	0	400
10	NNNNN	64	72	0	0	0	0	0	0	2	6	0	0	16	420
20	NNNNN	160	32	0	0	0	0	0	0	8	4	0	0	0	283
40	NNNNN	144	64	0	0	0	0	0	0	4	9	2	0	0	288
60	NNNNN	56	40	0	0	0	0	0	0	0	8	4	0	0	0
ALL	NNNNN	472	272	0	0	0	0	0	0	19	30	17	0	16	1391
CHRML															
0	NNNNN	5	2	51	9	5	5	2	6	8	8	6	0	0	333
10	NNNNN	2	7	58	9	5	4	7	8	4	12	0	1	0	397
20	NNNNN	27	1	25	13	12	8	3	2	10	21	3	2	4	540
40	NNNNN	5	6	23	6	7	1	6	6	3	10	3	3	2	466
60	NNNNN	3	10	7	6	15	1	5	8	0	8	0	2	3	9
ALL	NNNNN	42	26	164	43	44	19	23	30	25	59	12	8	9	1745
FRAGC															
0	NNNNN	48	108	48	12	0	0	0	0	0	0	0	0	0	33
10	NNNNN	204	84	48	12	8	0	0	0	5	20	0	0	0	0
20	NNNNN	144	60	84	0	5	0	0	0	0	30	0	0	0	197
40	NNNNN	672	252	72	12	0	0	5	0	0	0	0	0	0	57
60	NNNNN	264	240	12	0	7	5	0	0	0	0	0	0	0	0
ALL	NNNNN	1332	744	264	36	20	5	5	0	5	50	0	0	0	287
LYNGL															
0	NNNNN	12	59	9	3	2	6	18	12	5	1	3	2	0	13
10	NNNNN	0	33	6	4	1	4	20	13	19	2	0	0	2	13
20	NNNNN	47	47	5	4	13	3	11	13	6	9	0	0	0	10
40	NNNNN	7	100	27	2	9	2	39	9	4	1	0	0	1	11
60	NNNNN	2	10	18	3	14	4	34	37	1	2	0	0	0	0
ALL	NNNNN	68	249	65	16	39	19	122	84	35	15	3	2	3	47

	OK4 Q 0	10	20	40	60	OK5 Q 0	10	20	40	60	OK6 Q 0	10	20	40	60
ANACU	5	0	0	0	0	0	12	5	0	0	7	0	1	0	0
ANAST	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ASTRI	48	96	184	152	64	48	64	160	144	56	48	64	200	128	64
CHRML	2	11	35	10	9	5	2	27	5	3	3	1	29	1	6
DINOB	145	138	38	3	2	123	25	54	2	0	53	8	55	8	0
FRAGC	108	108	216	408	276	48	204	144	672	264	48	48	336	324	252
LYNGL	15	26	36	37	0	12	0	47	7	2	5	9	30	5	0
MELOS	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0
RHIZO	11	29	116	99	0	3	7	84	45	11	20	12	129	37	12
STEPH	0	1	0	1	1	0	0	0	1	1	0	0	0	1	2
SYNEM	0	0	6	0	0	0	0	0	0	0	0	0	6	0	0
TABEL	0	2	8	32	16	0	7	17	40	15	0	4	15	33	12
UNKCH	0	5	2	0	0	0	0	14	0	0	0	0	4	0	0

	OK4 R 0	10	20	40	60	OK5 R 0	10	20	40	60	OK6 R 0	10	20	40	60
ANACU	136	115	104	12	1	225	140	53	9	0	203	169	71	6	0
ANAST	8	7	18	3	0	2	8	54	0	0	10	7	9	4	0
ASTRI	104	48	48	72	40	64	72	32	64	40	40	24	40	64	40
CHMLL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CHRML	6	4	9	10	3	2	7	1	6	10	7	2	2	10	9
DICTB	2	0	4	0	0	0	0	0	2	0	0	2	2	10	0
DINOB	15	5	23	10	0	8	10	4	5	0	23	20	10	12	3
FRAGC	108	72	96	252	216	108	84	60	252	240	36	96	72	132	276
LYNGL	69	46	76	99	19	59	33	47	100	10	37	51	47	67	19
OSCLS	0	0	6	2	1	0	0	3	11	0	0	0	3	11	0
RHIZO	0	0	1	58	34	1	0	2	69	16	1	0	1	78	26
STEPH	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
TABEL	3	0	21	38	50	0	25	10	28	56	9	4	6	33	73

	OK4 S 0	10	20	40	60	OK5 S 0	10	20	40	60	OK6 S 0	10	20	40	60
ANACU	22	21	27	162	1	17	59	84	7	1	16	193	16	11	12
ANAST	0	15	0	4	0	0	0	0	0	0	2	3	0	2	0
APHMC	2	0	0	5	0	0	18	5	3	0	4	12	0	3	0
APHNI	45	50	50	6	0	5	2	40	0	0	90	95	65	20	10
ASTRI	0	0	0	0	0	0	0	0	0	0	0	8	8	0	0
CHMLL	11	6	6	5	0	15	14	8	2	3	3	19	3	10	1
CHRML	59	17	20	12	10	51	58	25	23	7	34	58	21	26	14
CRUCQ	0	0	0	2	2	0	1	1	1	0	0	0	2	2	0
DICTB	4	3	4	3	0	4	3	0	5	0	7	3	3	2	1
DINOB	7	16	14	11	3	11	13	17	19	0	5	23	10	14	0
FRAGC	36	24	24	0	36	48	48	84	72	12	48	48	36	84	24
GONMS	1	3	0	0	0	0	0	2	1	0	0	1	1	0	0
LYNGL	6	10	12	26	19	9	6	5	27	18	7	13	5	13	42
MELOS	10	10	0	10	0	10	0	10	10	0	0	10	0	0	0
OSCLS	2	0	2	3	0	0	0	0	0	0	0	1	0	6	3
PERID	0	0	0	0	2	0	0	1	0	0	0	0	0	1	1
RHIZO	1	1	0	9	8	1	0	1	7	10	1	1	0	3	5
SPHAE	0	0	0	1	0	0	0	1	3	1	0	1	2	0	0
STEPH	0	1	1	1	3	2	3	2	3	1	0	1	1	2	1
SYNEM	1	0	0	1	1	2	1	0	1	1	0	0	2	1	0
TABEL	28	50	32	12	26	5	19	21	27	16	25	38	36	10	17
UNKCH	50	8	26	33	4	45	48	19	21	7	38	88	7	25	11

	OK4 T 0	10	20	40	60	OK5 T 0	10	20	40	60	OK6 T 0	10	20	40	60
ANACR	7	0	8	2	0	1	5	6	0	0	9	14	0	10	0
ANACU	2	9	2	3	0	5	24	9	3	1	1	7	3	3	1
ANAST	20	25	17	16	0	18	26	24	17	3	35	6	21	13	2
APHMC	28	11	16	3	0	10	25	10	24	0	5	20	25	15	9
APHNI	590	401	143	84	65	420	418	125	211	43	605	80	361	125	150
CHLMY	0	7	0	1	0	1	5	1	0	1	2	2	1	0	0
CHMLL	1	3	4	2	2	5	5	4	2	1	2	4	5	0	0
CHRML	8	8	6	5	11	9	9	13	6	6	7	17	18	11	14
COELK	16	43	45	38	0	66	63	58	25	6	43	70	65	23	6
CRUCI	5	4	5	0	0	7	3	7	3	0	0	5	7	0	1
DINOB	6	3	8	0	0	0	0	20	0	0	0	0	15	5	0
FRAGC	0	12	0	0	0	12	12	0	12	0	12	0	0	0	0
GNMSP	1	0	0	2	0	1	0	1	1	0	1	1	0	1	1
GONMS	0	2	0	1	0	0	0	1	1	0	0	1	0	1	1
LYNGL	5	2	0	3	1	3	4	4	2	3	6	4	5	2	6
MELOS	10	20	30	10	0	10	20	10	20	0	10	20	10	10	0
OOCYS	8	2	2	0	0	6	6	0	2	0	0	0	4	6	2
OSCLS	0	0	0	0	0	0	0	0	0	0	0	1	14	0	0
STEPH	1	4	4	2	0	3	4	10	4	3	3	10	8	5	2
TABEL	30	48	56	47	28	32	18	80	64	47	77	40	90	56	36
TETSP	0	1	3	2	0	3	1	1	0	0	2	0	2	0	1
UNKCH	1	1	2	1	0	0	3	1	1	0	0	1	0	0	0

	OK4 U 0	10	20	40	60	OK5 U 0	10	20	40	60	OK6 U 0	10	20	40	60
ANACR	0	0	3	8	0	0	0	0	0	0	1	2	18	0	0
ANACU	1	0	0	0	0	0	3	1	0	0	1	0	0	0	0
ANAST	24	16	13	15	7	7	9	20	11	2	20	15	21	13	12
APHMC	16	34	34	14	10	29	20	45	22	10	29	19	34	23	20
APHNI	243	88	103	88	188	278	208	170	168	288	158	110	335	115	225
CHLMY	1	0	0	0	1	0	1	0	1	0	1	1	2	1	1
CHMLL	3	1	1	1	2	1	3	3	1	3	1	4	6	1	10
CHRCC	14	0	0	0	0	4	6	0	0	0	4	2	10	0	0
CHRML	5	3	11	13	11	5	5	12	7	15	3	8	13	8	5
COELK	40	23	47	54	18	33	37	61	57	33	24	39	73	38	25
CRUCI	2	2	5	2	0	2	1	1	0	2	2	1	2	3	0
DINOB	12	11	7	0	0	16	28	5	0	0	6	8	54	0	0
ELAKA	0	0	0	0	2	0	2	0	0	2	0	2	4	0	0
FRAGC	0	0	0	0	10	0	8	5	0	7	3	8	0	0	0
GONMS	0	0	4	2	0	0	0	4	1	0	1	2	1	2	0
LYNGL	2	0	5	3	13	2	1	13	9	14	0	4	1	5	23
MELOS	20	20	30	20	10	20	20	30	20	10	10	20	40	20	20
OOCYS	2	2	4	2	0	10	2	2	8	10	0	4	4	10	2
OSCLS	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0
PERDP	1	1	1	0	0	1	0	1	0	0	0	0	0	0	1
PERID	1	1	1	2	0	0	0	1	0	2	1	1	2	1	3
SPHAE	0	0	1	1	2	1	1	1	1	1	0	1	2	0	0
STEPH	4	4	8	7	4	5	1	8	6	4	2	4	9	11	3
TABEL	13	26	11	39	74	39	22	9	36	72	8	32	30	44	81
UNKCH	2	1	0	0	0	1	1	0	2	1	0	1	3	0	0

	OK4 V 0	10	20	40	60	OK5 V 0	10	20	40	60	OK6 V 0	10	20	40	60
ANACR	0	0	0	0	3	1	23	0	0	0	0	20	0	0	0
ANACU	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0
ANAST	12	14	18	13	23	30	18	32	13	11	29	9	23	17	10
APHMC	63	33	9	25	25	46	30	47	48	35	49	44	29	42	29
APHNI	505	190	5	110	58	380	210	366	88	166	518	86	128	66	106
CHLMY	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0
CHMLL	1	2	0	1	0	5	3	4	0	0	3	5	2	1	1
CHRCC	12	12	0	4	4	8	0	0	0	4	4	4	4	16	0
CHRML	4	7	0	2	2	5	4	8	1	1	2	2	4	1	2
COELK	23	32	0	21	19	30	20	33	20	15	13	25	20	35	17
CYCKU	5	5	0	3	3	0	3	2	4	3	4	5	3	6	3
DINOB	3	2	0	0	0	14	13	25	6	0	0	25	11	0	0
ELAKA	0	0	0	0	0	4	0	0	0	0	0	4	4	0	0
FRAGC	0	0	0	0	4	0	0	0	0	5	18	0	0	0	0
LYNGL	9	5	0	0	5	6	4	3	2	4	6	7	5	5	13
MELOS	30	40	0	30	30	30	30	40	30	10	30	60	50	30	30
OOCYS	2	2	0	4	0	10	0	0	4	2	6	2	4	12	10
OSCLS	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2
PERDP	0	0	0	0	0	1	0	0	0	0	0	1	0	1	2
PERID	0	1	0	1	0	0	0	3	0	1	1	2	0	0	0
SPHAE	1	0	0	0	0	1	0	0	0	1	0	1	2	2	0
STEPH	1	1	1	1	1	0	0	3	1	0	1	0	3	0	0
TABEL	13	7	20	16	56	26	13	30	54	33	5	7	43	20	55

OK4 W

	0	10	20	40	60
ANACR	20	13	13	1	0
ANAST	23	4	8	10	5
APHMC	105	109	92	166	78
APHNI	111	128	135	115	63
CHLMY	0	0	1	0	0
CHMLL	4	2	1	3	0
CHRCC	24	6	14	6	0
CHRML	1	6	7	13	7
COELK	12	0	12	17	15
CRUCI	1	0	3	3	0
CYCKU	2	2	9	5	6
DCTYL	0	0	0	0	0
DINOB	8	2	30	12	16
ELAKA	0	0	0	4	4
FRAGC	0	3	15	0	0
LYNGL	20	32	17	43	27
MELOS	50	40	40	50	40
OOCYS	10	4	4	4	0
OSCIL	0	0	0	0	1
OSCLS	3	2	4	3	2
PERDP	0	1	1	0	1
PERID	1	2	1	2	0
SPHAE	5	0	2	3	0
STEPH	1	1	3	1	2
TABEL	2	2	7	6	14

OK5 W

	0	10	20	40	60
ANACR	15	12	31	34	23
ANAST	6	10	14	8	4
APHMC	107	138	127	124	88
APHNI	270	150	31	91	120
CHLMY	0	0	0	0	0
CHMLL	5	9	0	3	0
CHRCC	24	28	52	12	20
CHRML	2	7	3	6	5
COELK	11	17	16	17	18
CRUCI	1	2	0	3	1
CYCKU	7	7	8	9	4
DCTYL	0	8	0	6	0
DINOB	2	24	17	0	0
ELAKA	0	0	4	0	0
FRAGC	0	0	0	5	0
LYNGL	18	20	11	39	34
MELOS	20	60	50	70	40
OOCYS	0	4	2	4	2
OSCIL	0	0	1	2	2
OSCLS	2	2	6	7	3
PERDP	1	2	2	2	0
PERID	1	2	0	0	0
SPHAE	3	1	4	4	0
STEPH	1	3	1	4	3
TABEL	0	4	10	7	7

OK6 W

	0	10	20	40	60
ANACR	0	14	3	37	20
ANAST	8	11	9	15	12
APHMC	93	128	133	145	79
APHNI	205	55	125	103	135
CHLMY	0	0	0	1	0
CHMLL	1	4	1	3	0
CHRCC	8	20	8	4	0
CHRML	0	7	4	8	4
COELK	19	6	18	14	15
CRUCI	0	3	0	1	0
CYCKU	3	4	6	10	6
DCTYL	0	0	0	0	4
DINOB	7	4	31	18	0
ELAKA	0	0	0	0	0
FRAGC	0	3	0	0	0
LYNGL	8	23	26	36	19
MELOS	10	50	60	50	40
OOCYS	0	4	10	6	2
OSCIL	0	2	1	2	0
OSCLS	0	1	1	2	6
PERDP	0	0	1	1	0
PERID	0	1	1	0	0
SPHAE	3	1	0	6	0
STEPH	1	1	1	2	0
TABEL	1	1	0	4	0

OK4 X

	0	10	20	40	60
ANACR	0	5	3	47	0
ANACU	0	0	0	0	0
ANAST	10	4	3	13	1
APHMC	159	175	178	202	62
APHNI	113	35	46	18	38
CHRCC	8	12	12	2	8
CHRML	5	6	8	7	9
COELK	6	6	10	7	0
CRUCI	0	0	3	3	1
CYCKU	4	5	10	5	4
DCTYL	5	4	5	4	0
DINOB	0	1	0	0	0
FRAGC	0	0	0	5	0
LYNGL	24	14	10	28	17
MELOS	5	4	6	5	2
OOCYS	6	8	6	4	0
OSCLS	1	0	1	2	8
PERDP	0	1	0	0	0
PERID	0	0	0	0	0
SPHAE	1	2	1	0	0
STEPH	2	0	1	2	1
TABEL	0	0	2	0	1

OK5 X

	0	10	20	40	60
ANACR	5	0	3	12	1
ANACU	0	0	0	0	0
ANAST	10	3	0	10	3
APHMC	117	165	158	182	98
APHNI	68	53	38	45	31
CHRCC	8	12	4	6	0
CHRML	6	8	2	6	8
COELK	8	7	8	12	15
CRUCI	4	4	0	0	3
CYCKU	8	4	2	8	4
DCTYL	6	16	3	12	0
DINOB	2	0	0	4	0
FRAGC	0	0	0	0	0
LYNGL	12	13	13	9	37
MELOS	5	7	4	8	3
OOCYS	8	8	4	8	4
OSCLS	4	4	1	3	10
PERDP	0	0	0	2	0
PERID	0	0	0	0	0
SPHAE	2	1	1	1	1
STEPH	2	3	3	2	1
TABEL	0	0	0	2	5

OK6 X

	0	10	20	40	60
ANACR	0	6	1	0	0
ANACU	0	0	0	12	0
ANAST	2	5	3	0	6
APHMC	177	164	159	123	105
APHNI	65	45	103	15	66
CHRCC	20	0	8	0	0
CHRML	9	7	1	0	5
COELK	9	6	5	15	4
CRUCI	4	1	9	2	1
CYCKU	6	5	9	5	10
DCTYL	8	6	4	2	0
DINOB	4	0	15	0	0
FRAGC	0	5	14	0	0
LYNGL	25	5	8	18	31
MELOS	5	5	7	5	4
OOCYS	4	2	2	4	0
OSCLS	3	5	2	0	8
PERDP	0	0	0	0	0
PERID	0	1	0	0	0
SPHAE	2	2	0	1	0
STEPH	1	2	4	1	3
TABEL	0	3	0	4	0

OK5 Y

	0	10	20	40	60
ANACR	1	5	4	0	0
ANACU	4	0	0	0	0
ANAST	0	39	8	0	0
APHMC	22	36	28	35	2
APHNI	45	33	33	0	5
ASTRI	5	2	8	4	0
CHMLL	1	2	0	0	0
CHRCC	36	0	8	4	8
CHRML	8	4	10	3	0
COELK	5	0	0	2	2
CYCKU	1	2	2	1	0
ELAKA	2	2	0	0	0
FRAGC	0	5	0	0	0
LYNGL	5	19	6	4	1
MELOS	61	39	44	16	5
PERID	1	0	0	0	0
SPHAE	1	1	2	0	1
TABEL	0	5	0	0	0

OK5 Z

	0	10	20	40	60
APHMC	11	12	7	5	12
APHNI	13	0	21	10	23
ASTRI	3	6	4	9	8
CHMLL	1	1	0	1	0
CHRML	8	12	21	10	8
COELK	9	5	22	3	7
CYCKU	2	1	3	3	3
ELAKA	0	0	2	2	0
FRAGC	0	20	30	0	0
LYNGL	1	2	9	1	2
MELOS	16	31	25	29	25
OSCLS	1	0	0	0	0
SPHAE	0	1	8	1	1

OK5 A

	0	10	20	40	60
APHMC	1	4	2	3	1
APHNI	0	8	0	10	0
ASTRI	11	0	0	2	4
CHRCC	0	4	0	2	0
CHRML	6	0	3	3	0
COELK	4	0	0	0	0
CYCKU	2	2	1	2	0
ELAKA	0	0	2	2	0
LYNGL	3	0	0	0	0
MELOS	9	5	16	25	11
PERID	1	0	1	0	0

OK5 C

	0	10	20	40	60
CHMLL	0	0	0	1	0
CHRML	0	1	2	3	2
COELK	0	0	2	0	0
CYCKU	0	0	0	1	0
LYNGL	2	0	0	0	0
MELOS	7	0	2	2	0
PERID	0	0	1	1	0
SYNEM	0	0	0	1	0

OK5 D

	0	10	20	40	60
APHNI	3	0	0	0	0
ASTRI	0	16	0	0	0
CHMLL	0	1	0	0	0
CHRML	0	0	4	2	3
LYNGL	0	2	0	1	0
MELOS	1	0	0	0	0
OSCLT	0	40	0	0	0
PERID	0	1	0	0	1

OK5 E

	0	10	20	40	60
ANKLG	40	20	56	24	0
APHMC	7	0	0	2	0
APHNI	0	10	0	0	0
ASTRI	400	420	283	288	0
CHRML	333	397	540	466	9
CYCKU	0	0	0	2	0
ELAKA	17	10	30	13	0
FRAGC	33	0	197	57	0
LYNGL	13	13	10	11	0
MALLO	3	0	7	2	0
MELOS	10	3	0	8	0
MERIS	0	0	0	0	30
NAVIC	0	10	7	0	0
OOCYS	0	0	3	0	0
OSCLT	7	0	0	0	0
PERID	0	0	0	2	0
RHOIC	0	0	3	0	0
SPHAE	0	0	0	1	0
STEPH	3	0	3	6	0
SYNEM	0	0	3	2	0
TABEL	0	0	23	0	0

STATION OK8

	5/13	6/ 3	6/17	7/ 3	7/16	7/30	8/12	8/25	9/ 9	10/21	11/19	12/18	2/19	3/26	4/20
TOTAL PHYTOPLANKTON															
0	NNNNN	507	629	253	316	306	283	369	265	154	60	NNNNN	20	31	1296
10	NNNNN	715	591	255	168	307	223	382	241	91	60	NNNNN	14	55	1545
20	NNNNN	677	566	275	174	355	294	341	274	137	53	NNNNN	38	126	1299
40	NNNNN	795	954	183	71	289	356	485	355	87	131	NNNNN	23	55	1372
60	NNNNN	249	514	264	81	141	158	306	317	162	86	NNNNN	6	60	3
ALL	NNNNN	2943	3254	1230	810	1398	1314	1883	1452	631	390	NNNNN	101	327	5515
TOTAL BLUEGREENS															
0	NNNNN	31	364	102	286	267	242	301	251	69	10	NNNNN	2	2	19
10	NNNNN	38	188	102	111	214	138	273	221	61	27	NNNNN	1	4	33
20	NNNNN	46	222	86	97	251	180	259	230	62	14	NNNNN	0	0	40
40	NNNNN	13	70	69	23	223	254	391	303	41	63	NNNNN	3	2	36
60	NNNNN	8	38	102	34	73	116	232	296	86	28	NNNNN	2	1	0
ALL	NNNNN	136	882	461	551	1028	930	1456	1301	319	142	NNNNN	8	9	128
TOTAL GREENS															
0	NNNNN	0	0	0	12	5	1	7	1	1	0	NNNNN	0	2	93
10	NNNNN	0	0	2	4	5	7	11	6	2	4	NNNNN	0	0	13
20	NNNNN	0	0	1	7	10	15	9	7	2	1	NNNNN	2	4	47
40	NNNNN	0	0	1	2	10	1	9	13	3	7	NNNNN	2	2	55
60	NNNNN	0	0	2	0	6	1	7	4	8	1	NNNNN	0	0	0
ALL	NNNNN	0	0	6	25	36	25	43	31	16	13	NNNNN	4	8	208
TOTAL DIATOMS															
0	NNNNN	449	160	49	13	27	26	50	11	74	43	NNNNN	15	26	738
10	NNNNN	659	375	86	27	68	59	92	6	26	23	NNNNN	8	47	1066
20	NNNNN	597	327	89	59	79	82	64	33	67	26	NNNNN	34	105	559
40	NNNNN	772	821	90	46	41	93	74	30	37	41	NNNNN	10	38	742
60	NNNNN	233	468	132	42	45	33	62	8	65	52	NNNNN	2	50	0
ALL	NNNNN	2710	2151	446	187	260	293	342	88	269	185	NNNNN	69	266	3105
TOTAL PHYTOFLAGELLATES															
0	NNNNN	27	105	102	5	7	14	11	2	10	7	NNNNN	3	1	446
10	NNNNN	18	28	63	26	20	19	6	8	2	6	NNNNN	5	4	433
20	NNNNN	34	17	98	11	15	17	9	4	6	12	NNNNN	2	17	653
40	NNNNN	10	63	19	0	15	8	11	9	6	20	NNNNN	8	13	538
60	NNNNN	8	8	28	5	17	8	5	9	3	5	NNNNN	2	9	3
ALL	NNNNN	97	221	310	47	74	66	42	32	27	50	NNNNN	20	44	2073
TOTAL DOMINANTS															
0	NNNNN	359	529	157	115	194	190	172	112	20	29	NNNNN	3	11	1152
10	NNNNN	539	530	160	70	170	74	123	59	32	19	NNNNN	13	33	1483
20	NNNNN	552	522	173	66	146	122	130	75	32	18	NNNNN	2	118	1206
40	NNNNN	667	747	106	20	111	149	255	108	21	64	NNNNN	15	34	1225
60	NNNNN	204	483	148	20	79	89	115	167	34	30	NNNNN	3	60	3
ALL	NNNNN	2321	2811	744	291	700	624	795	521	139	160	NNNNN	36	256	5069
ANACU															
0	NNNNN	0	241	45	11	0	0	0	10	0	0	NNNNN	0	0	0
10	NNNNN	0	38	23	15	0	0	0	0	0	0	NNNNN	0	0	0
20	NNNNN	0	67	34	0	0	0	0	0	0	0	NNNNN	0	0	0
40	NNNNN	0	2	11	0	0	0	0	0	0	1	NNNNN	0	0	0
60	NNNNN	0	5	0	0	0	0	0	0	0	0	NNNNN	0	0	0
ALL	NNNNN	0	353	113	26	0	0	0	10	0	1	NNNNN	0	0	0
APHNI															
0	NNNNN	0	0	35	88	190	181	143	83	0	3	NNNNN	0	0	0
10	NNNNN	0	0	60	45	165	66	83	40	10	3	NNNNN	0	0	0
20	NNNNN	0	0	30	60	128	103	98	40	20	0	NNNNN	0	0	0
40	NNNNN	0	0	20	18	95	140	223	75	7	16	NNNNN	0	0	9
60	NNNNN	0	0	0	10	55	78	98	115	15	18	NNNNN	0	0	0
ALL	NNNNN	0	0	145	221	633	568	645	353	52	40	NNNNN	0	0	9
ASTRI															
0	NNNNN	120	32	0	0	0	0	0	0	4	16	NNNNN	2	0	399
10	NNNNN	184	96	0	0	0	0	0	0	4	9	NNNNN	0	27	293
20	NNNNN	144	96	0	0	0	0	0	0	3	5	NNNNN	0	40	200
40	NNNNN	112	168	0	0	0	0	0	0	0	15	NNNNN	8	20	339
60	NNNNN	48	56	0	0	0	0	0	0	12	5	NNNNN	0	20	0
ALL	NNNNN	608	448	0	0	0	0	0	0	23	50	NNNNN	10	107	1231
CHRML															
0	NNNNN	4	20	39	3	4	3	1	0	10	6	NNNNN	1	1	444
10	NNNNN	5	9	19	10	4	4	2	7	2	6	NNNNN	4	3	433
20	NNNNN	14	8	33	6	8	7	5	4	6	12	NNNNN	2	15	643
40	NNNNN	2	15	9	0	11	7	9	8	5	20	NNNNN	7	12	530
60	NNNNN	8	7	18	5	14	6	5	9	3	5	NNNNN	2	9	3
ALL	NNNNN	33	59	118	24	41	27	22	28	26	49	NNNNN	16	40	2053
FRAGC															
0	NNNNN	204	120	24	12	0	0	12	5	0	0	NNNNN	0	8	293
10	NNNNN	312	256	48	0	0	0	20	0	0	0	NNNNN	8	0	727
20	NNNNN	348	216	60	0	5	9	0	20	0	0	NNNNN	0	63	323
40	NNNNN	540	516	48	0	0	0	0	0	0	0	NNNNN	0	0	325
60	NNNNN	144	384	36	0	0	0	0	0	0	0	NNNNN	0	30	0
ALL	NNNNN	1548	1492	216	12	5	9	32	25	0	0	NNNNN	8	101	1668
LYNGL															
0	NNNNN	31	116	14	1	0	6	16	14	6	4	NNNNN	0	2	16
10	NNNNN	38	131	10	0	1	4	18	12	16	1	NNNNN	1	3	30
20	NNNNN	46	135	16	0	5	3	27	11	3	1	NNNNN	0	0	40
40	NNNNN	13	46	18	2	5	2	23	25	9	12	NNNNN	0	2	22
60	NNNNN	4	31	94	5	10	5	12	43	4	2	NNNNN	1	1	0
ALL	NNNNN	132	459	152	8	21	20	96	105	38	20	NNNNN	2	8	108

	OK7 Q 0	10	20	40	60	OK8 Q 0	10	20	40	60	OK9 Q 0	10	20	40	60
ASTRI	0	216	136	136	24	120	184	144	112	48	144	128	144	104	32
CHRML	5	5	19	13	3	4	5	14	2	8	4	9	30	14	16
DICTB	0	0	0	0	0	0	0	0	0	4	2	0	0	2	0
DINOB	3	11	30	6	0	23	13	18	8	0	8	7	13	3	0
FRAGC	0	264	360	492	300	204	312	348	540	144	168	216	408	420	192
LYNGL	13	47	42	14	1	31	38	46	13	4	27	39	37	16	8
MELOS	0	0	10	0	10	0	10	0	0	10	20	0	20	0	10
RHIZO	30	53	94	64	6	125	112	98	64	20	88	90	116	63	24
STEPH	0	0	0	1	2	0	1	0	2	2	14	0	14	0	6
SYNEM	0	6	6	0	0	0	6	0	6	6	6	6	6	12	0
TABEL	0	23	8	35	18	0	34	7	48	3	2	11	49	33	29
UNKCH	0	0	5	2	0	0	0	2	0	0	4	1	4	2	0

	OK7 R 0	10	20	40	60	OK8 R 0	10	20	40	60	OK9 R 0	10	20	40	60
ANACU	194	145	100	0	1	241	38	67	2	5	108	106	96	3	16
ANAST	4	9	7	0	0	4	11	7	2	0	4	5	6	2	4
ASTRI	16	64	80	96	40	32	96	96	168	56	56	104	80	112	56
CHMLL	0	0	1	1	0	0	0	1	0	1	0	1	0	1	0
CHRML	12	2	5	3	9	20	9	8	15	7	4	10	10	10	7
DICTB	0	1	0	2	0	3	8	2	3	0	0	8	0	0	0
DINOB	77	96	58	5	0	85	19	8	48	0	53	53	20	40	10
FRAGC	12	204	204	720	276	120	256	216	516	384	0	0	0	0	0
FRAGL	0	0	0	0	0	0	0	0	0	0	84	144	192	408	600
LYNGL	72	97	93	29	25	116	131	135	46	31	88	111	92	73	17
OSCLS	0	0	23	8	1	0	0	11	17	2	0	7	21	16	7
RHIZO	3	0	3	28	24	4	9	1	76	12	1	5	5	55	32
STEPH	0	0	0	0	2	0	1	1	0	1	0	0	1	2	0
TABEL	0	0	36	109	14	4	13	13	61	15	0	4	45	48	67

	OK7 S 0	10	20	40	60	OK8 S 0	10	20	40	60	OK9 S 0	10	20	40	60
ANACU	18	20	11	6	1	45	23	34	11	0	29	16	43	9	68
ANAST	0	2	4	1	0	3	0	0	3	0	0	0	0	0	0
APHMC	2	0	0	3	0	0	8	3	15	0	1	1	3	10	0
APHNI	35	58	25	25	20	35	60	30	20	0	25	0	65	25	20
CHMLL	8	9	9	13	6	7	8	12	4	0	8	6	8	3	2
CHRML	16	30	16	18	22	39	19	33	9	18	31	25	21	13	31
CRUCQ	0	2	0	2	0	0	2	1	4	0	2	0	0	0	0
DICTB	4	3	3	2	1	5	1	3	2	1	2	2	1	2	0
DINOB	14	16	7	19	0	29	7	22	3	0	10	17	23	1	0
FRAGC	48	96	48	12	24	24	48	60	48	36	60	72	72	84	60
GONMS	0	0	0	0	1	0	2	0	1	2	0	3	2	0	0
LYNGL	9	7	14	17	46	14	10	16	18	94	26	8	17	5	89
MELOS	10	0	10	10	10	10	30	10	30	40	0	0	10	10	10
OSCLS	0	0	0	6	3	0	0	0	0	7	0	0	0	0	3
PERID	0	1	0	1	0	1	1	0	0	1	0	0	0	1	2
RHIZO	1	1	0	1	10	1	1	1	1	22	0	0	1	1	29
SPHAE	0	1	0	1	0	0	0	1	0	0	0	0	2	0	1
STEPH	1	1	1	2	2	2	1	1	0	1	1	0	2	0	1
SYNEM	0	0	0	1	1	0	0	0	0	1	0	1	0	1	1
TABEL	25	18	35	34	22	12	6	17	11	32	25	0	12	36	37
UNKCH	27	25	4	13	11	26	28	31	3	9	33	27	16	9	5

	OK7 T 0	10	20	40	60	OK8 T 0	10	20	40	60	OK9 T 0	10	20	40	60
ANACR	3	9	9	2	0	168	11	7	3	19	5	11	28	0	1
ANACU	1	2	15	0	1	11	15	0	0	0	3	0	2	1	0
ANAST	1	6	6	4	0	5	8	11	0	0	7	4	6	0	0
APHMC	10	8	17	5	0	0	6	6	0	0	1	0	4	5	0
APHNI	125	138	158	108	25	88	45	60	18	10	215	128	48	93	8
CHLMY	0	2	0	0	0	0	0	0	0	0	1	3	2	0	0
CHMLL	1	3	4	3	1	2	3	2	0	0	2	5	2	0	1
CHRML	1	17	7	6	9	3	10	6	0	5	5	8	4	3	3
COELK	10	16	8	8	3	13	26	13	0	0	3	13	0	5	0
CRUCI	0	0	1	0	0	0	0	2	0	0	0	3	0	2	0
DINOB	5	0	5	0	0	0	12	3	0	0	2	1	0	0	0
FRAGC	0	0	12	12	0	12	0	0	0	0	0	0	0	0	0
GNMSP	1	1	1	0	0	3	0	0	2	0	1	2	1	0	0
GONMS	0	0	1	2	0	1	1	0	0	0	0	2	1	0	0
LYNGL	5	0	0	0	11	1	0	0	2	5	0	2	4	2	12
MELOS	10	20	10	10	0	0	10	20	0	0	0	20	10	0	0
OOCYS	0	0	2	0	0	8	0	0	0	0	0	0	0	0	0
OSCLS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STEPH	2	4	1	3	1	1	1	5	0	0	1	4	3	2	0
TABEL	12	20	130	22	54	0	16	34	46	42	0	44	75	14	16
TETSP	2	2	1	0	0	0	3	5	0	0	1	1	1	0	0
UNKCH	1	2	3	1	0	0	1	0	0	0	1	1	1	0	0

	OK7 U 0	10	20	40	60	OK8 U 0	10	20	40	60	OK9 U 0	10	20	40	60
ANACR	26	17	3	2	1	1	0	1	0	0	2	0	1	2	0
ANACU	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
ANAST	13	3	21	8	2	12	11	19	18	0	16	3	8	7	0
APHMC	21	6	19	24	5	23	6	19	25	0	16	21	21	8	3
APHNI	320	136	188	105	78	190	165	128	95	55	8	8	125	153	140
CHLMY	1	1	1	0	1	1	0	2	0	1	0	0	2	1	1
CHMLL	6	3	4	1	2	1	3	2	3	2	1	10	2	1	2
CHRCC	12	8	0	0	0	8	4	0	0	0	0	8	0	0	0
CHRML	6	4	14	3	11	4	4	8	11	14	0	9	5	6	10
COELK	3	41	60	44	8	33	26	78	80	5	18	46	53	30	10
CRUCI	1	0	2	2	0	0	3	3	0	0	3	0	4	0	0
DINOB	0	29	5	5	0	1	9	5	0	0	2	3	6	0	0
ELAKA	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
FRAGC	0	0	0	0	0	0	0	5	0	0	0	0	23	5	0
GONMS	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0
LYNGL	4	3	2	1	3	0	1	5	5	10	3	5	0	2	15
MELOS	20	40	50	30	0	10	40	40	20	0	10	50	30	50	0
OOCYS	0	0	0	4	0	4	2	4	10	4	8	8	20	10	4
OSCLS	0	0	0	0	1	0	1	1	0	3	0	2	0	0	1
PERDP	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0
PERID	3	1	0	0	1	1	2	0	1	0	1	1	0	0	0
SPHAE	1	1	3	0	1	0	0	0	0	1	1	0	0	1	1
STEPH	3	6	11	6	2	4	4	8	5	3	3	4	4	9	2
TABEL	28	33	20	27	19	13	24	26	16	42	3	8	10	3	0
UNKCH	0	1	1	1	1	0	1	0	0	1	0	2	0	1	1

	OK7 V 0	10	20	40	60	OK8 V 0	10	20	40	60	OK9 V 0	10	20	40	60
ANACR	0	3	0	0	0	0	0	0	4	0	0	2	0	2	0
ANAST	18	16	9	21	1	15	17	12	16	7	6	10	11	16	1
APHMC	28	34	44	38	3	28	21	15	55	13	31	31	21	37	16
APHNI	125	71	70	73	49	181	66	103	140	78	41	70	73	23	61
CHLMY	0	1	0	0	0	0	0	1	0	0	0	1	0	0	2
CHMLL	2	1	3	1	0	1	2	5	1	1	0	2	1	0	0
CHRCC	0	4	0	4	0	0	0	0	4	0	0	14	12	0	0
CHRML	2	6	6	3	9	3	4	7	7	6	2	6	2	1	4
COELK	37	24	30	14	0	12	28	47	30	12	22	21	14	25	14
CYCKU	2	2	5	4	1	1	4	6	6	1	0	9	3	8	0
DINOB	0	0	0	9	0	10	9	3	0	0	6	34	25	4	0
ELAKA	4	0	4	0	0	0	4	8	0	0	4	4	4	0	0
FRAGC	0	2	0	28	0	0	0	9	0	0	0	0	0	30	0
LYNGL	0	6	5	10	5	6	4	3	2	5	4	6	0	6	10
MELOS	30	60	60	40	0	20	40	50	60	10	30	60	50	60	10
OOCYS	6	2	4	8	0	0	2	4	0	0	4	2	2	2	4
OSCIL	0	0	0	149	0	0	0	0	0	0	0	0	0	0	0
OSCLS	2	0	2	0	0	0	2	0	3	1	0	0	2	0	1
PERDP	1	0	0	0	1	0	1	1	0	0	0	2	0	1	0
PERID	1	1	2	0	0	0	3	1	0	1	0	2	0	0	1
SPHAE	0	1	2	0	0	1	1	2	1	1	1	1	0	1	0
STEPH	0	2	0	2	0	2	3	1	4	4	1	0	0	0	1
TABEL	6	17	8	12	7	3	12	16	23	18	0	9	13	12	41

	OK7 W					OK8 W					OK9 W				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	19	9	0	18	7	33	14	2	0	0	0	24	3	5	0
ANAST	10	14	5	11	13	7	18	27	7	15	14	14	11	7	22
APHMC	80	70	105	88	88	81	124	77	115	77	110	76	108	113	121
APHNI	330	55	155	60	165	143	83	98	223	96	223	188	68	153	78
CHLMY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
CHMLL	4	1	2	2	0	2	3	0	1	0	2	1	1	1	1
CHRCC	8	8	0	12	8	12	0	16	8	12	6	24	28	0	6
CHRML	2	3	5	13	5	1	2	5	9	5	5	3	8	5	4
COELK	12	8	12	19	25	6	16	0	14	14	19	8	20	6	0
CRUCI	4	2	1	0	0	0	2	1	1	1	0	2	0	2	0
CYCKU	3	3	3	5	3	4	3	6	7	6	3	2	9	6	5
DCTYL	0	0	0	0	0	0	0	9	0	0	4	0	5	4	0
DINOB	0	0	0	2	0	7	0	4	1	0	5	5	9	0	2
ELAKA	4	4	4	4	4	4	0	0	0	0	4	0	0	4	0
FRAGC	1	3000	0	0	0	12	20	0	0	0	0	0	0	18	0
LYNGL	17	11	20	18	16	16	18	27	23	12	20	36	23	16	0
MELOS	30	40	50	80	60	30	60	50	60	50	40	50	70	60	70
OOCYS	2	0	12	8	2	2	6	6	8	4	2	2	6	2	2
OSCIL	0	0	1	0	2	0	0	0	0	0	0	0	0	1	0
OSCLS	1	0	6	2	0	3	0	3	1	4	0	3	5	1	0
PERDP	0	1	1	2	0	1	1	0	0	0	0	1	1	2	0
PERID	1	2	1	1	0	0	0	0	0	0	0	2	0	2	0
SPHAE	4	2	0	2	2	1	3	2	0	2	0	1	1	0	1
STEPH	3	1	6	2	4	1	2	1	1	0	2	1	2	3	1
TABEL	16	17	9	4	16	3	7	7	6	6	4	7	11	7	21

	OK7 X					OK8 X					OK9 X				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	18	5	19	13	0	0	4	17	13	0	0	7	31	0	0
ANACU	0	3	0	0	0	10	0	0	0	0	72	5	0	3	14
ANAST	6	7	6	7	1	3	4	5	14	0	6	4	7	2	13
APHMC	89	103	175	175	111	129	147	131	152	115	145	118	136	140	152
APHNI	78	15	78	33	38	83	40	40	75	115	45	33	63	96	66
CHRCC	12	4	0	12	8	4	2	16	4	0	6	0	12	4	4
CHRML	3	3	7	13	6	0	7	4	8	9	1	1	9	5	13
COELK	0	7	7	7	3	5	3	3	3	5	3	19	6	5	2
CRUCI	0	0	0	4	0	0	3	6	7	2	2	2	6	3	0
CYCKU	3	3	7	7	3	2	2	3	7	3	1	1	1	2	3
DCTYL	0	4	0	8	0	0	6	4	0	0	0	8	4	11	0
DINOB	0	0	4	30	7	2	1	0	0	0	2	7	0	0	0
FRAGC	0	0	25	0	0	5	0	20	0	0	0	0	0	0	3
LYNGL	6	12	29	14	34	14	12	11	25	43	9	15	21	19	45
MELOS	3	5	5	0	3	2	3	5	5	4	1	3	5	4	5
OOCYS	0	4	8	4	4	0	2	0	4	0	10	6	4	4	0
OSCLS	1	0	3	4	6	3	3	1	17	16	3	2	5	6	14
PERDP	1	0	0	2	0	0	0	0	1	0	0	1	0	0	1
PERID	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SPHAE	1	1	2	1	2	1	1	1	2	2	1	2	1	0	0
STEPH	1	1	2	1	1	2	1	2	1	1	0	0	3	1	2
TABEL	0	7	3	0	6	0	0	3	17	0	2	0	0	0	11

OK8 Y	0	10	20	40	60
ANACR	0	0	0	0	3
APHMC	49	27	24	23	43
APHNI	0	10	20	7	15
ASTRI	4	4	3	0	12
CHRCC	10	8	14	0	16
CHRML	10	2	6	5	3
COELK	4	0	0	0	4
CYCKU	3	0	1	1	1
ELAKA	0	2	0	0	0
GOHMS	1	0	0	0	0
LYNGL	6	16	3	9	4
MELOS	59	22	63	36	52
OSCLS	0	0	1	2	1
PERID	0	0	0	1	0
SPHAE	0	0	2	3	8
TABEL	8	0	0	0	0

OK8 Z	0	10	20	40	60
ANACU	0	0	0	1	0
APHMC	1	4	8	27	6
APHNI	3	3	0	16	16
ASTRI	16	9	5	15	5
CHMLL	1	0	0	0	0
CHRCC	0	18	0	4	0
CHRML	6	6	12	20	5
COELK	2	0	5	3	0
CYCKU	1	2	2	2	2
ELAKA	0	0	0	2	0
LYNGL	4	1	1	12	2
MELOS	26	12	19	24	45
OSCLS	0	1	0	0	0
SPHAE	0	4	1	5	1

OK8 C	0	10	20	40	60
APHMC	1	0	0	0	0
ASTRI	2	0	0	8	0
CHMLL	1	0	0	0	0
CHRML	1	4	2	7	2
COELK	0	0	0	3	0
ELAKA	0	0	2	2	0
FRAGC	0	8	0	0	0
LYNGL	0	1	0	0	1
MELOS	13	0	27	0	2
OSCLS	1	0	0	0	1
PERID	1	1	0	1	0
STEPH	0	0	0	2	0
TABEL	0	0	7	0	0

OK8 D	0	10	20	40	60
ASTRI	0	27	40	20	20
CHMLL	0	0	1	0	0
CHRML	1	3	15	12	9
COELK	0	1	0	0	0
CYCKU	0	1	0	0	0
ELAKA	2	0	4	2	0
FRAGC	8	0	63	0	30
LYNGL	2	3	0	2	1
MELOS	18	0	0	17	0
PERID	0	1	1	1	0
STEPH	0	2	2	1	0
TABEL	0	17	0	0	0

OK8 E	0	10	20	40	60
ANKLG	35	3	30	18	0
APHMC	3	3	0	5	0
APHNI	0	0	0	9	0
ASTRI	399	293	200	339	0
CHRML	444	433	643	530	3
CRUCQ	0	0	0	1	0
CYCKU	0	0	0	1	0
ELAKA	19	10	17	37	0
FRAGC	293	727	323	325	0
LYNGL	16	30	40	22	0
MALLO	1	0	10	6	0
MELOS	3	40	3	3	0
NAVIC	2	3	0	1	0
PERID	1	0	0	2	0
RHIZO	1	0	0	0	0
SPHAE	1	0	0	0	0
STEPH	2	0	3	4	0
SYNEM	1	3	3	2	0
TABEL	37	0	27	67	0
ULOTH	38	0	0	0	0

STATION OK11

		5/13	6/ 3	6/17	7/ 2	7/17	7/29	8/12	8/25	9/ 9	10/24	11/25	12/18	2/19	3/25	4/20
TOTAL	PHYTOPLANKTON															
0	NNNNN	53	282	144	157	254	232	241	257	126	17	28	46	72	634	
10	NNNNN	227	359	190	82	249	275	240	204	96	50	30	58	46	5692	
20	NNNNN	439	274	266	52	199	100	273	175	64	10	50	73	51	1270	
40	NNNNN	378	520	202	13	116	170	312	221	131	23	13	0	97	854	
60	NNNNN	214	767	192	81	193	200	115	194	66	5	0	0	85	0	
ALL	NNNNN	1311	2202	994	385	1011	977	1181	1051	483	105	121	177	351	8450	
TOTAL	BLUEGREENS															
0	NNNNN	6	54	39	136	215	202	216	211	42	3	2	0	0	37	
10	NNNNN	6	39	53	51	200	214	145	172	47	6	0	0	1	37	
20	NNNNN	11	12	108	23	153	52	184	161	31	0	25	3	0	103	
40	NNNNN	3	29	65	9	70	122	258	208	106	0	1	0	13	41	
60	NNNNN	4	34	72	45	119	157	77	184	32	0	0	0	1	0	
ALL	NNNNN	32	168	337	264	757	747	880	936	258	9	28	3	15	218	
TOTAL	GREENS															
0	NNNNN	0	0	0	0	0	5	0	3	2	0	0	4	2	46	
10	NNNNN	0	0	0	0	4	2	4	1	1	0	0	0	4	5022	
20	NNNNN	0	0	3	1	1	2	12	4	0	0	0	0	0	713	
40	NNNNN	0	0	3	2	0	4	9	3	0	0	0	0	2	55	
60	NNNNN	0	0	0	0	9	5	0	1	0	0	0	0	4	0	
ALL	NNNNN	0	0	6	3	14	18	25	12	3	0	0	4	12	5836	
TOTAL	DIATOMS															
0	NNNNN	44	211	48	16	23	24	15	13	79	14	25	28	59	313	
10	NNNNN	213	289	93	28	31	47	46	5	47	43	29	48	27	445	
20	NNNNN	418	250	81	15	19	41	55	4	30	10	22	42	40	214	
40	NNNNN	369	468	85	1	39	36	42	6	23	23	10	0	68	478	
60	NNNNN	197	709	110	20	43	31	34	6	33	5	0	0	72	0	
ALL	NNNNN	1241	1927	417	80	155	179	192	34	212	95	86	118	266	1450	
TOTAL	PHYTOFLAGELLATES															
0	NNNNN	3	17	54	5	16	1	10	30	3	0	1	14	11	237	
10	NNNNN	6	31	44	3	14	12	45	26	1	1	1	10	14	186	
20	NNNNN	10	12	74	13	26	5	22	6	3	0	3	28	11	240	
40	NNNNN	6	23	49	1	7	8	3	4	2	0	2	0	12	277	
60	NNNNN	13	24	10	16	22	7	4	3	1	0	0	0	8	0	
ALL	NNNNN	38	107	231	38	85	33	84	69	10	1	7	52	56	940	
TOTAL	DOMINANTS															
0	NNNNN	21	253	84	136	164	161	131	134	45	3	7	14	23	519	
10	NNNNN	184	306	139	35	176	135	56	60	9	11	24	15	30	537	
20	NNNNN	310	253	180	24	105	27	116	45	16	0	28	31	32	433	
40	NNNNN	309	442	146	4	57	76	167	76	48	0	3	0	51	551	
60	NNNNN	177	626	155	61	114	119	68	55	22	0	0	0	47	0	
ALL	NNNNN	1001	1880	704	260	616	518	538	370	140	14	62	60	183	2040	
ANACU																
0	NNNNN	0	21	2	1	0	0	0	2	0	0	0	0	0	0	
10	NNNNN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
20	NNNNN	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
40	NNNNN	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
60	NNNNN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALL	NNNNN	0	21	7	1	0	0	0	2	0	0	0	0	0	0	
APHNI																
0	NNNNN	0	0	25	125	145	158	113	101	7	0	0	0	0	0	
10	NNNNN	0	0	13	28	158	123	13	38	0	0	0	0	0	0	
20	NNNNN	0	0	45	15	90	16	65	20	7	0	25	0	0	0	
40	NNNNN	0	0	15	0	48	58	118	58	35	0	0	0	0	0	
60	NNNNN	0	0	10	40	91	113	23	33	10	0	0	0	0	0	
ALL	NNNNN	0	0	108	208	532	468	332	250	59	0	25	0	0	0	
ASTRI																
0	NNNNN	0	32	0	0	0	0	0	0	4	0	4	0	4	66	
10	NNNNN	16	56	8	0	0	0	0	0	8	8	0	0	8	133	
20	NNNNN	16	48	8	0	0	0	0	0	2	0	0	4	12	50	
40	NNNNN	0	64	0	0	0	0	0	0	0	0	0	0	28	84	
60	NNNNN	16	56	8	0	0	0	0	0	6	0	0	0	32	0	
ALL	NNNNN	48	256	24	0	0	0	0	0	20	8	4	4	84	333	
CHRML																
0	NNNNN	3	0	12	4	4	1	2	2	3	0	1	14	9	235	
10	NNNNN	4	2	11	2	6	3	4	4	1	1	1	10	13	185	
20	NNNNN	9	1	15	4	9	0	4	3	3	0	3	25	10	240	
40	NNNNN	6	4	11	1	5	3	2	4	2	0	2	0	10	271	
60	NNNNN	13	5	3	14	17	3	3	3	1	0	0	0	6	0	
ALL	NNNNN	35	12	52	25	41	10	15	16	10	1	7	49	48	931	
FRAGC																
0	NNNNN	12	168	36	2	0	0	0	8	23	0	0	0	10	183	
10	NNNNN	156	216	72	0	0	5	14	0	0	0	23	5	8	194	
20	NNNNN	276	192	60	1	4	10	23	0	0	0	0	0	10	93	
40	NNNNN	300	348	72	1	0	0	4	0	0	0	0	0	10	166	
60	NNNNN	144	540	72	2	0	0	8	0	0	0	0	0	8	0	
ALL	NNNNN	888	1464	312	6	4	15	49	8	23	0	23	5	46	636	
LYNGL																
0	NNNNN	6	32	9	4	15	2	16	21	8	3	2	0	0	35	
10	NNNNN	8	32	34	5	12	4	25	18	0	2	0	0	1	25	
20	NNNNN	9	12	50	4	2	1	24	22	4	0	0	2	0	50	
40	NNNNN	3	26	46	2	4	15	43	14	11	0	1	0	3	30	
60	NNNNN	4	25	62	5	6	3	34	19	5	0	0	0	1	0	
ALL	NNNNN	30	127	201	20	39	25	142	94	28	5	3	2	5	140	

	OK10Q					OK11Q					OK12Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ASTRI	0	32	16	0	16	0	16	16	0	16	0	24	8	0	0
CHRML	8	7	17	27	8	3	4	9	6	13	0	4	11	5	5
DICTB	0	0	0	2	0	0	0	2	0	0	0	0	2	0	0
DINOB	1	8	0	0	5	0	1	0	0	0	5	2	0	0	0
FRAGC	24	132	276	336	180	12	156	276	300	144	72	336	144	184	156
LYNGL	5	18	10	14	1	6	6	9	3	4	3	4	9	5	3
MELOS	10	30	30	0	30	0	20	50	30	20	10	30	30	40	0
RHIZO	7	28	37	29	12	14	15	37	12	0	6	27	9	11	5
STEPH	0	0	0	0	1	0	0	2	1	2	1	0	0	0	9
SYNEM	18	6	12	6	6	18	6	12	6	0	36	12	12	6	6
TABEL	0	0	44	14	13	0	0	25	20	15	0	0	0	24	18
UNKCH	0	0	3	2	1	0	1	1	0	0	0	0	2	0	0

	OK10R					OK11R					OK12R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	67	5	3	0	0	21	0	0	0	0	0	0	0	0	0
ANAST	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
ASTRI	64	24	32	72	88	32	56	48	64	56	24	24	32	80	64
CHMLL	0	0	0	0	1	0	1	1	1	1	0	0	0	0	1
CHRML	1	2	1	2	5	0	2	1	4	5	0	0	0	2	5
DICTB	2	1	0	7	0	1	2	0	1	7	0	1	2	2	6
DINOB	8	23	15	10	24	17	28	10	18	18	18	19	8	20	25
FRAGC	168	180	348	396	540	168	216	192	348	540	168	276	252	360	540
LYNGL	20	25	39	33	29	32	32	12	26	25	40	16	20	34	34
OSCLS	0	1	6	4	1	0	5	0	2	2	0	0	0	4	6
RHIZO	0	3	5	21	38	5	5	1	18	74	1	3	2	23	30
STEPH	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0
TABEL	2	30	0	26	50	6	11	8	36	38	4	4	0	40	37

	OK10S					OK11S					OK12S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	3	2	20	3	0	2	1	2	2	0	4	1	5	0	0
ANAST	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
APHMC	0	8	0	0	0	2	0	5	0	0	0	0	0	0	0
APHNI	0	45	5	0	25	25	13	45	15	10	20	0	30	15	25
ASTRI	8	0	0	0	0	0	8	8	0	8	6	0	0	0	0
CHMLL	5	7	7	8	2	3	4	6	8	1	4	3	4	9	3
CHRML	10	8	11	10	6	12	11	15	11	5	6	3	9	7	6
CRUCQ	0	0	0	1	0	3	0	0	0	0	1	0	2	0	0
DICTB	1	0	3	2	2	1	5	3	2	0	1	0	2	2	3
DINOB	29	17	25	10	2	13	12	20	2	0	11	13	16	2	3
FRAGC	36	96	60	84	156	36	72	60	72	72	180	36	24	84	120
GONMS	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0
LYNGL	30	25	58	35	78	9	34	50	46	62	30	29	54	48	101
MELOS	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0
OSCLS	0	0	0	0	2	0	0	0	0	0	0	0	0	2	1
PERID	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0
RHIZO	2	1	0	8	24	0	2	1	1	13	0	0	0	0	0
SPHAE	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0
STEPH	1	1	0	1	1	0	1	2	1	1	0	0	0	0	1
SYNEM	0	1	0	1	3	2	0	0	1	6	0	0	0	2	1
TABEL	4	4	4	45	29	0	0	0	0	0	26	6	22	7	40
UNKCH	32	19	16	13	14	26	17	31	27	5	16	9	11	12	3

	OK10T					OK11T					OK12T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	2	5	1	0	0	0	5	0	0	0	1	0	2	0	0
ANACU	3	0	0	0	1	1	0	0	0	0	1	0	0	0	0
ANAST	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0
APHMC	2	5	0	0	10	5	8	4	7	0	5	0	0	0	0
APHNI	75	8	28	33	0	125	28	15	0	40	50	30	48	25	0
CHLMY	1	0	0	0	0	0	0	0	0	0	2	1	1	0	0
CHMLL	0	2	2	1	0	1	1	1	0	2	1	1	5	4	0
CHRML	3	8	5	0	3	4	2	4	1	14	4	5	8	5	1
COELK	0	0	3	0	0	1	5	0	0	0	0	0	3	0	0
DINOB	0	2	10	0	0	0	0	8	0	0	0	0	0	5	0
FRAGC	0	2	0	0	0	2	0	1	1	2	1	0	0	0	0
GNMSP	0	1	0	0	2	0	0	0	0	0	0	1	0	0	0
GONMS	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
LYNGL	5	10	3	0	1	4	5	4	2	5	1	3	3	5	2
MELOS	0	20	20	0	0	10	10	10	0	0	10	10	10	20	10
OOCYS	0	0	6	0	0	0	0	0	2	0	0	0	0	0	0
OSCLS	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0
STEPH	1	1	1	0	2	0	0	3	0	0	1	2	0	1	1
TABEL	12	8	10	1	44	4	18	1	0	18	2	0	8	12	16
TETSP	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1
UNKCH	1	0	3	0	0	0	0	0	0	0	1	0	1	0	1

	OK10U					OK11U					OK12U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	1	3	3	10	0	1	0	4	1	8	0	4	60	4	0
ANAST	1	5	0	4	0	5	6	0	3	0	2	0	0	3	2
APHMC	23	41	15	6	0	33	11	5	5	11	8	24	12	15	3
APHNI	143	165	100	125	68	145	156	90	48	91	123	133	163	160	30
CHLMY	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
CHMLL	2	6	5	3	0	3	3	3	0	2	2	2	3	0	1
CHRCC	0	2	0	0	0	12	0	0	0	0	4	12	0	0	0
CHRML	4	6	8	4	12	4	6	9	5	17	2	3	10	6	5
COELK	18	10	44	14	0	4	12	52	9	2	3	17	6	17	19
CRUCI	2	1	0	0	0	0	0	0	0	0	1	0	0	2	2
DINOB	0	3	0	0	0	8	5	13	2	0	0	5	1	2	0
ELAKA	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
FRAGC	4	0	0	13	0	0	0	4	0	0	0	0	0	4	0
LYNGL	4	10	5	8	10	15	12	2	4	6	6	8	12	19	5
MELOS	20	30	20	30	10	20	30	10	30	10	20	20	10	30	10
OOCYS	0	0	4	0	0	0	0	0	0	8	0	2	4	0	4
OSCLS	0	4	0	0	0	0	1	0	0	1	0	0	0	0	0
PERDP	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PERID	0	0	1	0	0	0	0	1	0	1	1	1	1	3	0
SPHAE	0	1	1	0	0	0	1	0	0	1	0	1	0	0	2
STEPH	1	1	2	1	1	1	1	4	3	1	2	2	2	1	2
TABEL	0	4	0	11	39	2	0	1	6	32	0	0	0	10	20
UNKCH	2	2	3	0	1	1	0	0	0	2	4	0	4	0	0

	OK10V					OK11V					OK12V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0
ANAST	4	0	8	7	1	1	1	5	4	2	0	6	5	5	5
APHMC	15	23	14	21	24	14	44	23	30	10	8	44	30	39	42
APHNI	156	15	39	56	126	158	123	16	56	113	141	55	33	71	173
CHLMY	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
CHMLL	0	1	0	1	1	0	0	1	2	3	1	2	1	1	1
CHRCC	0	0	0	16	6	4	12	0	0	0	8	8	5	4	0
CHRML	1	0	3	3	6	1	3	0	3	3	1	4	3	2	2
COELK	22	23	8	18	32	17	30	7	15	29	8	12	12	17	23
CYCKU	0	0	1	2	2	0	0	1	2	1	2	0	1	1	2
DINOB	7	7	2	0	0	0	5	3	3	0	3	5	5	0	0
ELAKA	0	0	0	0	0	4	0	0	4	4	0	4	4	0	0
FRAGC	0	0	0	0	9	0	5	10	0	0	0	0	0	0	0
LYNGL	2	5	4	0	9	2	4	1	15	3	5	8	16	4	7
MELOS	20	40	40	30	20	20	40	30	30	20	20	20	40	30	20
OOCYS	0	0	2	0	0	0	0	2	0	0	0	0	0	0	8
OSCLS	0	0	0	0	1	6	0	0	0	0	0	2	2	0	1
PERDP	1	0	1	0	0	0	1	0	0	0	0	1	0	1	0
PERID	1	0	2	0	2	0	3	1	0	1	0	1	0	1	0
SPHAE	0	1	1	0	0	1	1	0	0	1	0	3	2	2	2
STEPH	0	0	1	0	1	0	2	0	0	2	1	2	1	0	1
TABEL	0	3	7	0	15	4	0	0	4	6	2	7	4	9	23

OK10W	0	10	20	40	60
ANACR	0	0	15	0	0
ANAST	6	12	11	13	0
APHMC	56	55	78	98	6
APHNI	78	50	68	128	43
CHMLL	1	0	1	1	0
CHRCC	6	0	20	0	0
CHRML	0	2	3	7	2
COELK	5	0	10	7	1
CRUCI	0	2	0	0	0
CYCKU	1	1	3	4	0
DCTYL	0	0	0	8	0
DINOB	7	15	4	11	0
ELAKA	0	0	0	0	0
FRAGC	0	4	0	0	0
LYNGL	6	13	22	33	25
MELOS	10	30	30	0	20
OOCYS	0	8	2	2	0
OSCIL	0	0	0	1	2
OSCLS	0	0	5	4	0
PERDP	0	0	1	2	0
PERID	1	1	0	1	0
SPHAE	3	0	1	1	1
STEPH	0	0	1	0	0
TABEL	0	1	1	3	34

OK11W	0	10	20	40	60
ANACR	28	5	4	0	2
ANAST	4	11	8	7	1
APHMC	55	65	56	70	12
APHNI	113	13	65	118	23
CHMLL	2	1	0	0	0
CHRCC	0	16	16	0	0
CHRML	2	4	4	2	3
COELK	0	8	5	17	0
CRUCI	0	0	0	1	0
CYCKU	0	1	1	4	1
DCTYL	0	0	0	0	0
DINOB	6	36	16	0	0
ELAKA	0	4	4	4	0
FRAGC	0	14	23	4	8
LYNGL	16	25	24	43	34
MELOS	10	30	30	30	10
OOCYS	0	0	8	4	0
OSCIL	0	0	0	1	0
OSCLS	0	2	6	2	5
PERDP	0	1	1	0	0
PERID	0	3	1	1	1
SPHAE	0	0	0	0	0
STEPH	0	1	1	1	1
TABEL	5	0	0	3	14

OK12W	0	10	20	40	60
ANACR	0	10	0	0	0
ANAST	5	7	3	8	2
APHMC	77	79	74	82	6
APHNI	120	53	43	123	63
CHMLL	1	0	1	0	0
CHRCC	8	0	0	0	0
CHRML	2	1	6	3	1
COELK	12	18	9	3	12
CRUCI	0	0	0	0	0
CYCKU	1	1	2	4	3
DCTYL	0	0	0	0	4
DINOB	11	5	8	0	0
ELAKA	0	4	0	0	0
FRAGC	0	0	0	0	0
LYNGL	8	18	21	21	29
MELOS	20	0	30	40	40
OOCYS	2	2	4	0	0
OSCIL	0	2	0	1	1
OSCLS	0	0	2	0	3
PERDP	1	0	0	0	0
PERID	0	1	0	0	0
SPHAE	2	0	1	2	2
STEPH	0	0	2	0	0
TABEL	5	0	0	11	24

OK10X	0	10	20	40	60
ANACR	0	12	0	0	0
ANACU	8	0	0	0	0
ANAST	5	1	5	2	6
APHMC	72	66	66	102	103
APHNI	30	8	20	48	36
CHRCC	4	0	0	4	0
CHRML	2	2	2	5	3
COELK	0	3	8	4	0
CYCKU	1	0	1	2	3
DCTYL	7	0	0	0	0
DINOB	0	2	0	0	0
FRAGC	0	0	5	5	0
LYNGL	29	12	26	36	15
MELOS	1	2	1	5	3
OOCYS	0	0	4	0	0
OSCLS	0	7	2	2	1
PERDP	0	0	1	0	0
PERID	0	0	1	0	0
SPHAE	0	2	1	1	1
STEPH	0	0	1	1	0
TABEL	0	1	2	0	0

OK11X	0	10	20	40	60
ANACR	4	0	0	0	0
ANACU	2	0	0	0	0
ANAST	2	2	0	1	5
APHMC	76	92	91	121	111
APHNI	101	38	20	58	33
CHRCC	0	12	12	8	4
CHRML	2	4	3	4	3
COELK	0	4	3	3	0
CYCKU	2	1	1	2	3
DCTYL	4	2	9	0	7
DINOB	27	22	3	0	0
FRAGC	3	0	0	0	0
LYNGL	21	18	22	14	19
MELOS	3	2	2	3	2
OOCYS	2	0	4	2	0
OSCLS	1	4	4	3	5
PERDP	1	0	0	0	0
PERID	0	0	0	0	0
SPHAE	1	1	0	1	1
STEPH	0	1	1	1	1
TABEL	0	1	0	0	0

OK12X	0	10	20	40	60
ANACR	1	0	3	0	0
ANACU	0	0	0	0	0
ANAST	3	3	3	3	3
APHMC	57	85	46	51	46
APHNI	45	55	25	25	33
CHRCC	0	0	0	0	0
CHRML	1	3	2	2	4
COELK	0	4	2	0	5
CYCKU	0	1	1	2	4
DCTYL	11	0	6	0	0
DINOB	0	2	8	7	0
FRAGC	0	0	0	0	0
LYNGL	18	40	13	31	15
MELOS	1	2	1	4	3
OOCYS	0	0	0	2	0
OSCLS	1	10	5	0	3
PERDP	0	0	0	0	0
PERID	0	0	0	0	0
SPHAE	0	0	1	0	1
STEPH	0	1	1	1	0
TABEL	0	2	0	0	0

OK11Y	0	10	20	40	60
ANACR	0	1	0	2	2
APHMC	21	46	14	41	13
APHNI	7	0	7	35	10
ASTRI	4	8	2	0	6
CHRCC	6	0	6	14	2
CHRML	3	1	3	2	1
COELK	0	0	0	3	0
CYCKU	4	1	1	1	1
FRAGC	23	0	0	0	0
GOMNS	1	0	0	0	0
LYNGL	8	0	4	11	5
MELOS	46	57	27	22	25
SPHAE	1	1	0	0	0
SYNEM	0	0	0	0	1
TABEL	0	1	0	0	0

OK112	0	10	20	40	60
APHMC	0	4	0	0	0
ASTRI	0	8	0	0	0
CHRML	0	1	0	0	0
CYCKU	1	1	0	0	0
LYNGL	3	2	0	0	0
MELOS	13	34	10	23	5

OK11A	0	10	20	40	60
APHNI	0	0	25	0	0
ASTRI	4	0	0	0	0
CHRML	1	1	3	2	0
CYCKU	1	1	2	1	0
FRAGC	0	23	0	0	0
LYNGL	2	0	0	1	0
MELOS	20	5	20	9	0

OK11C	0	10	20	40	60
ASTRI	0	0	4	0	0
CHMLL	0	0	1	0	0
CHRML	14	10	25	0	0
CYCKU	1	0	0	0	0
ELAKA	4	0	0	0	0
FRAGC	0	5	0	0	0
LYNGL	0	0	2	0	0
MELOS	26	43	37	0	0
OSCLS	0	0	1	0	0
PERID	0	0	2	0	0
STEPH	0	0	1	0	0
SYNEM	1	0	0	0	0

OK11D	0	10	20	40	60
APHMC	0	0	0	1	0
ASTRI	4	8	12	28	32
CHMLL	0	0	0	0	1
CHRML	9	13	10	10	6
COELK	0	0	0	9	0
CRUCQ	0	0	0	2	0
CYCKU	1	0	0	0	0
ELAKA	2	4	0	2	4
FRAGC	10	8	10	10	8
FRAGL	23	0	0	0	0
LYNGL	0	1	0	3	1
MELOS	19	1	18	29	32
PERID	2	1	1	2	1
STEPH	0	2	0	1	0
SYNEM	2	0	0	0	0
TABEL	0	8	0	0	0

OK11E	0	10	20	40	60
ANKLG	0	5000	700	10	0
APHMC	2	10	53	9	0
ASTRI	66	133	50	84	0
CHRML	235	185	240	271	0
COELK	0	0	0	2	0
CRUCQ	1	2	0	3	0
CYCKU	1	0	0	1	0
ELAKA	38	21	13	19	0
FRAGC	163	194	93	166	0
FRAGL	0	0	17	124	0
LYNGL	35	25	50	30	0
MALLO	2	1	0	6	0
MELOS	26	54	27	38	0
NAVIC	0	2	0	2	0
RHIZO	2	0	0	4	0
SPHAE	5	1	0	0	0
STEPH	1	3	0	0	0
SYNCH	0	2	0	0	0
SYNEM	9	11	10	11	0
TABEL	25	48	17	48	0
ULOTH	3	0	0	26	0

SKAHA LAKE — TEMPERATURE DEGREES CENTIGRADE

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	12.2	13.7	20.0	19.7	21.0	21.0	22.0	21.0	16.5	N	N	N	N	N	N
10	9.0	13.8	19.0	19.7	21.0	20.0	21.0	20.0	16.8	N	N	N	N	N	N
20	8.8	13.0	12.5	17.6	20.5	19.5	21.0	19.8	16.8	N	N	N	N	N	N
40	7.5	8.5	8.0	7.5	8.5	11.0	12.0	11.0	16.0	N	N	N	N	N	N
60	6.2	7.0	7.0	6.2	6.5	7.0	7.2	7.2	8.5	N	N	N	N	N	N

TOTAL = 629.92 AVERAGE = 13.99
MINIMUM = 6.20 ON DATE 5/9 AT DEPTH 60
MAXIMUM = 22.00 ON DATE 8/4 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	11.9	14.0	20.0	19.8	21.0	21.0	22.0	21.0	16.5	10.2	6.7	3.8	1.3	2.8	8.6
10	8.4	14.0	19.0	19.7	20.5	20.0	21.1	20.0	16.7	10.3	7.0	3.8	1.2	2.3	7.0
20	7.2	13.2	13.0	16.2	20.0	19.8	20.2	20.0	16.8	10.3	7.0	4.0	1.0	2.3	6.3
40	6.3	8.5	8.5	8.4	9.5	10.0	14.0	10.5	16.9	10.3	7.0	4.2	1.0	2.3	5.8
60	5.7	7.0	7.0	6.9	7.0	7.0	8.0	7.5	9.0	9.3	7.0	4.2	1.0	2.0	5.0

TOTAL = 786.07 AVERAGE = 10.48
MINIMUM = 1.00 ON DATE 2/17 AT DEPTH 20
MAXIMUM = 22.00 ON DATE 8/4 AT DEPTH 00

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	11.3	13.5	20.0	20.0	21.0	21.0	21.0	21.0	16.9	N	N	N	N	N	N
10	9.0	13.7	19.0	20.0	21.0	20.0	21.0	20.0	16.9	N	N	N	N	N	N
20	8.2	13.5	12.0	15.3	20.0	19.0	20.2	20.0	16.9	N	N	N	N	N	N
40	7.0	9.5	8.5	8.9	9.5	8.9	13.0	14.2	16.6	N	N	N	N	N	N
60	5.6	7.5	7.0	6.0	8.0	7.0	7.8	8.2	8.5	N	N	N	N	N	N

TOTAL = 633.32 AVERAGE = 14.07
MINIMUM = 5.60 ON DATE 5/9 AT DEPTH 60
MAXIMUM = 21.00 ON DATE 7/10 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	15.0	12.7	19.2	20.0	22.0	22.0	23.0	21.0	18.0	N	N	N	N	N	N
10	10.0	12.8	16.1	20.0	21.0	21.5	22.0	20.2	17.8	N	N	N	N	N	N
20	8.8	12.0	14.1	20.0	20.0	21.2	21.5	20.0	17.5	N	N	N	N	N	N
40	6.5	7.5	9.7	8.0	10.0	11.0	13.0	11.5	11.0	N	N	N	N	N	N
60	5.6	6.2	7.6	6.0	7.0	7.0	6.8	8.2	8.0	N	N	N	N	N	N

TOTAL = 640.22 AVERAGE = 14.22
MINIMUM = 5.60 ON DATE 5/10 AT DEPTH 60
MAXIMUM = 23.00 ON DATE 8/4 AT DEPTH 00

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	10.0	12.5	19.5	20.0	23.0	22.0	22.5	20.0	18.0	10.0	6.8	3.8	1.3	2.8	7.8
10	9.7	12.7	17.0	20.0	22.0	21.2	22.0	20.0	17.5	10.3	7.0	3.8	1.3	3.0	6.6
20	5.0	11.8	14.1	20.0	21.0	21.0	21.5	20.0	17.2	10.3	7.0	3.8	1.2	2.8	6.2
40	3.0	7.9	9.8	8.0	16.0	12.5	11.0	11.2	11.0	10.3	7.0	4.0	1.2	2.8	6.0
60	3.0	6.3	7.7	6.0	11.0	7.0	7.0	7.0	7.5	10.1	7.0	3.9	1.2	2.8	5.2

TOTAL = 791.77 AVERAGE = 10.55
MINIMUM = 1.20 ON DATE 2/17 AT DEPTH 20
MAXIMUM = 23.00 ON DATE 7/10 AT DEPTH 00

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	12.5	12.5	20.0	20.0	22.0	22.0	23.0	20.0	17.5	N	N	N	N	N	N
10	11.0	11.8	16.5	20.0	22.0	21.0	22.0	20.0	17.5	N	N	N	N	N	N
20	9.0	11.2	14.1	20.0	19.0	21.0	22.0	20.0	17.2	N	N	N	N	N	N
40	6.6	8.0	11.0	7.5	15.0	10.5	10.5	9.8	10.8	N	N	N	N	N	N
60	5.8	6.3	7.8	6.5	9.5	7.0	7.0	7.2	7.5	N	N	N	N	N	N

TOTAL = 639.32 AVERAGE = 14.20
MINIMUM = 5.80 ON DATE 5/10 AT DEPTH 60
MAXIMUM = 23.00 ON DATE 8/4 AT DEPTH 00

SKAHA LAKE — DISSOLVED OXYGEN MG PER L
(AT 20 DEGREES C SATURATION EQUAL 9 MG PER L
AT 10 DEGREES C SATURATION EQUAL 10.9 MG PER L)
SKAHA LAKE READINGS FOR 6/12, 6/24, 7/10
TAKEN AT 50 FT LEVEL

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	11.4	10.0	8.4	9.4	8.3	8.7	8.0	8.2	8.8	N	N	N	N	N	N
10	12.5	10.0	8.4	9.3	8.2	10.0	8.7	8.2	8.5	N	N	N	N	N	N
20	12.0	10.0	9.0	9.4	8.1	10.6	9.2	8.4	8.4	N	N	N	N	N	N
40	10.8	10.5	8.8	9.8	8.3	8.7	7.6	6.9	7.2	N	N	N	N	N	N
60	11.4	10.3	8.6	9.8	8.3	7.6	8.4	8.0	6.6	N	N	N	N	N	N

TOTAL = 407.92 AVERAGE = 9.06
MINIMUM = 6.60 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 12.50 ON DATE 5/9 AT DEPTH 10

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.8	10.4	8.5	9.4	8.9	8.8	9.4	8.4	9.0	10.4	9.9	10.9	11.6	12.7	10.9
10	11.7	10.4	8.4	9.3	8.9	9.2	9.0	8.6	8.6	9.9	9.8	10.9	12.6	13.1	11.7
20	11.7	10.2	8.7	9.2	8.8	9.4	9.0	8.8	8.5	9.9	9.7	10.8	13.1	12.8	12.2
40	10.6	11.2	7.0	9.4	8.9	8.8	8.0	7.6	8.5	9.9	9.4	10.7	13.7	12.4	11.1
60	10.4	11.4	6.9	9.4	8.8	9.5	9.0	8.2	6.8	7.4	9.4	10.5	13.9	12.6	9.5

TOTAL = 745.17 AVERAGE = 9.93
MINIMUM = 6.80 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 13.90 ON DATE 2/17 AT DEPTH 60

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	12.0	10.0	8.8	9.6	8.6	8.4	8.8	8.8	8.8	N	N	N	N	N	N
10	12.4	10.1	9.0	9.4	8.6	8.8	9.4	8.9	8.4	N	N	N	N	N	N
20	12.2	10.0	9.5	10.0	8.6	8.9	9.4	9.0	8.2	N	N	N	N	N	N
40	11.6	10.4	8.9	10.0	8.7	8.3	8.2	7.8	7.8	N	N	N	N	N	N
60	11.0	10.9	8.3	10.0	8.7	8.9	8.2	8.2	5.0	N	N	N	N	N	N

TOTAL = 415.72 AVERAGE = 9.23
MINIMUM = 5.00 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 12.40 ON DATE 5/9 AT DEPTH 10

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	12.2	10.3	10.0	8.3	8.3	8.6	8.2	8.4	9.0	N	N	N	N	N	N
10	13.0	10.3	10.0	8.2	8.5	9.0	8.4	8.6	9.0	N	N	N	N	N	N
20	13.0	10.4	10.0	8.3	8.4	9.0	8.6	8.6	8.8	N	N	N	N	N	N
40	11.8	11.0	8.8	9.0	8.4	8.0	7.0	7.0	6.0	N	N	N	N	N	N
60	11.6	11.0	8.6	9.1	8.5	8.0	7.0	7.0	6.2	N	N	N	N	N	N

TOTAL = 407.62 AVERAGE = 9.05
MINIMUM = 6.00 ON DATE 9/4 AT DEPTH 40
MAXIMUM = 13.00 ON DATE 5/10 AT DEPTH 10

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	12.5	10.7	8.8	8.6	8.2	9.0	8.1	9.0	9.3	9.8	9.1	11.3	11.7	14.0	9.8
10	13.3	10.7	8.6	8.4	8.0	9.4	9.4	9.0	9.1	9.3	8.8	10.3	13.6	13.8	10.7
20	13.8	10.8	8.7	8.4	8.0	9.5	9.2	8.7	9.0	9.4	8.7	10.1	15.4	13.8	11.6
40	12.1	11.1	8.0	9.2	8.3	8.7	8.0	7.2	6.4	9.6	8.7	9.3	14.6	13.4	10.5
60	12.1	11.3	7.6	9.9	8.2	8.8	7.9	7.3	6.2	9.3	8.4	9.1	13.8	13.4	9.8

TOTAL = 74[illegible].97 AVERAGE = 9.94
MINIMUM = 6.20 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 15.40 ON DATE 2/17 AT DEPTH 20

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	13.1	10.3	9.0	9.0	8.7	9.6	8.0	8.8	9.0	N	N	N	N	N	N
10	13.6	10.5	9.1	8.9	8.6	9.7	9.0	9.2	8.6	N	N	N	N	N	N
20	13.8	10.6	9.3	9.0	8.5	9.8	8.6	9.1	8.4	N	N	N	N	N	N
40	12.3	10.9	8.8	9.7	8.8	9.0	7.4	7.0	5.9	N	N	N	N	N	N
60	12.1	11.0	8.4	10.0	8.7	9.1	7.5	7.2	6.0	N	N	N	N	N	N

TOTAL = 419.82 AVERAGE = 9.32
MINIMUM = 5.90 ON DATE 9/4 AT DEPTH 40
MAXIMUM = 13.80 ON DATE 5/10 AT DEPTH 20

SKAHA LAKE ELECTRICAL CONDUCTIVITY MICROMHOS

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	120.	110.	120.	110.	125.	130.	160.	115.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	120.	90.	130.	100.	125.	130.	150.	120.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	120.	110.	120.	120.	120.	130.	140.	120.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	120.	110.	110.	100.	100.	120.	130.	110.	125.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	110.	110.	100.	90.	95.	110.	140.	100.	115.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5320.22 AVERAGE = 118.22
MINIMUM = 90.00 ON DATE 5/23 AT DEPTH 10
MAXIMUM = 160.00 ON DATE 8/4 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	100.	90.	130.	120.	125.	130.	140.	120.	140.	204.	175.	164.	150.	NNNN	238.
10	100.	100.	130.	120.	120.	130.	140.	125.	140.	194.	175.	162.	150.	NNNN	240.
20	110.	110.	120.	120.	120.	130.	140.	130.	140.	191.	173.	162.	150.	NNNN	235.
40	110.	110.	110.	100.	110.	120.	150.	105.	140.	190.	174.	162.	146.	NNNN	227.
60	110.	110.	110.	100.	100.	110.	150.	100.	115.	188.	174.	161.	150.	NNNN	220.

TOTAL = 9935.33 AVERAGE = 141.93
MINIMUM = 90.00 ON DATE 5/23 AT DEPTH 00
MAXIMUM = 240.00 ON DATE 4/20 AT DEPTH 10

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	130.	120.	135.	120.	120.	135.	170.	130.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	130.	120.	135.	120.	120.	130.	140.	130.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	130.	90.	120.	120.	120.	140.	140.	130.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	130.	120.	110.	100.	105.	120.	135.	120.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	120.	110.	110.	100.	100.	110.	140.	105.	110.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5500.22 AVERAGE = 122.22
MINIMUM = 90.00 ON DATE 5/23 AT DEPTH 20
MAXIMUM = 170.00 ON DATE 8/4 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	140.	100.	120.	120.	120.	140.	135.	120.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	140.	110.	110.	120.	130.	150.	140.	115.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	130.	100.	110.	115.	130.	150.	140.	120.	130.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	120.	100.	110.	95.	110.	130.	130.	110.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	120.	90.	100.	80.	100.	120.	110.	100.	110.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5350.22 AVERAGE = 118.89
MINIMUM = 80.00 ON DATE 6/25 AT DEPTH 60
MAXIMUM = 150.00 ON DATE 7/23 AT DEPTH 10

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	110.	120.	130.	120.	120.	150.	130.	125.	125.	187.	173.	164.	151.	NNNN	233.
10	120.	120.	125.	120.	120.	150.	130.	130.	125.	187.	173.	161.	152.	NNNN	236.
20	110.	110.	120.	120.	120.	150.	130.	130.	125.	185.	174.	161.	151.	NNNN	228.
40	110.	110.	110.	105.	100.	140.	120.	115.	120.	184.	174.	162.	152.	NNNN	227.
60	110.	110.	105.	100.	90.	120.	110.	105.	110.	184.	175.	161.	152.	NNNN	227.

TOTAL = 9889.33 AVERAGE = 141.27
MINIMUM = 90.00 ON DATE 7/10 AT DEPTH 60
MAXIMUM = 236.00 ON DATE 4/20 AT DEPTH 10

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	130.	120.	130.	120.	120.	150.	130.	130.	125.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	130.	110.	130.	120.	120.	140.	120.	130.	125.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	120.	110.	120.	120.	120.	140.	120.	130.	125.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	120.	110.	110.	105.	110.	130.	110.	120.	120.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	120.	110.	100.	100.	95.	120.	105.	105.	110.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5385.22 AVERAGE = 119.67
MINIMUM = 95.00 ON DATE 7/10 AT DEPTH 60
MAXIMUM = 150.00 ON DATE 7/23 AT DEPTH 00

SKAHA LAKE TOTAL RESIDUE MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	148.	116.	100.	111.	119.	99.	102.	135.	163.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	142.	135.	99.	131.	107.	125.	124.	120.	163.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	155.	136.	105.	130.	NNNN	117.	145.	128.	160.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	130.	127.	124.	162.	104.	128.	150.	123.	147.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	155.	120.	105.	160.	142.	136.	126.	124.	143.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5721.21 AVERAGE = 130.02
MINIMUM = 99.00 ON DATE 7/23 AT DEPTH 00
MAXIMUM = 163.00 ON DATE 9/4 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	142.	123.	102.	139.	109.	144.	103.	123.	149.	120.	134.	157.	142.	144.	152.
10	151.	134.	116.	139.	116.	119.	119.	137.	132.	135.	135.	163.	142.	162.	152.
20	150.	122.	125.	123.	108.	125.	133.	135.	143.	141.	157.	157.	141.	158.	153.
40	155.	135.	114.	132.	94.	122.	125.	120.	148.	123.	139.	140.	146.	139.	159.
60	154.	121.	119.	149.	124.	125.	122.	125.	143.	119.	140.	182.	152.	143.	155.

TOTAL = 10170.35 AVERAGE = 135.60
MINIMUM = 94.00 ON DATE 7/10 AT DEPTH 40
MAXIMUM = 182.00 ON DATE 12/17 AT DEPTH 60

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	125.	123.	112.	80.	86.	111.	125.	126.	152.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	146.	117.	108.	105.	100.	119.	121.	135.	152.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	146.	171.	112.	101.	110.	127.	116.	111.	151.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	150.	142.	121.	112.	102.	113.	119.	130.	156.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	158.	137.	120.	99.	126.	147.	130.	122.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5472.21 AVERAGE = 124.36
MINIMUM = 80.00 ON DATE 6/24 AT DEPTH 00
MAXIMUM = 171.00 ON DATE 5/23 AT DEPTH 20

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	162.	114.	120.	95.	122.	118.	124.	115.	163.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	156.	124.	123.	98.	132.	123.	132.	144.	159.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	155.	135.	121.	104.	129.	124.	124.	116.	160.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	154.	135.	105.	104.	124.	130.	130.	137.	150.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	147.	146.	124.	115.	127.	132.	126.	129.	138.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5845.22 AVERAGE = 129.89
MINIMUM = 95.00 ON DATE 6/25 AT DEPTH 00
MAXIMUM = 163.00 ON DATE 9/4 AT DEPTH 00

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	117.	112.	97.	90.	144.	110.	140.	103.	147.	132.	156.	163.	146.	170.	151.
10	118.	117.	113.	107.	172.	117.	133.	150.	156.	139.	157.	158.	143.	145.	151.
20	115.	115.	102.	105.	171.	113.	130.	122.	145.	133.	152.	150.	149.	147.	148.
40	130.	139.	132.	102.	155.	119.	134.	122.	137.	141.	160.	154.	140.	139.	158.
60	122.	124.	144.	107.	133.	128.	140.	113.	137.	130.	163.	152.	139.	136.	146.

TOTAL = 10127.35 AVERAGE = 135.03
MINIMUM = 90.00 ON DATE 6/25 AT DEPTH 00
MAXIMUM = 172.00 ON DATE 7/10 AT DEPTH 10

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	132.	117.	116.	102.	119.	119.	134.	127.	151.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
10	124.	119.	116.	107.	125.	116.	141.	144.	159.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
20	122.	123.	120.	106.	108.	133.	134.	133.	118.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
40	120.	113.	124.	126.	129.	138.	151.	130.	134.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN
60	115.	123.	122.	145.	127.	125.	144.	120.	141.	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN

TOTAL = 5692.22 AVERAGE = 126.49
MINIMUM = 102.00 ON DATE 6/25 AT DEPTH 00
MAXIMUM = 159.00 ON DATE 9/4 AT DEPTH 10

SKAHA LAKE VOLATILE SOLIDS MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	70.0	51.0	62.0	50.0	30.0	31.0	36.0	45.0	51.0						
10	57.0	44.0	47.0	42.0	26.0	31.0	42.0	32.0	44.0						
20	104.0	62.0	55.0	66.0		28.0	56.0	36.0	49.0						
40	107.0	44.0	51.0	71.0	30.0	24.0	44.0	37.0	40.0						
60	79.0	49.0	29.0	56.0	28.0	32.0	43.0	41.0	40.0						

TOTAL = 2092.21 AVERAGE = 47.55
MINIMUM = 24.00 ON DATE 7/23 AT DEPTH 40
MAXIMUM = 107.00 ON DATE 5/9 AT DEPTH 40

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	79.0	51.0	40.0	50.0	27.0	42.0	31.0	36.0	47.0	32.0	38.0	45.0	50.0	54.0	44.0
10	134.0	56.0	38.0	49.0	37.0	27.0	35.0	44.0	38.0	47.0	34.0	37.0	63.0	46.0	26.0
20	92.0	43.0	30.0	40.0	38.0	36.0	41.0	40.0	42.0	25.0	46.0	32.0	53.0	41.0	46.0
40	87.0	51.0	34.0	33.0	36.0	32.0	33.0	48.0	42.0	42.0	43.0	23.0	49.0	42.0	39.0
60	78.0	27.0	32.0	45.0	42.0	34.0	30.0	42.0	42.0	22.0	42.0	26.0	40.0	57.0	62.0

TOTAL = 3277.36 AVERAGE = 43.69
MINIMUM = 22.00 ON DATE 10/23 AT DEPTH 60
MAXIMUM = 134.00 ON DATE 5/9 AT DEPTH 10

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	109.0	56.0	50.0	36.0	32.0	34.0	29.0	42.0	53.0						
10	91.0	60.0	36.0	25.0	31.0	33.0	32.0	47.0	55.0						
20	102.0	63.0	47.0	47.0	33.0	38.0	36.0	36.0	51.0						
40	77.0	56.0	61.0	44.0	42.0	35.0	33.0	46.0	50.0						
60	80.0	60.0	53.0	23.0	38.0	52.0	41.0		38.0						

TOTAL = 2133.21 AVERAGE = 48.48
MINIMUM = 23.00 ON DATE 6/24 AT DEPTH 60
MAXIMUM = 109.00 ON DATE 5/9 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	65.0	45.0	54.0	25.0	40.0	30.0	39.0	33.0	30.0						
10	90.0	57.0	51.0	37.0	43.0	38.0	44.0	43.0	44.0						
20	96.0	54.0	53.0	39.0	43.0	36.0	40.0	40.0	31.0						
40		88.0	35.0	37.0	36.0	43.0	36.0	44.0	34.0						
60		78.0	38.0	38.0	32.0	37.0	41.0	41.0	22.0						

TOTAL = 1920.21 AVERAGE = 44.65
MINIMUM = 22.00 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 96.00 ON DATE 5/10 AT DEPTH 20

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	67.0	59.0	32.0	27.0	45.0	58.0	35.0	40.0	31.0	40.0	46.0	31.0	43.0	56.0	66.0
10	68.0	42.0	68.0	38.0	38.0	52.0	40.0	57.0	29.0	24.0	41.0	41.0	39.0	48.0	54.0
20	73.0	25.0	54.0	17.0	31.0	61.0	39.0	45.0	44.0	38.0	41.0	50.0	67.0	52.0	46.0
40	65.0	22.0	72.0	28.0	34.0	51.0	28.0	48.0	20.0	30.0	45.0	33.0	49.0	59.0	57.0
60	61.0	29.0	85.0	25.0	37.0	44.0	46.0	30.0	40.0	43.0	41.0	48.0	49.0	49.0	47.0

TOTAL = 3353.36 AVERAGE = 44.71
MINIMUM = 17.00 ON DATE 6/25 AT DEPTH 20
MAXIMUM = 85.00 ON DATE 6/12 AT DEPTH 60

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	71.0	29.0	57.0	22.0	26.0	35.0	40.0	28.0	32.0						
10	93.0	31.0	62.0	39.0	33.0	47.0	46.0	34.0	40.0						
20	88.0	35.0	72.0	33.0	37.0	59.0	40.0	28.0	29.0						
40	89.0	44.0	50.0	52.0	36.0	50.0	51.0	27.0	22.0						
60	78.0	36.0	63.0	64.0	24.0	39.0	47.0	23.0	32.0						

TOTAL = 2013.22 AVERAGE = 44.73
MINIMUM = 22.00 ON DATE 6/25 AT DEPTH 00
MAXIMUM = 93.00 ON DATE 5/10 AT DEPTH 10

SKAHA LAKE PH METER READINGS

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.0	8.5	8.9	9.0	8.8	8.8	9.1	9.0	8.9						
10	9.0	8.5	8.8	8.9	8.8	8.8	9.1	9.0	8.9						
20	9.0	8.5	8.7	8.7	8.8	8.8	9.1	8.8	8.8						
40	9.0	8.5	8.5	8.5	8.5	8.6	8.8	8.4	8.3						
60	9.0	8.4	8.5	8.4	8.4	8.3	8.5	8.2	8.1						

TOTAL = 392.12 AVERAGE = 8.71
MINIMUM = 8.10 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 9.10 ON DATE 8/4 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	8.8	8.8	8.6	8.8	8.9	8.9	9.1	9.1	9.0	8.6	8.1	8.1	8.3	8.5	8.8
10	8.7	8.6	8.7	8.8	8.8	8.8	9.1	9.1	9.0	8.6	8.1	8.1	8.3	8.5	8.8
20	8.5	8.5	8.6	8.7	8.7	8.8	9.1	9.1	9.0	8.6	8.1	8.1	8.3	8.5	8.8
40	9.0	8.4	8.5	8.5	8.4	8.4	8.8	8.4	9.0	8.6	8.1	8.1	8.3	8.5	8.7
60	9.0	8.4	8.5	8.4	8.3	8.3	8.5	8.2	8.3	8.6	8.1	8.1	8.4	8.5	8.7

TOTAL = 644.17 AVERAGE = 8.58
MINIMUM = 8.10 ON DATE 11/19 AT DEPTH 00
MAXIMUM = 9.10 ON DATE 8/4 AT DEPTH 00

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.1	8.5	8.7	8.8	8.8	8.8	9.1	9.1	9.0						
10	9.0	8.5	8.7	8.8	8.8	8.8	9.1	9.1	9.0						
20	9.0	8.5	8.6	8.7	8.8	8.8	9.1	9.1	9.0						
40	9.1	8.4	8.7	8.6	8.5	8.5	8.8	8.6	9.0						
60	9.1	8.4	8.5	8.5	8.3	8.4	8.4	8.3	8.3						

TOTAL = 393.92 AVERAGE = 8.75
MINIMUM = 8.30 ON DATE 7/10 AT DEPTH 60
MAXIMUM = 9.10 ON DATE 5/9 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.0	8.5	8.6	8.8	9.0	8.9	9.0	9.2	9.0						
10	9.0	8.6	8.7	8.8	8.8	8.8	9.0	9.1	8.9						
20	9.0	8.5	8.7	8.7	8.8	8.8	9.0	9.1	8.9						
40	9.0	8.4	8.6	8.5	8.5	8.5	8.6	8.3	8.5						
60	9.0	8.3	8.5	8.3	8.3	8.2	8.3	8.2	8.1						

TOTAL = 391.52 AVERAGE = 8.70
MINIMUM = 8.10 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 9.20 ON DATE 8/20 AT DEPTH 00

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	8.3	8.4	8.6	8.8	8.9	8.8	9.0	9.2	9.0	8.6	8.1	8.1	8.3	8.7	8.8
10	8.4	8.5	8.7	8.8	8.8	8.8	9.0	9.2	9.0	8.6	8.1	8.1	8.3	8.7	8.7
20	8.4	8.5	8.6	8.8	8.8	8.8	9.0	9.2	9.0	8.7	8.0	8.1	8.3	8.7	8.7
40	8.4	8.4	8.6	8.4	8.7	8.5	8.5	8.5	8.4	8.6	8.0	8.2	8.4	8.7	8.7
60	8.4	8.3	8.5	8.3	8.4	8.2	8.3	8.3	8.1	8.6	8.0	8.3	8.4	8.7	8.6

TOTAL = 641.67 AVERAGE = 8.55
MINIMUM = 8.00 ON DATE 11/19 AT DEPTH 20
MAXIMUM = 9.20 ON DATE 8/20 AT DEPTH 00

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	8.4	8.5	8.6	8.8	8.9	8.9	9.0	9.2	9.0						
10	8.4	8.5	8.7	8.8	8.8	8.9	9.0	9.2	9.0						
20	8.4	8.5	8.7	8.8	8.7	8.9	9.0	9.2	9.0						
40	8.4	8.4	8.6	8.5	8.6	8.5	8.4	8.4	8.4						
60	8.4	8.3	8.5	8.4	8.3	8.2	8.2	8.3	8.1						

TOTAL = 368.92 AVERAGE = 8.64
MINIMUM = 8.10 ON DATE 9/4 AT DEPTH 60
MAXIMUM = 9.20 ON DATE 8/20 AT DEPTH 00

SKAHA LAKE BICARBONATE ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		85.	77.	63.	60.	55.	74.	61.	67.						
10		92.	76.	74.	71.	70.	79.	51.	82.						
20		85.	79.	78.	68.	59.	89.	61.	91.						
40		89.	91.	102.	73.	82.	85.	60.	76.						
60		89.	75.	97.	73.	66.	93.	61.	68.						

TOTAL = 3047.19 AVERAGE = 76.17
MINIMUM = 51.00 ON DATE 8/20 AT DEPTH 10
MAXIMUM = 102.00 ON DATE 6/24 AT DEPTH 40

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		92.	79.	62.	72.	91.	66.	53.	78.	60.	79.	93.	104.	92.	99.
10		95.	82.	72.	71.	57.	81.	67.		92.	84.	104.	101.	101.	109.
20		95.	82.	71.	66.	57.	90.	68.	76.	89.	78.	89.	99.	97.	102.
40		95.	81.	83.	63.	67.	90.	66.	78.	80.	79.	86.	102.	95.	108.
60		91.	91.	78.	91.	55.	83.	65.	66.	89.	79.	97.	104.	98.	108.

TOTAL = 5805.33 AVERAGE = 84.13
MINIMUM = 53.00 ON DATE 8/20 AT DEPTH 00
MAXIMUM = 109.00 ON DATE 4/20 AT DEPTH 10

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		98.	90.	83.	74.	59.	85.	55.	63.						
10		82.	85.	85.	60.	61.	84.	71.	67.						
20		98.	92.	85.	67.	68.	77.	57.	56.						
40		92.	86.	87.	72.	52.	77.	71.	68.						
60		94.	79.	98.	62.	56.	90.	64.	68.						

TOTAL = 3018.19 AVERAGE = 75.45
MINIMUM = 52.00 ON DATE 7/23 AT DEPTH 40
MAXIMUM = 98.00 ON DATE 5/23 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		101.	82.	78.	90.	73.	89.	54.	66.						
10		96.	75.	85.	91.	72.	94.	77.	47.						
20		104.	71.	85.	82.	63.	89.	56.	56.						
40		101.	75.	79.	93.	73.	93.	77.	67.						
60		104.	76.	89.	95.	78.	95.	67.	64.						

TOTAL = 3202.19 AVERAGE = 80.05
MINIMUM = 47.00 ON DATE 9/4 AT DEPTH 10
MAXIMUM = 104.00 ON DATE 5/29 AT DEPTH 20

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		81.	72.	98.	84.	63.	84.	50.	62.	89.	79.	99.	108.	88.	87.
10		79.	83.	85.	71.	66.	73.	40.	71.	85.	85.	95.	115.	87.	86.
20		82.	76.	84.	79.	69.	78.	49.	63.	66.	85.	106.	109.	95.	109.
40		81.	83.	92.	96.	66.	81.	61.	64.	88.	82.	101.	102.	104.	109.
60		81.	83.	92.	93.	76.	89.	55.	70.	80.	89.	101.	102.	98.	109.

TOTAL = 5663.34 AVERAGE = 83.76
MINIMUM = 40.00 ON DATE 8/20 AT DEPTH 10
MAXIMUM = 115.00 ON DATE 2/17 AT DEPTH 10

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		81.	67.	92.	80.	62.	81.	38.	66.						
10		86.	72.	80.	63.	55.	85.	58.	64.						
20		85.	76.	85.	63.	76.	83.	39.	56.						
40		80.	84.	87.	86.	65.	87.	59.	60.						
60		80.	72.	92.	92.	63.	95.	54.	67.						

TOTAL = 2956.19 AVERAGE = 73.90
MINIMUM = 38.00 ON DATE 8/20 AT DEPTH 00
MAXIMUM = 95.00 ON DATE 8/4 AT DEPTH 60

SKAHA LAKE CARBONATE ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	3.1	0.0	0.0	0.0	1.2	0.6						
10		0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0						
20		0.0	0.0	0.6	0.0	0.9	0.0	3.0	0.0						
40		0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0						
60		0.0	1.2	0.0	0.9	0.6	0.0	6.0	0.0						

TOTAL = 25.79 AVERAGE = 0.64
MINIMUM = 0.00 ON DATE 5/23 AT DEPTH 00
MAXIMUM = 6.00 ON DATE 8/20 AT DEPTH 60

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	3.1	0.0	0.3	0.0	5.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
10		0.0	1.2	0.6	0.0	1.2	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
40		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	0.0	0.0	0.0
60		3.6	0.0	0.0	0.0	1.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL = 24.44 AVERAGE = 0.35
MINIMUM = 0.00 ON DATE 5/23 AT DEPTH 00
MAXIMUM = 5.40 ON DATE 8/20 AT DEPTH 00

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	0.0	0.0	1.5	0.0	5.4	0.0						
10		3.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0						
20		0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2						
40		2.4	0.0	0.0	0.0	1.5	1.2	0.0	0.0						
60		2.4	0.0	0.0	0.0	0.9	0.0	0.0	0.0						

TOTAL = 22.69 AVERAGE = 0.56
MINIMUM = 0.00 ON DATE 5/23 AT DEPTH 00
MAXIMUM = 5.40 ON DATE 8/20 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	1.8	0.0	0.0	0.0	3.0	0.0						
10		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5						
20		0.0	2.4	0.0	0.0	0.9	0.0	3.6	0.9						
40		0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0						
60		0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0						

TOTAL = 20.29 AVERAGE = 0.50
MINIMUM = 0.00 ON DATE 5/29 AT DEPTH 00
MAXIMUM = 4.80 ON DATE 6/12 AT DEPTH 40

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	0.0	0.6	1.8	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1.2
10		0.0	0.0	0.0	1.2	0.0	0.0	3.0	0.0	0.0	0.0	0.6	0.0	0.0	2.4
20		0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL = 19.54 AVERAGE = 0.27
MINIMUM = 0.00 ON DATE 5/29 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 8/20 AT DEPTH 10

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		0.0	0.0	0.0	0.0	1.2	0.0	3.6	0.0						
10		0.0	0.0	0.0	0.0	1.6	0.0	0.9	0.0						
20		0.0	0.0	0.0	0.0	0.0	1.2	3.6	0.9						
40		0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0						
60		0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0						

TOTAL = 16.99 AVERAGE = 0.42
MINIMUM = 0.00 ON DATE 5/29 AT DEPTH 00
MAXIMUM = 3.60 ON DATE 8/20 AT DEPTH 00

SKAHA LAKE CALCIUM ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	30.4	27.2	24.2	22.4	26.2	20.8	24.0	16.0	16.8						
10	29.8	36.6	23.3	28.8	29.4	25.8	26.4	20.8	20.8						
20	31.2	30.5	20.7	23.2	29.4	20.0	28.8	18.4	20.8						
40	29.6	36.6	25.7	32.8	27.8	23.4	28.8	21.6	18.4						
60	30.4	28.0	23.3	28.0	25.3	22.5	27.2	21.6	21.6						

TOTAL = 1145.52 AVERAGE = 25.45
MINIMUM = 16.00 ON DATE 8/20 AT DEPTH 00
MAXIMUM = 36.60 ON DATE 5/23 AT DEPTH 10

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	30.4	31.2	24.8	20.8	26.9	27.5	26.4	19.2	22.4	20.8	23.2	32.0	31.2	24.8	39.2
10	29.8	32.7	27.4	22.4	23.7	20.8	25.6	20.0		23.2	20.8	32.0	31.2	26.4	40.9
20	29.6	27.2	24.2	19.2	21.2	23.4	30.4	17.6	16.0	24.8	20.8	30.4	28.6	27.2	40.9
40	36.0	32.0	26.5	18.6	28.6	25.0	24.8	18.4	17.6	22.4	21.6	28.0	28.6	24.8	42.5
60	30.4	31.2	26.5	24.8	24.5	25.0	28.8	19.2	20.8	23.2	20.0	31.2	28.6	25.6	31.1

TOTAL = 1945.86 AVERAGE = 25.94
MINIMUM = 16.00 ON DATE 9/4 AT DEPTH 10
MAXIMUM = 42.50 ON DATE 4/20 AT DEPTH 40

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	31.2	31.2	29.8	23.2	28.6	23.4	28.8	18.4	17.6						
10	27.2	29.6	29.0	29.6	26.9	22.5	24.8	20.8	24.0						
20	29.8	31.2	27.4	28.6	27.8	26.7	24.8	19.2	19.2						
40	31.2	30.5	29.0	25.6	23.7	21.7	31.2	18.4	24.0						
60	27.2	27.2	25.7	29.6	28.6	23.4	28.0	21.6	23.2						

TOTAL = 1171.32 AVERAGE = 26.02
MINIMUM = 17.60 ON DATE 9/4 AT DEPTH 00
MAXIMUM = 31.20 ON DATE 5/9 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	26.4	26.0	18.8	24.0	24.5	23.4	26.4	18.4	24.0						
10	25.4	28.0	22.4	25.6	21.2	23.4	27.2	20.0	20.0						
20	29.8	32.0	19.2	24.0	26.9	21.7	28.8	16.0	20.0						
40	29.8	30.5	22.4	20.0	28.6	20.8	29.6	20.8	28.0						
60	28.0	29.6	25.6	26.4	28.6	24.2	30.4	19.2	26.4						

TOTAL = 1114.62 AVERAGE = 24.76
MINIMUM = 16.00 ON DATE 8/20 AT DEPTH 20
MAXIMUM = 32.00 ON DATE 5/29 AT DEPTH 20

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	29.8	32.0	27.2	28.8	23.7	24.8	21.6	18.4	24.0	20.8	20.0	26.4	28.6	24.0	35.5
10	27.2	26.4	28.0	20.0	21.2	28.8	26.4	21.6	30.4	23.2	22.4	31.2	27.8	22.4	33.5
20	28.0	28.8	24.8	26.4	22.0	18.4	23.2	22.4	22.4	21.6	23.2	32.0	27.0	24.0	31.9
40	29.6	27.2	29.6	20.0	26.2	29.6	31.2	28.0	31.2	25.6	21.6	34.4	27.0	27.2	35.2
60	29.6	25.6	28.0	24.8	27.8	25.6	26.4	16.8	25.6	20.8	23.2	37.6	24.8	24.2	31.9

TOTAL = 1968.86 AVERAGE = 26.25
MINIMUM = 16.80 ON DATE 8/20 AT DEPTH 60
MAXIMUM = 37.60 ON DATE 12/17 AT DEPTH 60

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	29.6	28.0	30.4	24.8	24.5	30.4	28.8	16.0	28.0						
10	27.2	28.8	27.2	25.6	26.8	24.0	29.6	17.6	28.0						
20	29.8	27.2	32.0	25.6	27.7	25.6	30.4	14.4	27.2						
40	30.4	24.8	24.8	24.0	29.4	24.8	28.8	20.0	25.6						
60	29.8	24.0	25.6	24.8	27.7	22.4	32.0	20.0	26.8						

TOTAL = 1183.12 AVERAGE = 26.29
MINIMUM = 14.40 ON DATE 8/20 AT DEPTH 20
MAXIMUM = 32.00 ON DATE 6/12 AT DEPTH 20

SKAHA LAKE CHLORIDE ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.7	1.4	1.9	1.8	1.2	2.1	1.8	1.9	1.9						
10	2.0	1.2	1.6	1.9	1.5	2.8	1.8	1.8	1.7						
20	1.6	1.4	1.9	1.6	1.5	1.8	1.8	1.7	1.6						
40	1.7	1.4	2.0	1.9	1.4	2.0	1.9	1.9	1.8						
60	1.8	1.4	1.8	1.9	1.6	2.0	1.8	1.8	1.7						

TOTAL = 78.92 AVERAGE = 1.75
MINIMUM = 1.20 ON DATE 7/10 AT DEPTH 00
MAXIMUM = 2.80 ON DATE 7/23 AT DEPTH 10

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	2.0	1.1	1.9	1.8	1.6	2.0	1.6	1.8	1.8	2.0	1.8		1.9	2.3	1.9
10	2.1	1.5	1.8	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.9	1.9	1.9	2.2	1.7
20	1.7	1.2	1.8	1.9	1.6	1.9	1.8	1.7	1.9	1.8	1.9	1.7	1.9	2.1	1.9
40	1.6	1.5	1.8	1.8	1.7	1.8	1.9	1.9	1.6	2.1	1.9	2.0	2.0	2.0	1.8
60	3.0	1.3	1.8	1.6	1.6	1.8	1.9	1.9	1.6	1.8	1.9	1.9	2.1	2.1	1.8

TOTAL = 135.36 AVERAGE = 1.82
MINIMUM = 1.10 ON DATE 5/23 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 5/9 AT DEPTH 60

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.7	1.5	2.0	1.5	1.8	1.5	1.9	1.9	1.8						
10	1.6	1.4	1.8	1.5	1.5	1.7	1.9	1.7	1.8						
20	1.6	1.3	1.8	1.6	1.8	1.6	1.9	1.9	1.7						
40	1.6	1.5	2.0	1.5	1.7	1.7	2.0	1.8	1.8						
60	1.7	1.4	1.8	1.5	1.7	1.7	2.0	1.8	1.8						

TOTAL = 76.92 AVERAGE = 1.70
MINIMUM = 1.30 ON DATE 5/23 AT DEPTH 20
MAXIMUM = 2.00 ON DATE 6/12 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.7	1.5	1.8	1.4	1.8	1.8	1.9	1.9	1.8						
10	1.6	1.4	1.6	1.4	1.6	1.9	1.9	2.1	1.9						
20	1.4	1.2	1.7	1.5	1.6	1.8	1.9	1.9	1.8						
40	1.4	1.4	1.5	1.4	1.6	1.8	1.8	1.7	1.8						
60	1.4	1.5	1.7	1.6	1.5	1.7	2.1	1.8	1.8						

TOTAL = 75.52 AVERAGE = 1.67
MINIMUM = 1.20 ON DATE 5/29 AT DEPTH 20
MAXIMUM = 2.10 ON DATE 8/20 AT DEPTH 10

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		1.8	1.4	1.5	1.6	1.8	2.1	1.9	1.8	1.8	1.8	1.9	2.1	2.1	1.8
10		1.6	1.7	1.5	1.7	1.7	1.9	1.8	1.9	1.8	1.8	1.8	2.0	2.1	2.2
20		1.7	1.7	1.6	1.6	1.5	1.9	1.8	1.7	1.9	2.0	1.9	1.9	2.3	2.0
40		1.7	1.8	1.6	1.6	1.6	1.9	1.8	1.7	1.8	2.0	1.9	1.9	2.2	1.9
60		1.7	1.9	1.5	1.6	1.8	2.1	1.9	1.8	2.0	1.9	1.7	1.9	2.3	1.7

TOTAL = 127.94 AVERAGE = 1.82
MINIMUM = 1.40 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 2.30 ON DATE 3/25 AT DEPTH 20

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00		1.8	1.7	1.5	1.6	1.9	1.8	1.9	1.8						
10		1.8	1.6	1.5	1.7	1.6	1.9	1.8							
20		1.7	2.0	1.4	1.5	1.5	1.8	1.9	1.8						
40		1.7	1.7	1.6	1.6	1.6	1.9	2.0	1.7						
60		2.0	1.9	1.6	1.6	1.7	1.8	1.9	1.8						

TOTAL = 67.79 AVERAGE = 1.73
MINIMUM = 1.40 ON DATE 6/25 AT DEPTH 20
MAXIMUM = 2.00 ON DATE 6/12 AT DEPTH 20

SKAHA LAKE MAGNESIUM ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.0	8.0	11.7	7.1	10.8	5.4	7.8	8.3	8.4						
10	9.5	7.9	12.8	8.4	7.7	7.4	5.7	8.3	8.3						
20	9.5	8.0	12.5	8.3	8.0	8.7	8.0	8.1	6.9						
40	9.3	8.1	13.1	8.4	8.9	8.2	5.2	8.1	7.9						
60	9.6	8.4	12.9	8.1	8.2	8.1	8.2	7.9	8.1						

TOTAL = 387.42 AVERAGE = 8.60
MINIMUM = 5.20 ON DATE 8/4 AT DEPTH 40
MAXIMUM = 13.10 ON DATE 6/12 AT DEPTH 40

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.6	8.1	12.3	8.3	10.0	8.0	7.8	8.1	8.3	8.3	8.9		9.7	9.2	9.2
10	9.7	9.7	12.8	7.8	9.4	9.0	6.4	8.0	8.0	8.3	8.7	8.2	9.7	8.8	9.2
20	10.0	8.1	11.8	8.0	8.2	7.8	8.4	9.1	8.3	8.5	8.8	8.2	9.7	8.8	9.3
40	9.9	8.2	11.9	8.0	8.6	8.8	6.9	8.3	6.8	8.2	8.7	8.3	9.6	8.8	9.3
60	9.7	8.1	12.0	8.1	9.2	9.0	6.8	7.9	8.4	8.5	8.8	8.3	9.6	8.8	9.3

TOTAL = 655.66 AVERAGE = 8.86
MINIMUM = 6.40 ON DATE 8/4 AT DEPTH 10
MAXIMUM = 12.80 ON DATE 6/12 AT DEPTH 10

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.6	8.1	13.9	9.6	8.1	3.6	6.6	8.1	8.4						
10	8.8	8.1	11.7	9.0	9.2	6.7	5.7	8.2	8.1						
20	8.7	7.8	11.7	8.9	11.8	8.0	3.2	8.5	8.2						
40	9.8	8.6	13.0	8.6	10.9	8.9	4.0	8.0	8.4						
60	9.7	8.3	12.0	9.1	8.2	8.3	8.1	7.9	8.0						

TOTAL = 368.32 AVERAGE = 8.62
MINIMUM = 3.20 ON DATE 8/4 AT DEPTH 20
MAXIMUM = 13.90 ON DATE 6/12 AT DEPTH 00

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	9.3	8.2	10.1	8.6	8.1	7.1	8.9	8.5	8.4						
10	9.0	8.1	8.5	8.9	8.1	8.4	7.5	8.0	8.3						
20	9.9	8.5	8.7	9.7	8.2	8.1	7.3	8.2	8.3						
40	9.8	8.2	9.1	9.1	8.2	7.4	8.1	8.2	8.3						
60	10.1	8.7	10.4	9.5	8.3	8.3	8.4	7.9	8.4						

TOTAL = 365.52 AVERAGE = 8.56
MINIMUM = 7.10 ON DATE 7/23 AT DEPTH 00
MAXIMUM = 10.40 ON DATE 6/12 AT DEPTH 60

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	8.4	7.8	9.1	8.7	7.8	8.0	6.2	7.8	8.7	8.3	8.6	8.5	9.7	8.7	9.3
10	8.4	8.0	9.2	8.7	8.1	8.3	7.8	7.8	8.7	8.5	8.8	8.5	9.8	8.6	9.1
20	8.7	7.9	8.8	8.8	9.2	8.3	6.9	8.0	8.6	8.4	8.7	8.4	11.1	8.7	9.1
40	8.5	8.2	9.1	9.2	9.1	8.2	7.0	8.2	8.4	8.3	8.9	8.4	9.1	8.7	9.1
60	8.9	6.2	9.1	9.2	8.1	8.6	8.4	8.1	8.4	8.1	10.1	8.5	9.7	9.1	9.2

TOTAL = 644.17 AVERAGE = 8.58
MINIMUM = 6.20 ON DATE 8/4 AT DEPTH 00
MAXIMUM = 11.10 ON DATE 2/17 AT DEPTH 20

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	8.5	7.6	9.1	8.8	8.2	6.3	8.6	7.8	8.4						
10	8.9	8.1	8.5	8.8	8.0	5.9	8.4	8.1							
20	8.8	8.0	8.3	9.6	8.1	8.2	6.2	7.7	8.4						
40	8.6	8.2	8.6	8.8	7.8	7.3	8.3	6.0	8.3						
60	8.7	8.5	8.7	8.7	8.2	8.6	7.0	7.7	8.6						

TOTAL = 360.31 AVERAGE = 8.18
MINIMUM = 5.90 ON DATE 7/23 AT DEPTH 10
MAXIMUM = 9.60 ON DATE 6/25 AT DEPTH 20

SKAHA LAKE SILICATE ION (SIO2) MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.7	2.8	3.8	3.3	3.9	4.6	3.9	4.0	3.9						
10	2.8	2.9	4.2	3.3	3.4	3.9	4.3	4.3	4.2						
20	1.7	3.1	3.5	3.2	3.4	3.4	3.8	4.0	4.1						
40	2.2	2.6	2.9	1.9	3.2		3.8	3.8	3.9						
60	2.0	1.9	2.8	2.3	3.0	3.2	2.9	3.1	3.4						

TOTAL = 144.51 AVERAGE = 3.28
MINIMUM = 1.70 ON DATE 5/9 AT DEPTH 00
MAXIMUM = 4.60 ON DATE 7/23 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	2.0	2.5	3.5	3.5	3.4	3.2	4.0	3.6	3.9	4.1	4.4	4.4	4.0	1.9	0.8
10	2.1	2.8	3.8	3.6	3.4	3.8	4.3	3.7	4.0	4.2	4.5	4.4	4.0	1.9	0.8
20	2.1	3.2	3.3	3.4	3.5	4.1	3.9	4.7	4.0	4.2	4.3	4.3	4.2	2.0	0.4
40	1.3	2.2	3.2	2.7	2.9	3.2	2.9	3.3	3.7	4.1	4.4	4.6	4.2	1.8	0.6
60	1.4	2.6	2.6	2.7	3.1	3.2	3.8	3.2	4.1	4.0	4.3	4.5	4.0	1.9	0.4

TOTAL = 243.37 AVERAGE = 3.24
MINIMUM = 0.40 ON DATE 4/20 AT DEPTH 20
MAXIMUM = 4.70 ON DATE 8/20 AT DEPTH 20

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.5	2.7	3.6	3.6	3.8	3.8	3.9	3.6	3.7						
10	2.2	2.8	3.8	3.6	3.4	3.5	6.4	3.8	4.1						
20	1.3	2.8	3.2	3.6	3.2	3.5	4.5	4.1	3.7						
40	1.3	2.4	3.4	3.3	3.0	3.2	3.7	3.6	4.0						
60	1.6	2.2	2.8	3.4	3.6	3.3	3.7	3.3							

TOTAL = 145.91 AVERAGE = 3.31
MINIMUM = 1.30 ON DATE 5/9 AT DEPTH 20
MAXIMUM = 6.40 ON DATE 8/4 AT DEPTH 10

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.0	3.0	2.0	3.5	3.0	3.5	3.4	3.8	3.9						
10	1.3	3.4	3.2	3.8	2.7	4.2	3.8	3.5	3.8						
20	0.9	3.1	3.2	3.6	1.9	3.2	3.7	3.8	3.6						
40	0.8	2.2	3.0	3.4	3.0	3.3	3.2	3.6	3.8						
60	0.5	2.0	2.4	3.2	3.0	3.2	3.5	3.6	3.8						

TOTAL = 135.52 AVERAGE = 3.01
MINIMUM = 0.50 ON DATE 5/10 AT DEPTH 60
MAXIMUM = 4.20 ON DATE 7/23 AT DEPTH 10

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	1.7	3.4	2.8	3.6	2.6	3.0	3.8	3.4	4.1	4.2	4.4	4.4	4.1	1.7	0.4
10	2.3	3.8	3.2	3.6	2.2	3.1	3.6	3.4	3.7	4.3	4.4	4.3	4.1	1.6	0.4
20	2.3	3.5	2.9	3.4	1.9	3.0	3.6	3.4	3.8	4.4	4.5	4.3	4.2	1.7	0.4
40	2.2	2.8	3.2	3.4	2.1	3.2	3.4	3.3	4.0	4.4	4.3	4.7	4.2	1.5	0.4
60	2.0	2.6	2.7	3.3	2.8	3.4	3.4	3.6	3.9	4.1	4.4	4.6	4.0	1.9	0.4

TOTAL = 237.47 AVERAGE = 3.16
MINIMUM = 0.40 ON DATE 4/20 AT DEPTH 00
MAXIMUM = 4.70 ON DATE 12/17 AT DEPTH 40

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	2.2	3.4	2.4	3.3	3.0	3.4	3.6	3.8	3.4						
10	1.9	3.1	3.2	3.5	2.6	3.2	3.4	3.8	4.0						
20	1.7	3.2	3.1	3.4	3.3	3.2	3.4	3.9	3.9						
40	1.7	2.8	3.0	3.3	1.3	3.4	3.4	3.8	3.4						
60	1.5	2.4	3.1	3.3	2.1	3.0	3.7	3.6	3.5						

TOTAL = 138.82 AVERAGE = 3.08
MINIMUM = 1.30 ON DATE 7/10 AT DEPTH 40
MAXIMUM = 4.00 ON DATE 9/4 AT DEPTH 10

SKAHA LAKE SULPHATE ION MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			22.		31.		25.		24.						
10			25.		26.		29.		24.						
20			24.		25.		26.		25.						
40			26.		28.		28.		25.						
60					27.		25.		25.						

TOTAL = 490.09 AVERAGE = 25.79
MINIMUM = 22.00 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 31.00 ON DATE 7/10 AT DEPTH 00

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			24.		29.		25.		24.		25.		26.		25.
10			25.		30.		27.		25.		25.		26.		27.
20					26.		25.		23.		26.		26.		26.
40			24.		27.		26.		22.		25.		26.		26.
60					29.		26.		24.		24.		26.		26.

TOTAL = 846.16 AVERAGE = 25.64
MINIMUM = 22.00 ON DATE 9/4 AT DEPTH 40
MAXIMUM = 30.00 ON DATE 7/10 AT DEPTH 10

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			24.		27.		25.		24.						
10			27.		30.		27.		26.						
20			25.		35.		31.		25.						
40			26.		32.				25.						
60			26.		27.		25.		26.						

TOTAL = 513.09 AVERAGE = 27.00
MINIMUM = 24.00 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 35.00 ON DATE 7/10 AT DEPTH 20

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			27.		24.		25.		24.						
10			24.		25.		27.		25.						
20			25.		25.		27.		26.						
40					25.		26.		23.						
60			28.		24.				25.						

TOTAL = 455.28 AVERAGE = 25.29
MINIMUM = 23.00 ON DATE 9/4 AT DEPTH 40
MAXIMUM = 28.00 ON DATE 6/12 AT DEPTH 60

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			22.		28.		25.		24.		25.		26.		26.
10			27.		27.		26.		24.		25.		26.		26.
20			24.		29.		25.		25.		24.		26.		26.
40			26.		28.		27.		25.		25.		28.		26.
60			25.		26.		25.		24.		25.		27.		27.

TOTAL = 900.37 AVERAGE = 25.72
MINIMUM = 22.20 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 29.00 ON DATE 7/10 AT DEPTH 20

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00			24.		25.		25.		22.						
10			25.		25.		25.		25.						
20			25.		27.		24.		25.						
40			24.		27.		27.		24.						
60			25.		26.		27.		26.						

TOTAL = 503.29 AVERAGE = 25.16
MINIMUM = 22.00 ON DATE 9/4 AT DEPTH 00
MAXIMUM = 27.00 ON DATE 7/10 AT DEPTH 20

SKAHA LAKE AMMONIA-NITROGEN MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.08	0.06	0.08	0.07	0.03	0.03	0.08	0.06	0.06						
10	0.01	0.07	0.07	0.04	0.02	0.03	0.06	0.05	0.05						
20	0.02	0.08	0.09	0.04	0.03	0.03	0.05	0.05	0.05						
40	0.02	0.09	0.10	0.05	0.03	0.03	0.04	0.06	0.05						
60	0.06	0.09	0.12	0.05	0.02	0.02	0.04	0.04	0.05						

TOTAL = 2.57 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 5/9 AT DEPTH 10
MAXIMUM = 0.12 ON DATE 6/12 AT DEPTH 60

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.05	0.08	0.07	0.05	0.02	0.04	0.05	0.05	0.04	0.03	0.05	0.05	0.05	0.05	0.07
10	0.03	0.06	0.06	0.04	0.03	0.03	0.05	0.05	0.04	0.05	0.05	0.03	0.05	0.05	0.05
20	0.02	0.08	0.07	0.04	0.03	0.03	0.05	0.05	0.06	0.05	0.05	0.04	0.04	0.05	0.05
40	0.07	0.10	0.09	0.05	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05
60	0.09	0.12	0.12	0.05	0.02	0.03	0.05	0.04	0.06	0.05	0.05	0.04	0.04	0.05	0.05

TOTAL = 4.16 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 7/10 AT DEPTH 00
MAXIMUM = 0.12 ON DATE 5/23 AT DEPTH 60

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.06	0.07	0.04	0.03	0.03	0.05	0.05	0.05						
10	0.01	0.07	0.08	0.04	0.03	0.03	0.05	0.05	0.05						
20	0.03	0.05	0.07	0.05	0.03	0.02	0.05	0.05	0.05						
40	0.05	0.10	0.12	0.04	0.03	0.02	0.04	0.05	0.05						
60	0.07	0.12	0.12	0.04	0.03	0.02	0.06	0.05	0.07						

TOTAL = 2.51 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 5/9 AT DEPTH 10
MAXIMUM = 0.12 ON DATE 6/12 AT DEPTH 40

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.07	0.06	0.07	0.04	0.04	0.03	0.05	0.07	0.05						
10	0.03	0.06	0.07	0.04	0.04	0.02	0.05	0.06	0.05						
20	0.04	0.07	0.07	0.04	0.04	0.03	0.04	0.06	0.05						
40	0.08	0.13	0.09	0.04	0.04	0.03	0.04	0.05	0.05						
60	0.08	0.18	0.10	0.04	0.04	0.03	0.04	0.04	0.04						

TOTAL = 2.70 AVERAGE = 0.06
MINIMUM = 0.02 ON DATE 7/23 AT DEPTH 10
MAXIMUM = 0.18 ON DATE 5/29 AT DEPTH 60

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.03	0.07	0.04	0.04	0.06	0.06	0.07	0.04	0.05	0.05	0.05	0.04	0.05	0.04
10	0.03	0.04	0.07	0.04	0.04	0.04	0.05	0.06	0.06	0.05	0.06	0.04	0.04	0.05	0.04
20	0.03	0.04	0.07	0.03	0.04	0.04	0.05	0.05	0.06	0.05	0.05	0.04	0.05	0.05	0.07
40	0.03	0.07	0.08	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05
60	0.05	0.10	0.10	0.04	0.03	0.05	0.05	0.04	0.03	0.05	0.05	0.04	0.05	0.04	0.05

TOTAL = 4.01 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 5/10 AT DEPTH 00
MAXIMUM = 0.10 ON DATE 5/29 AT DEPTH 60

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.04	0.05	0.06	0.04	0.04	0.06	0.06	0.05	0.07						
10	0.03	0.09	0.07	0.04	0.04	0.05	0.05	0.06	0.05						
20	0.03	0.04	0.08	0.04	0.04	0.05	0.06	0.06	0.05						
40	0.03	0.08	0.08	0.04	0.03	0.05	0.05	0.04	0.04						
60	0.08	0.09	0.10	0.04	0.03	0.04	0.05	0.04	0.03						

TOTAL = 2.56 AVERAGE = 0.05
MINIMUM = 0.03 ON DATE 5/10 AT DEPTH 10
MAXIMUM = 0.10 ON DATE 6/12 AT DEPTH 60

SKAHA LAKE NITRATE-NITROGEN MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.03	0.04	0.02	0.01	0.02	0.03	0.01	0.02						
10	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02						
20	0.03	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.02						
40	0.03	0.02	0.03	0.03	0.03	0.01	0.02	0.02	0.03						
60	0.03	0.02	0.02	0.08	0.06	0.05	0.07	0.10	0.10						

TOTAL = 1.53 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/10 AT DEPTH 00
MAXIMUM = 0.10 ON DATE 8/20 AT DEPTH 60

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.01	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.06		0.10	0.05	0.01
10	0.02	0.03	0.03	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.06	0.11	0.10	0.05	0.02
20	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.06	0.11	0.10	0.05	0.01
40	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.09	0.11	0.12	0.05	0.02
60	0.01	0.02	0.03	0.05	0.05	0.04	0.05	0.09	0.09	0.03	0.07	0.12	0.10	0.06	0.02

TOTAL = 3.14 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 5/9 AT DEPTH 00
MAXIMUM = 0.12 ON DATE 2/17 AT DEPTH 40

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.01	0.02	0.03	0.01	0.01	0.00	0.01	0.01							
10	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.02						
20	0.01	0.04	0.04	0.02	0.01	0.01	0.01	0.01	0.02						
40	0.03	0.02	0.02	0.01	0.01	0.02	0.01	0.05	0.02						
60	0.01	0.02	0.03	0.05	0.05	0.06	0.09	0.08	0.10						

TOTAL = 1.34 AVERAGE = 0.03
MINIMUM = 0.00 ON DATE 7/23 AT DEPTH 00
MAXIMUM = 0.10 ON DATE 9/4 AT DEPTH 60

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02						
10	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02						
20	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02						
40	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.03	0.04						
60	0.03	0.02	0.01	0.07	0.08	0.09	0.09	0.10	0.09						

TOTAL = 1.44 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 7/10 AT DEPTH 00
MAXIMUM = 0.10 ON DATE 8/20 AT DEPTH 60

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.02	0.03	0.03	0.01	0.01	0.02	0.01	0.02	0.02	0.07	0.12	0.11	0.02	0.01
10	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.07	0.12	0.11	0.02	0.02
20	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.03	0.02	0.08	0.11	0.12	0.02	0.01
40	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.03	0.05	0.01	0.09	0.11	0.11	0.02	0.01
60	0.02	0.02	0.02	0.07	0.05	0.09	0.09	0.11	0.14	0.02	0.09	0.12	0.12	0.02	0.02

TOTAL = 3.47 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 7/10 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 9/4 AT DEPTH 60

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.03						
10	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02						
20	0.03	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.02						
40	0.01	0.02	0.02	0.03	0.01	0.02	0.03	0.09	0.06						
60	0.01	0.02	0.02	0.06	0.02	0.08	0.10	0.12	0.14						

TOTAL = 1.53 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 9/4 AT DEPTH 60

SKAHA LAKE TOTAL PHOSPHATE MG PER L

STATION 1

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.07	0.07	0.05	0.04	0.02	0.01	0.03	0.05	0.06						
10	0.07	0.05	0.04	0.03	0.02	0.01	0.02	0.04	0.06						
20	0.07	0.05	0.04		0.03	0.03	0.03	0.07	0.09						
40	0.07	0.08	0.04	0.17	0.02	0.02	0.05	0.07	0.06						
60	0.08	0.05	0.04	0.05	0.03	0.01	0.06	0.05	0.06						

TOTAL = 2.41 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 7/23 AT DEPTH 00
MAXIMUM = 0.17 ON DATE 6/24 AT DEPTH 40

STATION 2

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.10	0.05	0.03	0.08	0.03	0.03	0.05	0.05	0.08	0.07	0.10	0.08	0.16	0.08	0.03
10	0.09	0.08	0.03	0.15	0.03	0.03	0.04	0.05	0.06	0.05	0.12	0.10	0.17	0.10	0.04
20	0.08	0.07	0.04		0.04	0.03	0.04	0.04	0.05	0.08	0.10	0.09	0.13	0.07	0.07
40	0.05	0.05	0.06	0.05	0.03	0.02	0.06	0.04	0.06	0.08	0.12	0.09	0.13	0.13	0.05
60	0.18	0.09	0.04	0.28	0.05	0.04	0.06	0.04	0.05	0.08	0.10	0.11	0.15	0.10	0.07

TOTAL = 5.91 AVERAGE = 0.07
MINIMUM = 0.02 ON DATE 7/23 AT DEPTH 40
MAXIMUM = 0.28 ON DATE 6/24 AT DEPTH 60

STATION 3

DEPTH	5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.08	0.06	0.04	0.02	0.03	0.02	0.05	0.05	0.03						
10	0.06	0.08	0.04	0.05	0.05	0.02	0.04	0.06	0.03						
20	0.15	0.08	0.08	0.06	0.04	0.02	0.04	0.04	0.04						
40	0.08	0.06	0.05	0.06	0.03	0.03	0.04	0.05	0.04						
60	0.18	0.08	0.06	0.05	0.05	0.03	0.06	0.05	0.11						

TOTAL = 2.69 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 6/24 AT DEPTH 00
MAXIMUM = 0.18 ON DATE 5/9 AT DEPTH 60

STATION 4

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.06	0.06	0.01	0.08	0.04	0.02	0.04	0.03	0.03						
10	0.06	0.07	0.02	0.03	0.03	0.02	0.03	0.04	0.04						
20	0.08	0.08		0.02	0.03	0.01	0.03	0.05	0.05						
40	0.04	0.11	0.02	0.22	0.03	0.03	0.05	0.04	0.04						
60		0.05	0.02	0.04	0.05	0.03	0.19	0.05	0.06						

TOTAL = 2.34 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 6/12 AT DEPTH 00
MAXIMUM = 0.22 ON DATE 6/25 AT DEPTH 40

STATION 5

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.14	0.05	0.03	0.03	0.02	0.07	0.01	0.02	0.04	0.07	0.12	0.08	0.13	0.09	0.06
10	0.11	0.07	0.02	0.03	0.03	0.03	0.05	0.04	0.06	0.06	0.10	0.11	0.11	0.13	0.05
20	0.13	0.05	0.03	0.05	0.05	0.04	0.03	0.03	0.05	0.06	0.08	0.10	0.13	0.13	0.05
40	0.12	0.06	0.05	0.12	0.03	0.04	0.05	0.03	0.04	0.08	0.10	0.09	0.12	0.12	0.07
60	0.07	0.06	0.03	0.05	0.05	0.05	0.06	0.03	0.06	0.07	0.12	0.13	0.13	0.10	0.06

TOTAL = 5.53 AVERAGE = 0.07
MINIMUM = 0.01 ON DATE 8/4 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 5/10 AT DEPTH 00

STATION 6

DEPTH	5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
00	0.14	0.06	0.08	0.03	0.04	0.06	0.03	0.03	0.05						
10	0.10	0.06	0.03	0.03	0.06	0.03	0.01	0.04	0.05						
20	0.07	0.05	0.03	0.02	0.04	0.03	0.03	0.03	0.04						
40	0.13	0.06	0.03	0.09	0.06	0.03	0.03	0.04	0.05						
60	0.10	0.05	0.04	0.02	0.06	0.05	0.09	0.05	0.08						

TOTAL = 2.55 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 6/4 AT DEPTH 10
MAXIMUM = 0.14 ON DATE 5/10 AT DEPTH 00

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SKAHA LAKE TURBIDITY IN FEET OF DEPTH

STATION 2

5/9	5/23	6/12	6/24	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
12.6	11.5	18.0	22.0	20.0	16.0	14.5	11.0	11.5	13.5			23.0	15.0	22.5

STATION 5

5/10	5/29	6/12	6/25	7/10	7/23	8/4	8/20	9/4	10/23	11/19	12/17	2/17	3/25	4/20
9.0	12.5	17.5	21.0	20.0	17.5	12.5	12.0	10.0	10.7	16.0	20.0	22.5	12.0	21.5

STATION SK2

	5/ 9	5/23	6/12	6/24	7/10	7/23	8/ 4	8/20	9/ 4	10/23	11/19	12/17	2/17	3/25	4/20
TOTAL PHYTOPLANKTON															
0	314	1487	81	108	1202	1656	562	732	427	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1747
10	772	1634	91	70	1170	1293	621	868	402	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2095
20	326	1191	357	171	1920	1944	1038	1034	329	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1912
40	85	165	119	164	273	419	509	396	335	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2479
60	113	470	37	69	571	1279	495	328	75	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2380
ALL	1610	4947	685	582	5136	6591	3225	3358	1568	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	10613
TOTAL BLUEGREENS															
0	0	213	26	8	314	838	431	604	378	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	50
10	0	303	18	20	454	403	418	704	372	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	67
20	0	122	10	25	567	1032	593	947	303	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	60
40	0	23	7	8	39	155	298	347	310	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30
60	0	52	1	0	0	923	140	266	58	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30
ALL	0	713	62	61	1374	3351	1880	2868	1421	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	237
TOTAL GREENS															
0	63	0	0	0	158	110	33	2	14	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	46
10	19	0	0	0	180	63	44	7	4	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	43
20	3	0	0	0	239	110	72	2	4	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	64
40	0	0	0	0	24	56	47	6	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	106
60	0	0	0	0	29	53	26	19	11	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	-46
ALL	85	0	0	0	630	392	222	36	33	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	305
TOTAL DIATOMS															
0	251	1104	48	72	704	517	55	58	30	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	513
10	753	1232	68	12	393	445	100	66	18	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	763
20	323	1012	320	131	960	547	188	54	21	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	692
40	85	140	104	155	206	133	140	32	16	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	978
60	113	416	36	69	482	206	219	38	4	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1257
ALL	1525	3904	576	439	2745	1848	702	248	89	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4203
TOTAL PHYTOFLAGELLATES															
0	0	170	7	28	26	178	43	68	5	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1095
10	0	99	5	38	106	373	57	83	8	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1082
20	0	57	27	15	154	245	185	27	1	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	873
40	0	2	8	1	4	72	23	6	9	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1122
60	0	2	0	0	60	80	110	2	2	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	457
ALL	0	330	47	82	350	948	418	186	25	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4629
TOTAL DOMINANTS															
0	136	1250	55	100	474	781	387	147	28	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1585
10	348	1295	73	50	556	594	295	303	34	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1722
20	88	1045	347	111	831	1010	535	436	19	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1455
40	76	142	100	81	75	218	252	209	26	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1875
60	24	406	36	24	170	937	296	215	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1410
ALL	672	4136	611	366	2106	3540	1765	1310	114	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	8047
APHMC															
0	0	0	0	0	307	576	353	71	12	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	13
10	0	0	0	0	417	207	243	220	28	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7
20	0	0	0	0	447	730	353	404	14	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	20
40	0	0	0	0	34	133	219	194	14	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	0	857	120	201	6	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	20
ALL	0	0	0	0	1205	2503	1288	1090	74	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	60
ASTRI															
0	136	912	48	0	67	13	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	290
10	216	1040	56	0	0	17	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	390
20	88	760	200	0	40	13	0	1	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	466
40	40	104	32	8	5	7	7	1	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	523
60	24	344	0	0	0	0	0	2	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	487
ALL	504	3160	336	8	112	50	7	4	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2156
CHRML															
0	0	170	3	28	20	42	27	48	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1092
10	0	99	5	38	86	0	39	56	6	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1082
20	0	57	27	15	100	40	92	20	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	866
40	0	2	4	1	2	59	13	4	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1109
60	0	2	0	0	47	70	103	0	1	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	440
ALL	0	330	39	82	255	211	274	128	17	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4589
DINOB															
0	0	0	4	0	3	133	7	20	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
10	0	0	0	0	3	370	13	10	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
20	0	0	0	0	47	200	70	7	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
40	0	0	4	0	1	4	0	2	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	0	0	0	2	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	8	0	54	707	90	41	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
FRAGC															
0	0	168	0	72	77	17	0	8	13	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	190
10	132	156	12	12	50	0	0	17	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	243
20	0	228	120	96	197	27	20	4	5	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	103
40	36	36	60	72	33	15	13	8	5	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	243
60	0	60	36	24	123	10	73	10	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	463
ALL	168	648	228	276	480	69	106	47	23	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1242

	SK1 P					SK2 P					SK3 P				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ASTRI	152	120	184	160	24	136	216	88	40	24	240	224	472	136	64
CHLMY	0	80	69	15	0	63	19	3	0	0	114	149	159	0	0
CYCKU	640	960	600	360	115	115	405	225	0	80	260	180	1925	390	75
FRAGC	96	60	192	24	0	0	132	0	36	0	72	60	156	24	0
MELOM	0	0	0	0	0	0	0	0	0	0	0	0	70	50	10
STEPH	0	0	12	8	10	0	0	10	9	9	0	0	20	26	8

	SK1 Q					SK2 Q					SK3 Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANAST	15	37	66	12	7	73	113	7	10	16.	107	80	105	2	0
ASTRI	904	808	944	416	80	912	1040	760	104	344	912	976	935	256	88
CHRML	120	108	161	25	6	170	99	57	2	2	48	86	109	19	1
FRAGC	96	192	324	132	96	168	156	228	36	60	108	192	335	84	36
FRAGL	0	0	0	0	0	24	36	24	0	12	24	36	35	48	0
LYNGL	1	0	2	0	0	2	8	5	0	0	0	8	7	0	0
OSCIL	73	73	78	18	17	138	182	110	13	36	38	222	260	42	12
STEPH	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

	SK1 R					SK2 R					SK3 R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	0	3	0	0	0	12	4	0	0	0	0	0	2	0	0
ANAST	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
ASTRI	40	64	88	24	0	48	56	200	32	0	32	48	136	40	8
CHRML	2	2	7	3	0	3	5	27	4	0	4	13	48	23	7
DINOB	4	0	0	0	0	4	0	0	4	0	7	3	0	0	0
FRAGC	36	36	60	228	60	0	12	120	60	36	60	60	60	72	24
FRAGL	0	0	48	72	0	0	0	0	12	0	0	0	0	72	0
OSCIL	5	9	6	17	3	14	14	10	7	0	0	5	8	26	4
TABEL	0	4	1	12	2	0	0	0	0	0	0	0	0	14	0

	SK1 S					SK2 S					SK3 S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	15	0	0	0	0	8	9	25	0	0	18	0	1	0	0
ANACU	129	0	10	0	0	0	11	0	0	0	0	8	16	0	0
ASTRI	24	0	0	48	0	0	0	0	8	0	0	0	0	0	0
CHRML	77	91	67	1	0	28	38	15	1	0	82	45	69	3	0
FRAGC	0	0	0	108	12	72	12	96	72	24	0	0	0	264	84
FRAGL	0	0	0	0	60	0	0	0	24	36	0	0	0	36	0
LYNGL	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OSCIL	0	1	8	0	4	0	0	0	8	0	0	0	0	0	0
TABEL	0	0	0	53	17	0	0	35	51	9	0	0	0	99	2

	SK1 T					SK2 T					SK3 T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	850	0	27	0	0	0	27	0	0	0	7	23	13	3	0
ANAST	0	0	0	0	0	0	3	3	0	0	0	10	0	0	0
ANKLG	0	3	0	6	0	0	0	3	2	0	0	0	0	10	0
APHAZ	0	0	3	0	0	7	0	0	5	0	3	7	0	0	7
APHMC	157	240	110	14	0	307	417	447	34	0	537	653	403	138	0
APHNI	0	10	7	0	0	0	7	7	0	0	0	0	3	0	0
ASTRI	33	0	10	0	0	67	0	40	5	0	0	3	73	16	23
BOTRY	0	0	0	1	0	3	3	0	1	3	0	0	0	2	0
CHRCC	0	0	0	0	0	0	0	97	0	0	0	0	0	0	0
CHRML	3	70	16	6	36	20	86	100	2	47	213	333	60	2	53
COCCN	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
COELK	0	0	0	0	23	0	0	0	0	0	0	0	20	0	0
CRUCI	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCQ	0	7	0	0	0	0	0	0	0	0	0	0	0	1	0
CYCKU	60	43	47	7	3	100	87	47	12	3	83	37	133	9	3
CYCMH	0	0	3	3	0	3	3	10	2	0	3	3	3	4	3
DINOB	0	173	27	0	0	3	3	47	1	0	150	0	27	0	0
ELAKA	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
FRAGC	100	303	233	204	340	77	50	197	33	123	40	270	83	34	110
FRAGL	0	0	13	0	0	0	0	0	0	0	0	23	0	57	0
LYNGL	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
MALLO	7	10	0	2	13	3	17	7	1	13	3	3	0	1	10
MELOL	13	0	10	4	0	0	37	0	0	0	0	10	0	0	0
MELOM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	7
MELOS	103	130	157	35	0	260	110	137	70	0	233	313	123	58	107
NAVIC	0	0	3	1	0	0	0	3	0	0	0	0	0	0	0
NEPHR	0	0	13	0	0	80	27	0	0	0	60	27	60	1	0
OOCYS	10	43	20	13	3	17	20	127	6	13	73	37	123	8	37
PANDR	0	0	0	0	0	0	3	0	0	0	0	3	0	1	0
SCHRO	3	3	0	3	0	0	10	3	1	0	0	7	0	0	0
SPHAE	35	40	14	2	0	53	74	94	1	0	36	16	11	0	0
STAUR	3	0	3	0	0	5	0	2	0	0	0	2	0	0	0
STEPH	0	23	17	0	0	3	13	13	0	0	20	13	23	1	3
STPHA	0	0	0	0	3	0	7	0	0	0	0	3	3	0	0
STPHD	60	53	60	7	0	40	27	83	3	13	50	50	67	1	7
SYNEM	3	0	13	3	7	17	13	3	1	0	3	3	0	3	3
TABEL	153	240	580	128	147	137	83	427	80	340	103	247	230	111	237
ULOTH	3	10	3	42	0	0	43	10	13	13	27	40	0	15	0

	SK1 U					SK2 U					SK3 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	5	15	8	3	0	50	40	40	1	0	50	120	47	1	0
ANASP	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAST	0	5	0	0	0	0	5	0	0	0	0	23	20	0	0
APHAZ	86	64	34	30	3	90	140	180	2	3	207	77	143	30	0
APHMC	211	149	189	239	443	576	207	730	133	857	779	743	436	93	53
APHNI	4	9	4	2	0	7	0	23	3	13	20	27	17	4	0
ASTRI	11	5	6	4	0	13	17	13	7	0	30	20	20	5	7
BOTRY	0	1	0	1	7	2	0	0	2	3	0	2	0	3	0
CHRCC	20	7	30	128	0	97	9	50	12	43	0	17	70	17	13
CHRML	3	17	5	2	53	42	0	40	59	70	17	90	9	24	133
COELK	0	0	0	0	0	3	0	0	0	7	7	7	3	0	0
CRUCI	0	0	3	0	0	9	9	13	4	0	10	5	7	0	0
CRUCQ	1	5	1	0	3	0	7	0	1	17	0	0	0	0	0
CYCKU	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
CYCMH	2	4	2	5	7	9	9	9	5	0	13	20	3	7	20
DINOB	120	73	41	12	3	133	370	200	4	0	43	380	240	19	0
ELAKA	0	3	1	5	0	0	0	5	7	3	0	0	0	2	7
FRAGC	9	5	0	0	7	17	0	27	15	10	100	50	0	29	70
FRAGL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
LYNGL	3	5	4	1	0	12	2	9	4	0	20	9	3	4	0
MALLO	2	3	1	4	10	3	3	5	9	10	2	7	0	6	20
MELOL	4	0	1	1	7	13	2	10	2	0	0	20	3	1	0
MELOM	0	0	0	0	0	0	0	0	0	0	0	173	0	0	7
MELOS	101	68	36	52	60	193	160	193	43	137	337	370	203	85	60
NAVIC	3	0	2	0	0	17	0	23	0	0	0	2	0	1	0
NEPHR	8	1	5	50	0	2	0	2	3	0	0	87	0	0	0
OOCYS	25	18	14	13	13	53	33	50	24	37	47	90	33	17	7
PANDR	2	2	1	0	0	2	5	3	2	0	2	0	5	2	0
SPHAE	1	8	1	0	3	13	3	22	2	10	15	19	0	2	3
STAUR	1	0	1	1	0	2	0	2	1	0	0	2	3	0	0
STEPH	17	19	17	17	0	19	22	27	7	0	43	53	27	11	0
STPHA	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
STPHD	14	8	1	10	3	120	87	107	22	13	77	83	43	17	0
SYNCH	0	0	0	0	0	3	0	0	0	0	0	3	10	0	0
SYNEM	0	2	2	1	3	2	0	5	1	3	2	17	3	1	13
TABEL	13	34	23	58	160	127	150	143	33	43	127	150	130	96	53
ULOTH	1	4	7	20	27	27	13	13	11	0	12	13	7	9	0

	SK1 V					SK2 V					SK3 V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	3	0	2	1	0	0	5	5	0	0	10	5	3	0	0
ANASP	47	30	23	8	0	17	27	107	14	0	33	60	97	12	0
ANAST	0	7	2	6	0	3	3	2	1	0	2	2	3	1	0
APHAZ	20	20	17	2	0	13	13	37	13	0	37	37	53	12	0
APHMC	127	383	157	176	1173	353	243	353	219	120	390	327	290	307	880
APHNI	7	10	17	25	13	13	10	27	28	0	23	23	13	29	17
ASTRI	0	0	0	3	0	0	0	0	7	0	0	0	10	4	33
BOTRY	0	0	0	2	10	0	2	2	2	0	2	0	0	3	0
CHRCC	0	13	15	3	63	9	87	37	4	3	17	35	0	6	97
CHRML	2	30	9	4	147	27	39	92	13	103	17	39	53	29	370
COCCN	0	2	3	4	0	3	12	5	4	0	0	3	13	6	3
COELK	5	10	12	11	10	3	7	20	8	10	0	5	5	3	0
CRUCQ	0	0	0	0	13	0	2	0	0	0	0	0	0	10	0
CYCMH	0	2	2	2	7	2	3	2	5	13	0	2	0	7	10
DINOB	0	10	80	5	0	7	13	70	0	0	13	133	10	15	0
ELAKA	0	0	0	0	3	0	5	0	0	0	7	0	3	0	0
FRAGC	0	0	0	0	7	0	0	20	13	73	0	0	27	10	63
LYNGL	9	10	10	8	3	13	23	5	11	7	20	13	23	12	3
MALLO	2	7	10	25	23	9	5	23	10	7	3	20	5	21	13
MELOL	0	0	0	5	13	0	0	0	1	0	3	10	0	2	0
MELOS	0	33	107	99	13	13	43	103	58	57	63	43	57	83	140
NAVIC	0	5	7	2	0	2	3	2	0	3	0	2	0	1	3
NEPHR	0	7	13	5	0	0	27	33	6	0	0	0	30	0	0
OOCYS	2	15	15	7	77	13	2	17	11	23	12	20	37	11	60
PANDR	0	3	0	1	3	0	0	5	1	0	0	0	2	1	3
STAUR	0	0	2	1	0	0	1	3	1	0	2	1	0	2	0
STEPH	0	7	9	7	0	3	3	10	12	0	13	10	0	13	3
STPHD	0	0	0	17	23	0	3	10	9	3	9	7	20	13	37
SYNCH	0	0	0	0	17	7	0	0	0	0	0	0	0	0	7
SYNEM	3	0	2	1	10	9	13	13	1	0	2	5	3	7	17
TABEL	13	73	33	21	23	23	20	23	31	70	9	2	17	32	70
ULOTH	0	0	0	0	30	20	7	12	26	3	43	25	23	44	57

	SK1 W					SK2 W					SK3 W				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	80	73	48	22	11	63	69	49	3	1	50	66	67	26	5
ANASP	107	113	126	49	20	95	112	106	29	4	63	53	75	45	5
ANAST	0	134	15	11	0	22	21	18	0	0	40	9	12	2	0
APHAZ	250	147	150	50	13	297	113	222	19	0	236	167	199	79	4
APHMC	347	251	147	51	13	71	220	404	194	201	962	477	388	245	183
APHNI	70	43	50	19	17	23	57	30	34	31	153	76	110	41	28
ASTRI	1	5	1	7	0	0	0	1	1	2	0	0	0	0	3
BOTRY	5	7	0	0	0	0	3	0	5	18	0	0	0	0	0
CHRCC	10	5	11	4	0	4	40	36	20	12	90	25	55	12	8
CHRML	18	29	1	1	4	48	56	20	4	0	243	71	31	14	2
COCCN	0	3	4	8	1	0	0	0	1	1	3	0	0	0	0
COELK	36	56	10	0	6	27	46	39	31	14	23	25	28	14	9
CYCMH	1	0	2	2	9	0	1	2	4	4	0	3	2	1	2
DINOB	13	18	0	0	0	20	10	7	2	2	37	25	21	9	4
ELAKA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
FRAGC	29	15	16	13	2	8	17	4	8	10	23	23	17.	6	9
FRAGL	1	0	6	13	2	0	0	0	0	1	0	2	2	0	1
LYNGL	72	54	112	26	0	2	26	43	17	3	157	44	35	55	7
MALLO	0	4	5	0	0	0	17	0	0	0	0	22	0	0	0
MELOL	38	23	12	15	5	0	8	4	5	3	0	0	0	0	0
MELOS	9	0	21	13	7	0	0	0	0	0	3	32	5	3	14
NAVIC	11	2	5	5	1	0	1	2	1	0	7	1	2	1	1
PANDR	0	1	1	0	1	1	3	1	0	0	7	2	1	1	1
SPNDL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
STAUR	1	1	0	1	0	1	1	1	1	1	0	2	1	0	0
STEPH	17	12	13	7	7	2	10	8	4	3	7	9	9	4	4
STPHD	2	1	4	3	1	0	2	2	2	1	3	6	5	6	4
SYNEM	65	48	39	9	8	48	32	31	5	6	43	38	50	13	7
TABEL	2	4	0	11	15	0	3	4	6	10	7	3	7	5	15

	SK1 X					SK2 X					SK3 X				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	49	41	18	9	2	14	14	13	8	1	16	15	18	20	13
ANALV	0	0	0	0	0	0	17	0	2	0	0	0	0	0	0
ANASP	1	8	11	3	0	4	3	11	0	0	3	14	17	7	5
ANAST	75	97	33	43	5	76	47	64	68	5	117	87	76	106	15
APHAZ	91	114	80	62	11	115	95	81	81	31	67	55	57	98	31
APHMC	15	24	22	7	2	12	28	14	14	6	20	4	11	5	2
APHNI	35	5	30	3	0	30	10	10	10	0	15	15	120	30	0
ASTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
CHRML	7	9	11	10	0	3	6	0	7	1	9	11	17	4	4
COELK	0	0	3	0	0	0	1	1	0	2	0	3	1	0	1
CYCKU	0	2	3	0	0	2	1	0	0	0	1	0	0	0	0
DINOB	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
FRAGC	28	3	4	0	0	13	0	5	5	0	10	0	0	0	153
FRAGL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
LYNGL	23	24	21	13	1	12	28	27	14	7	20	25	32	20	10
MELOS	0	8	0	5	0	0	3	0	0	3	0	0	0	0	28
OSCLA	105	100	89	52	0	92	96	65	88	3	71	87	111	75	168
OSCLS	28	21	25	32	0	23	33	17	25	3	12	12	8	3	46
PANDR	0	0	1	1	0	1	0	0	0	1	1	0	0	1	0
STEPH	3	1	1	5	2	1	0	3	3	0	1	2	6	4	14
SYNEM	18	43	26	26	0	14	14	13	8	1	16	15	18	20	13
TRACH	3	4	3	4	1	2	2	1	2	1	3	5	2	7	0
ULOTH	3	0	3	5	0	13	4	4	0	10	5	10	11	0	28

	SK2 E				
	0	10	20	40	60
ANKLG	10	7	17	17	0
APHMC	13	7	20	0	20
ASTRI	290	390	466	523	487
BOTRY	10	10	17	23	10
CHRML	1092	1082	866	1109	440
COELK	13	0	0	0	0
CRUCQ	0	13	0	0	3
CYCKU	0	10	0	0	27
ELAKA	10	20	23	20	3
FRAGC	190	243	103	243	463
KIRCH	3	3	7	0	17
LYNGL	7	7	10	3	10
MALLO	3	0	7	13	17
MELOL	43	127	223	243	587
MELOM	7	37	47	47	17
NAVIC	0	0	0	0	10
NTZCH	3	7	0	3	3
OOCYS	0	3	0	13	13
OSCLS	17	53	30	27	0
SPHAE	3	0	0	23	3
SPNDL	3	0	0	10	0
STEPH	0	3	7	23	30
STPHA	0	3	0	0	3
STPHD	0	0	3	13	0
SYNEM	23	57	53	113	217
TABEL	0	13	13	13	0
ULOTH	7	0	0	0	0

STATION SK5

	5/10	5/29	6/12	6/25	7/10	7/23	8/ 4	8/20	9/ 4	10/23	11/19	12/17	2/17	3/25	4/20
TOTAL PHYTOPLANKTON															
0	1180	1566	137	39	544	4304	959	1258	548	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2270
10	845	1303	178	28	1201	2126	879	1586	597	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3072
20	903	1922	206	74	1543	2908	1221	1100	869	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3032
40	631	645	164	211	457	756	410	822	176	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4921
60	138	108	104	29	498	490	737	366	40	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1796
ALL	3697	5544	789	381	4243	10584	4206	5132	2230	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	15091
TOTAL BLUEGREENS															
0	0	285	22	0	164	3219	704	930	492	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30
10	0	277	11	19	266	1247	674	1030	554	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	100
20	0	121	8	54	327	1336	713	719	820	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	154
40	0	59	12	1	81	395	271	632	138	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	50
60	0	5	11	0	67	80	376	258	29	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	13
ALL	0	747	64	74	905	6277	2738	3569	2033	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	347
TOTAL GREENS															
0	436	0	0	0	97	88	10.7	7	4	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	105
10	442	0	0	0	197	89	23	5	6	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	179
20	154	0	0	0	140	78	63	0	1	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	171
40	0	0	0	0	45	37	25	3	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	102
60	0	0	0	0	39	44	16	3	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	70
ALL	1032	0	0	0	518	336	234	18	18	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	627
TOTAL DIATOMS															
0	740	1200	100	20	236	377	67	125	26	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	749
10	397	976	156	3	579	360	150	194	14	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1228
20	749	1760	189	6	986	785	223	95	19	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1076
40	631	564	136	208	303	217	105	83	20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2066
60	138	96	84	29	302	222	219	99	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	957
ALL	2655	4596	665	266	2406	1961	764	596	86	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6076
TOTAL PHYTOFLAGELLATES															
0	4	81	15	19	47	613	81	196	26	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1023
10	6	50	11	6	159	427	32	357	23	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1366
20	0	41	9	14	83	707	219	286	29	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1345
40	0	22	16	2	27	102	7	104	11	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2197
60	0	7	9	0	67	124	123	6	4	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	443
ALL	10	201	60	41	383	1973	462	949	93	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6374
TOTAL DOMINANTS															
0	224	1257	91	31	211	3299	612	695	36	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1596
10	238	978	131	6	515	1345	502	864	31	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2325
20	324	1729	153	14	600	1686	846	571	55	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2117
40	220	538	104	110	221	365	228	467	17	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3929
60	84	103	85	12	227	203	632	240	6	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1056
ALL	1090	4605	564	173	1774	6898	2820	2837	145	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	11023
APHMC															
0	0	0	0	0	157	2697	533	486	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3
10	0	0	0	0	243	913	470	470	8	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	10
20	0	0	0	0	317	970	470	283	21	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	20
40	0	0	0	0	80	260	218	350	11	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	67	70	373	186	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	0	0	864	4910	2064	1775	43	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	33
ASTRI															
0	184	936	40	0	17	2	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	543
10	208	808	72	0	13	12	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	862
20	264	1208	96	0	0	2	0	2	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	579
40	112	384	16	0	4	1	4	8	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	823
60	48	48	16	0	0	3	13	5	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	393
ALL	816	3384	240	0	34	20	17	15	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3200
CHRML															
0	4	81	10	15	37	47	39	173	26	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1013
10	6	50	11	6	53	30	9	327	21	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1353
20	0	41	9	14	73	187	33	256	26	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1325
40	0	22	16	2	26	33	3	76	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2194
60	0	7	9	0	60	117	123	1	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	433
ALL	10	201	55	37	249	414	207	833	79	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6318
DINOB															
0	0	0	5	4	0	553	40	23	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
10	0	0	0	0	83	390	20	27	2	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
20	0	0	0	0	0	487	183	30	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
40	0	0	0	0	0	65	3	26	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	0	0	0	5	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	5	4	83	1495	246	111	8	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
FRAGC															
0	36	240	36	12	0	0	0	13	10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	37
10	24	120	48	0	123	0	3	40	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	100
20	60	480	48	0	210	40	160	0	5	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	193
40	108	132	72	108	111	6	0	7	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	912
60	36	48	60	12	100	13	123	43	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	230
ALL	264	1020	264	132	544	59	286	103	15	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1472

	SK4 P					SK5 P					SK6 P				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ASTRI	96	160	176	88	32	184	208	264	112	48	192	160	216	184	40
CHLMY	28	106	136	0	1	436	442	154	0	0	765	512	114	7	5
CHRML	0	0	3	0	1	4	6	0	0	0	0	0	0	0	0
CYCKU	195	200	535	115	145	510	165	415	380	20	375	300	375	210	250
FRAGC	0	36	108	84	0	36	24	60	108	36	60	60	96	96	84
MELOM	0	10	20	10	30	10	0	10	10	20	0	10	20	20	30
STEPH	0	0	7	41	12	0	0	0	21	14	0	0	0	14	16

	SK4 Q					SK5 Q					SK6 Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANAST	98	30	84	12	7	56	64	14	15	4	37	32	26	22	0
ASTRI	904	856	952	208	88	936	808	1208	384	48	648	624	584	240	64
CHRML	49	34	45	12	4	81	50	41	22	7	53	84	39	17	6
FRAGC	252	156	276	84	36	240	120	480	132	48	84	156	132	264	24
FRAGL	0	12	24	12	0	24	48	72	48	0	12	12	60	0	0
LYNGL	0	0	0	0	0	8	2	0	0	0	0	0	0	0	0
OSCIL	176	160	160	32	7	221	211	107	44	1	126	105	67	27	5

	SK4 R					SK5 R					SK6 R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	0	21	0	3	0	0	0	5	0	0	7	0	0	0	0
ANAST	3	0	0	8	0	0	0	0	0	2	0	0	0	3	0
ASTRI	56	152	112	64	8	40	72	96	16	16	8	60	80	80	8
CHRML	12	24	4	13	1	10	11	9	16	9	3	8	35	36	8
DINOB	0	0	10	0	0	5	0	0	0	0	0	2	0	0	0
FRAGC	0	60	96	132	108	36	48	48	72	60	0	60	108	168	48
FRAGL	0	0	36	12	12	24	36	36	36	0	0	0	72	84	24
LYNGL	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
OSCIL	10	4	4	30	6	22	11	3	12	9	5	5	4	31	60
TABEL	0	0	0	18	0	0	0	9	12	8	3	2	12	27	0

	SK4 S					SK5 S					SK6 S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	2	19	0	0	0	0	9	0	0	0	0	3	6	0	0
ANACU	183	12	0	0	0	0	10	54	0	0	0	33	35	12	0
CHRML	13	5	11	2	0	15	6	14	2	0	7	2	6	1	0
DINOB	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
FRAGC	12	36	12	0	36	12	0	0	108	12	12	12	12	60	36
FRAGL	0	0	0	0	12	0	0	0	12	0	0	0	0	72	0
LYNGL	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSCIL	1	0	0	9	0	0	0	0	1	0	0	0	0	2	3
TABEL	0	2	10	21	0	8	3	6	68	17	0	4	0	27	3

	SK4 T					SK5 T					SK6 T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	173	83	0	0	0	0	20	0	0	0	7	80	73	0	0
ANAST	10	13	0	0	0	0	3	0	0	0	0	10	0	0	0
ANKLG	0	0	0	1	0	0	0	0	1	0	0	0	3	1	0
APHAZ	150	17	37	0	0	7	0	0	0	0	3	7	7	3	13
APHMC	563	267	243	24	0	157	243	517	80	67	483	730	353	72	67
APHNI	3	0	0	2	0	0	0	0	1	0	0	0	7	1	0
ASTRI	3	37	17	8	0	17	13	0	4	0	43	13	17	9	20
BOTRY	0	0	0	0	0	0	3	0	1	0	0	3	0	2	7
CHRCC	0	0	27	0	0	0	0	10	0	0	0	0	0	0	0
CHRML	200	163	120	24	57	37	53	73	26	60	13	33	97	50	57
COCCN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
COELK	10	7	7	0	0	0	0	0	0	0	0	0	7	0	0
CRUCQ	0	0	3	0	3	0	0	0	1	0	0	0	0	0	0
CYCKU	50	53	40	5	0	93	53	97	19	10	53	100	73	25	10
CYCMH	7	10	3	2	10	0	10	3	2	0	3	10	3	1	3
DINOB	30	47	93	6	0	0	83	0	0	0	0	107	83	0	10
ELAKA	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
FRAGC	7	0	140	86	33	0	123	210	111	100	0	233	43	41	290
FRAGL	0	0	147	3	0	0	0	0	10	0	0	0	0	0	0
LYNGL	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
MALLO	17	13	17	2	3	10	23	10	1	7	37	7	13	4	7
MELOL	0	0	0	9	3	0	0	7	0	23	0	0	0	0	10
MELOM	0	0	0	0	7	0	0	0	0	0	0	17	0	0	3
MELOS	137	210	177	45	0	0	20	200	83	40	87	23	87	58	33
NAVIC	0	0	0	1	3	3	0	0	0	3	3	0	7	1	0
NEPHR	3	27	77	2	0	67	67	70	9	0	27	93	33	4	0
OOCYS	63	50	30	9	0	7	63	40	11	33	83	120	93	21	0
PANDR	0	53	0	0	0	0	0	3	0	0	0	0	0	0	0
SCHRO	3	17	23	1	0	0	0	0	1	3	0	13	10	3	3
SPHAE	33	3	3	1	0	16	27	15	5	3	28	65	7	5	5
STAUR	0	2	0	0	0	0	0	5	0	0	3	0	7	0	0
STEPH	3	17	13	2	0	0	13	3	3	0	0	7	3	0	0
STPHA	0	7	0	3	0	3	0	13	0	3	0	0	0	1	3
STPHD	47	43	90	13	3	17	37	33	9	3	43	43	27	13	3
SYNCH	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0
SYNEM	23	3	3	4	10	10	3	7	1	0	7	7	0	0	3
TABEL	157	163	277	143	243	93	307	420	60	143	0	283	287	136	67
ULOTH	7	10	17	11	0	7	37	0	17	0	0	0	47	13	0

	SK4 U					SK5 U					SK6 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	127	90	100	7	0	267	107	190	9	0	177	150	113	8	0
ANASP	20	2	0	0	0	7	0	0	0	0	2	2	0	1	0
ANAST	2	5	0	0	0	0	13	2	0	0	20	63	37	7	0
APHAZ	27	60	210	19	0	157	77	153	71	3	57	133	67	7	0
APHMC	2503	220	763	148	210	2697	913	970	260	70	1515	1370	1217	315	27
APHNI	23	9	13	3	10	47	20	12	7	0	17	40	30	5	0
ASTRI	63	37	13	3	10	2	12	2	1	3	37	30	40	13	3
BOTRY	0	0	2	3	0	0	0	0	2	0	0	5	2	2	0
CHRCC	120	0	5	0	0	37	97	0	38	0	0	47	7	9	0
CHRML	113	7	26	27	180	47	30	187	33	117	242	205	222	23	10
COELK	2	0	3	2	0	7	0	2	2	0	0	0	4	0	0
CRUCI	0	0	12	0	0	7	12	3	0	0	0	7	3	0	0
CRUCQ	0	7	0	0	0	0	0	2	0	7	0	5	2	2	3
CYCKU	0	0	0	0	17	30	20	47	5	0	60	53	47	6	3
CYCMH	5	3	0	8	13	13	2	5	7	3	3	7	9	2	0
DINOB	660	547	240	45	0	553	390	487	65	0	477	700	577	44	20
ELAKA	0	0	0	0	0	0	0	0	0	3	0	7	0	0	0
FRAGC	57	23	13	18	33	0	0	40	6	13	10	2	103	6	57
FRAGL	0	13	7	11	30	17	7	0	15	27	57	5	10	1	0
LYNGL	0	0	10	5	0	0	13	5	4	7	20	23	10	0	0
MALLO	10	9	20	5	13	13	7	33	4	7	20	10	23	4	3
MELOL	0	0	0	2	30	7	3	0	5	13	7	0	0	0	0
MELOM	0	7	0	18	3	0	0	0	0	0	5	0	0	0	0
MELOS	173	227	123	73	20	163	210	343	69	110	173	303	143	91	13
NAVIC	5	2	0	2	0	0	2	3	2	0	13	0	0	7	0
NEPHR	0	0	1	67	0	0	0	2	1	3	17	0	7	2	0
OOCYS	97	10	33	22	7	47	43	40	20	20	60	37	53	24	0
PANDR	0	17	0	2	0	3	0	0	2	0	5	5	9	2	0
SPHAE	16	4	13	4	1	6	24	21	3	1	13	22	5	1	3
STAUR	1	2	1	1	0	2	3	0	1	0	0	2	2	1	0
STEPH	74	13	29	10	0	16	25	49	22	3	10	23	39	6	0
STPHA	0	0	0	0	3	0	0	3	3	0	0	7	5	3	0
STPHD	73	20	93	25	3	50	37	90	29	3	57	53	57	20	0
SYNCH	10	57	0	0	0	0	7	2	4	0	17	20	2	0	0
SYNEM	10	3	2	8	10	3	2	3	7	3	0	7	7	2	10
TABEL	90	100	40	58	133	83	43	200	51	57	90	97	67	28	97
ULOTH	27	27	80	8	0	23	7	12	8	17	10	20	0	43	67

	SK4 V					SK5 V					SK6 V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	170	160	160	21	0	40	97	97	8	0	103	157	67	12	30
ANASP	23	9	50	9	0	2	7	23	5	0	40	10	0	1	0
ANAST	5	9	2	3	0	20	3	3	4	0	7	13	5	0	0
APHAZ	17	12	23	10	0	20	17	20	6	3	5	12	27	3	0
APHMC	430	293	286	38	323	533	470	470	218	373	376	140	240	276	433
APHNI	3	23	20	16	40	33	20	37	12	0	27	17	13	14	0
ASTRI	0	0	0	1	17	0	0	0	4	13	9	0	12	1	0
BOTRY	0	0	0	2	7	0	2	0	3	3	0	0	3	1	0
CHRCC	42	20	97	0	0	0	33	27	3	0	33	0	10	35	73
CHRML	2	13	33	5	177	39	9	33	3	123	17	5	13	13	170
COCCN	0	9	10	1	0	2	3	3	4	0	3	2	3	3	0
COELK	5	5	13	0	0	13	7	10	2	0	3	9	3	4	0
CRUCO	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0
CYCMH	0	0	5	6	0	0	3	2	3	17	2	2	0	6	7
DINOB	7	2	60	5	7	40	20	183	3	0	60	273	27	1	0
ELAKA	0	0	0	0	0	0	0	0	0	3	0	0	0	1	7
FRAGC	0	33	0	3	87	0	3	160	0	123	12	37	20	19	10
FRAGL	0	0	0	0	30	0	63	0	0	0	0	0	0	0	0
LYNGL	3	13	12	13	0	43	20	23	13	0	23	27	37	4	0
MALLO	2	7	0	3	17	2	3	3	1	0	3	10	3	3	13
MELOL	5	0	3	7	17	0	0	3	0	3	0	2	5	5	23
MELOS	0	43	33	96	60	50	47	5	50	13	20	50	20	70	63
NAVIC	0	2	0	0	3	0	0	2	0	0	2	2	0	1	0
NEPHR	20	0	33	2	0	30	2	10	0	3	0	0	0	0	0
OOCYS	7	17	23	9	60	27	10	23	5	7	17	27	12	2	7
PANDR	0	0	0	1	0	0	2	0	0	0	2	3	2	2	0
STAUR	0	0	0	1	0	0	0	0	0	0	3	0	0	1	0
STEPH	3	7	5	5	3	7	8	14	7	0	30	3	18	13	0
STPHD	3	20	12	11	10	3	2	10	6	10	0	3	5	15	13
SYNCH	0	12	7	0	0	0	0	3	0	0	0	0	3	2	0
SYNEM	9	0	12	4	3	5	9	27	4	10	3	2	7	3	10
TABEL	37	40	20	24	60	0	12	0	27	33	63	20	23	34	63
ULOTH	5	30	22	39	7	50	7	30	17	0	7	20	43	14	7

	SK4 W					SK5 W					SK6 W				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	90	37	63	7	0	37	63	50	10	2	20	30	3	6	0
ANASP	113	47	73	14	4	57	93	83	25	5	130	90	73	7	4
ANAST	0	23	30	1	0	27	37	13	15	0	50	63	40	4	1
APHAZ	107	57	190	10	4	110	167	80	16	3	103	107	97	7	1
APHMC	589	753	549	386	247	486	470	283	350	186	406	356	396	173	143
APHNI	70	140	63	79	48	70	70	47	98	26	40	77	60	30	17
ASTRI	0	0	3	2	15	0	0	2	6	5	0	0	0	13	18
CHRCC	0	0	13	9	14	60	20	53	8	7	17	0	43	27	19
CHRML	123	103	167	41	4	173	327	256	76	1	97	413	500	18	10
COCCN	0	3	3	3	3	3	3	3	1	0	0	3	0	1	3
COELK	37	43	27	17	1	30	30	37	27	8	30	10	17	6	2
CYCMH	0	3	2	11	21	5	0	10	10	5	0	2	0	7	7
DINOB	30	12	20	8	4	23	27	30	26	5	17	27	20	13	6
ELAKA	0	0	0	0	0	0	0	0	0	0	10	3	27	0	0
FRAGC	2	12	0	23	13	13	40	0	7	43	0	30	0	33	27
FRAGL	0	0	0	1	3	0	2	0	0	0	0	0	0	3	0
LYNGL	50	97	60	58	35	53	80	73	83	21	73	127	123	51	13
MALLO	0	13	0	0	0	0	3	0	2	0	27	33	43	2	0
MELOL	27	3	13	10	18	0	0	0	0	0	2	5	2	13	24
MELOS	70	30	23	6	1	40	78	8	16	19	0	0	20	55	24
NAVIC	0	3	3	4	4	0	0	0	4	1	3	0	0	5	2
OOCYS	0	0	0	3	0	0	0	0	0	0	7	7	7	3	1
PANDR	0	0	0	1	0	0	2	0	1	0	0	2	2	1	0
SPNDL	0	2	2	2	0	0	0	0	1	0	0	0	0	0	0
STAUR	0	0	0	2	1	2	0	0	1	0	0	3	2	0	0
STEPH	6	12	15	7	3	2	8	7	1	6	0	4	5	5	5
STPHD	10	5	10	16	8	12	10	20	12	4	12	27	13	12	10
SYNEM	20	43	30	14	16	43	53	43	20	7	30	40	40	23	22
TABEL	0	2	0	5	11	7	0	2	4	9	3	0	7	10	15
ULOTH	0	5	10	11	22	5	3	0	0	3	53	70	0	12	10

	SK4 X					SK5 X					SK6 X				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	39	118	94	15	1	30	60	56	9	0	42	53	52	3	1
ANALV	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
ANASP	20	31	21	14	0	22	15	2	0	0	0	0	0	10	0
ANAST	150	274	128	72	1	123	106	135	31	4	150	142	111	31	3
APHAZ	44	132	50	59	12	37	39	38	55	22	61	46	55	81	11
APHMC	11	29	22	7	4	0	8	21	11	3	19	7	20	0	8
APHNI	45	970	45	10	0	200	210	480	15	0	600	280	510	20	0
CHRML	25	66	49	6	1	26	21	26	3	3	65	17	13	3	3
COELK	2	7	2	2	0	0	2	0	2	0	0	3	0	6	0
CYCKU	0	0	0	1	0	2	1	1	3	2	2	0	0	4	1
DINOB	2	0	1	2	0	0	2	3	3	0	2	3	0	0	0
FRAGC	0	0	0	0	0	10	0	5	0	0	15	10	0	0	0
LYNGL	39	100	43	7	0	28	26	34	9	0	33	26	22	4	2
OSCLA	86	211	105	25	0	52	68	54	6	0	51	66	81	15	0
OSCLS	0	44	25	5	0	0	0	0	0	0	0	0	3	0	0
PANDR	1	1	0	1	0	1	0	1	1	0	2	2	2	1	0
STEPH	12	8	6	3	3	1	1	1	0	2	2	2	1	1	0
SYNEM	20	43	22	18	4	13	12	12	17	3	14	8	12	16	5
TRACH	8	15	5	5	1	0	0	0	5	1	0	0	0	0	0
ULOTH	3	15	9	9	3	3	6	0	6	0	8	4	0	4	5

	SK5 E				
	0	10	20	40	60
ANKLG	43	40	50	33	0
APHMC	3	10	20	0	0
ASTRI	543	862	579	623	393
BOTRY	13	23	7	33	20
CHRCC	0	0	27	0	0
CHRML	1013	1353	1325	2194	433
COELK	0	3	0	7	0
CRUCO	27	3	3	0	3
CYCKU	3	7	3	7	27
ELAKA	23	13	60	13	7
FRAGC	37	100	193	912	230
FRAGL	0	0	17	17	0
KIRCH	13	43	27	13	23
LYNGC	0	0	30	0	0
LYNGL	0	0	0	10	0
MALLO	10	13	20	3	10
MELOL	336	196	283	506	310
MELOM	0	13	0	27	27
NAVIC	13	3	0	17	7
NTZCH	23	17	17	20	10
OOCYS	3	23	20	0	20
OSCLS	27	87	77	33	13
SPHAE	0	3	0	10	0
SPNDL	10	7	0	0	0
STEPH	3	10	20	23	13
STPHA	7	13	0	3	10
STPHD	0	3	7	23	0
SYNEM	97	133	187	167	237
TABEL	23	67	53	27	3
ULOTH	0	27	7	0	0

OSOYOOS LAKE — TEMPERATURE DEGREES CENTIGRADE

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	13.0	15.8		20.0	20.0	22.5	21.0	21.0	18.0						
10	12.4	15.3		20.0	20.0	20.5	20.8	20.5	18.0						
20	11.7	15.2		20.0	19.0	20.3	20.5	20.5	17.9						
40	10.0	12.2		11.5	12.5	15.0	16.0	17.8	17.6						
60	7.6	8.2		7.5	7.0	7.5	8.0	9.0	9.0						

TOTAL = 620.49 AVERAGE = 15.51
MINIMUM = 7.00 ON DATE 7/8 AT DEPTH 60
MAXIMUM = 22.50 ON DATE 7/22 AT DEPTH 00

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	13.5		22.0	20.0	20.0	23.0	20.8	20.0	18.0	11.3	8.0	5.2	2.0	3.0	8.5
10	12.3		18.0	20.0	20.0	20.8	20.5	20.2	18.0	11.0	8.0	4.8	1.6	2.8	8.0
20	11.7		16.0	20.0	19.5	20.0	20.2	20.2	17.8	10.8	8.0	4.3	1.4	2.8	7.2
40	10.3		12.0	11.0	13.0	14.0	15.5	17.0	17.0	10.8	8.0	4.2	1.3	2.8	6.5
60	8.0		7.0	7.5	7.5	7.5	8.5	8.0	8.4	10.2	8.0	4.2	1.3	2.8	6.0

TOTAL = 799.84 AVERAGE = 11.42
MINIMUM = 1.30 ON DATE 2/17 AT DEPTH 40
MAXIMUM = 23.00 ON DATE 7/22 AT DEPTH 00

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	14.0			20.0	20.0	24.8	21.0	20.2	16.0						
10	12.5			20.0	19.5	21.8	21.0	20.2	17.9						
20	11.5			20.0	19.0	20.8	20.5	20.2	17.8						
40	10.5			11.5	11.0	13.3	15.3	19.0	17.0						
60	9.5			7.0	7.5	8.0	8.5	8.2	9.2						

TOTAL = 556.37 AVERAGE = 15.89
MINIMUM = 7.00 ON DATE 6/23 AT DEPTH 60
MAXIMUM = 24.80 ON DATE 7/22 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	12.5	16.6		21.0	21.8	26.3	21.0	21.5	19.0						
10	13.0	16.7		21.0	20.1	22.3	21.5	21.2	18.2						
20	11.7	16.7		21.0	20.0	21.0	21.0	21.2	18.1						
40	9.5	10.8		12.0	11.3	13.0	15.0	17.8	17.8						
60	9.0	9.1		11.0	11.0	11.0									

TOTAL = 622.88 AVERAGE = 16.83
MINIMUM = 9.00 ON DATE 5/12 AT DEPTH 60
MAXIMUM = 26.30 ON DATE 7/22 AT DEPTH 00

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	17.7	16.8	18.0	21.0	20.0	24.0	21.0	22.0	18.0	11.8	8.3	3.4		4.0	9.4
10	14.0	16.8	18.0	21.0	20.3	22.0	21.5	21.5	18.5	11.6	8.0	3.2		4.2	8.7
20	12.0	16.7	16.0	21.0	20.0	21.0	21.2	21.2	18.2	11.6	7.8	3.0		4.3	8.5
40	9.7	10.5	12.0	12.0	11.4	13.0	16.0	17.5	18.0	11.6	7.8	3.0		4.2	8.3
60	8.5		10.0	10.0	10.3	10.8	12.0	12.8	13.5	11.4	7.8	3.0		4.2	7.8

TOTAL = 904.64 AVERAGE = 13.11
MINIMUM = 3.00 ON DATE 12/15 AT DEPTH 20
MAXIMUM = 24.00 ON DATE 7/22 AT DEPTH 00

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	18.3	16.7		22.0	20.0	24.5	21.5	21.0	19.5						
10	13.0	16.7		22.0	20.3	22.0	21.5	21.2	18.5						
20	11.7	16.3		21.0	20.0	21.3	21.5	21.0	18.2						
40	10.0	11.3		13.0	11.7	12.8	15.5	16.5	17.5						
60	8.5	10.0		11.5	11.0	10.8	12.0	12.8	13.8						

TOTAL = 668.59 AVERAGE = 16.71
MINIMUM = 8.50 ON DATE 5/12 AT DEPTH 60
MAXIMUM = 24.50 ON DATE 7/22 AT DEPTH 00

OSOYOOS LAKE — DISSOLVED OXYGEN MG PER L
(AT 20 DEGREES C SATURATION EQUAL 9 MG PER L
AT 10 DEGREES C SATURATION EQUAL 10.9 MG PER L)
OSOYOOS LAKE READINGS FOR 6/10, 6/23, 7/8
TAKEN AT 50 FT LEVEL

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	9.8	8.7	8.3	8.4	8.5	8.6	8.2	8.4	8.0						
10	15.0	8.9	8.2	8.3	8.5	8.3	8.2	8.1	7.7						
20	13.0	8.8	7.9	8.2	8.6	8.3	8.2	8.2	7.7						
40	9.7	8.6	7.3	7.8	7.3	5.7	6.0	5.8	7.5						
60	9.7	8.6	7.2			6.3	5.4	4.7	3.4						

TOTAL = 348.21 AVERAGE = 8.09
MINIMUM = 3.40 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 15.00 ON DATE 5/12 AT DEPTH 10

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	9.7		8.4	8.4	8.7	7.8	9.2	8.2	8.0	9.9	9.0	11.9	8.5	14.2	11.1
10	10.3		8.5	8.2	6.8	8.0	9.2	6.0	7.6	9.5	8.7	12.6	9.2	14.6	12.1
20	10.1		7.9	8.2	8.8	8.0	8.8	8.2	7.7	9.4	8.5	12.3	10.2	14.5	13.0
40	10.1		7.4	7.9	7.4	5.4	6.4	5.9	6.9	9.4	8.5	12.0	12.4	14.5	14.2
60	9.5		7.2			6.0	5.7	4.7	3.4	8.5	7.6	11.7	11.9	14.4	13.9

TOTAL = 637.33 AVERAGE = 9.37
MINIMUM = 3.40 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 14.60 ON DATE 3/25 AT DEPTH 10

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	9.4		8.3	8.6	8.4	7.6	8.3	8.1	8.2						
10	10.1		8.5	8.4	8.5	7.9	8.2	8.2	8.0						
20	10.0		8.0	8.3	8.9	8.1	7.9	8.2	8.0						
40	10.0		7.4	7.9	7.6	5.6	5.8	6.7	7.2						
60	9.9		7.3			6.0	5.1	4.7	3.7						

TOTAL = 297.38 AVERAGE = 7.82
MINIMUM = 3.70 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 10.10 ON DATE 5/12 AT DEPTH 10

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	9.3	9.1	8.6	8.2	7.8	7.8	8.2	7.8	7.8						
10	10.5	9.0	8.6	8.1	7.9	7.8	8.0	7.8	7.8						
20	11.0	9.1	8.0	6.0	8.0	7.7	7.6	7.8	7.4						
40	9.8	6.7	4.8	6.4	3.9	0.6	1.4	2.5	6.8						
60	9.2														

TOTAL = 276.98 AVERAGE = 7.48
MINIMUM = 0.60 ON DATE 7/22 AT DEPTH 40
MAXIMUM = 11.00 ON DATE 5/12 AT DEPTH 20

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	9.2	9.0	9.0	9.0	8.0	8.8	9.2	7.6	7.8	9.9	10.4	10.6		12.4	10.0
10	10.0	9.0	9.6	9.6	8.0	9.0	9.0	7.6	8.0	9.6	10.3	11.1		13.1	10.6
20	10.3	8.9	8.8	8.8	8.1	9.0	8.8	7.3	7.9	9.3	10.1	11.2		13.0	11.3
40	9.6	6.5	5.6	5.6	3.9	0.4	2.4	1.3	6.8	9.1	10.0	11.1		12.8	12.3
60	8.8					0.0	0.3	0.0	0.5	9.7	10.0	10.2		12.3	11.3

TOTAL = 559.02 AVERAGE = 8.47
MINIMUM = 0.00 ON DATE 7/22 AT DEPTH 60
MAXIMUM = 13.10 ON DATE 3/25 AT DEPTH 10

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	9.4	8.9	8.2	8.2	8.7	7.9	8.6	8.0	7.4						
10	10.2	8.9	8.5	8.5	8.9	8.1	7.9	7.9	7.5						
20	10.6	8.8	7.7	7.7	8.9	8.0	7.8	7.4	7.3						
40	10.0	6.6	4.6	4.6	3.7	0.6	1.9	0.8	4.8						
60	8.6	6.1				0.2	0.3	0.1	1.0						

TOTAL = 280.00 AVERAGE = 6.66
MINIMUM = 0.10 ON DATE 8/19 AT DEPTH 60
MAXIMUM = 10.60 ON DATE 5/12 AT DEPTH 20

OSOYOOS LAKE ELECTRICAL CONDUCTIVITY MICROMHOS

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	100.	120.	150.	115.	110.	140.	140.	120.	130.						
10	110.	120.	150.	110.	120.	140.	130.	120.	130.						
20	110.	120.	140.	110.	120.	140.	130.	120.	130.						
40	120.	120.	130.	90.	110.	140.	130.	120.	130.						
60	120.	120.	130.	80.	100.	120.	110.	100.	120.						

TOTAL = 5465.22 AVERAGE = 121.44
MINIMUM = 80.00 ON DATE 6/23 AT DEPTH 60
MAXIMUM = 150.00 ON DATE 6/10 AT DEPTH 00

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	120.	120.	140.	120.	120.	165.	140.	125.	130.	211.	189.	176.	165.		241.
10	120.	120.	120.	120.	120.	165.	140.	125.	130.	210.	189.	176.	170.		245.
20	120.	120.	120.	120.	120.	160.	135.	120.	140.	208.	189.	176.	166.		249.
40	130.	120.	110.	110.	110.	150.	125.	120.	130.	207.	187.	176.	167.		246.
60	120.	120.	130.	100.	100.	140.	110.	100.	120.	210.	188.	175.	167.		243.

TOTAL = 10566.32 AVERAGE = 150.94
MINIMUM = 100.00 ON DATE 6/23 AT DEPTH 60
MAXIMUM = 249.00 ON DATE 4/20 AT DEPTH 20

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	120.	120.	140.	120.	120.	170.	140.	125.	125.						
10	130.	120.	140.	120.	120.	165.	140.	125.	125.						
20	120.	120.	130.	120.	120.	160.	140.	125.	125.						
40	120.	120.	120.	100.	110.	140.	130.	125.	125.						
60	130.	120.	130.	100.	105.	130.	120.	105.	115.						

TOTAL = 5670.22 AVERAGE = 126.00
MINIMUM = 100.00 ON DATE 6/23 AT DEPTH 40
MAXIMUM = 170.00 ON DATE 7/22 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	150.	120.	140.	130.	110.	170.	155.	125.	135.						
10	160.	120.	140.	130.	130.	155.	140.	130.	135.						
20	150.	120.	130.	130.	130.	150.	150.	130.	135.						
40	150.	120.	130.	115.	120.	140.	140.	125.	135.						
60	150.	120.	130.	110.	110.	130.	140.								

TOTAL = 5765.21 AVERAGE = 134.07
MINIMUM = 110.00 ON DATE 7/8 AT DEPTH 00
MAXIMUM = 170.00 ON DATE 7/22 AT DEPTH 00

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	170.	130.	140.	130.	130.	160.	145.	135.	140.	206.	195.	170.			249.
10	160.	130.	130.	130.	130.	150.	140.	135.	140.	201.	191.	173.			252.
20	160.	130.	120.	130.	130.	150.	140.	130.	140.	201.	190.	170.			253.
40	150.	130.	110.	120.	120.	140.	135.	125.	140.	200.	190.	171.			251.
60	150.		110.	115.	130.	130.	130.	115.	140.	200.	190.	171.			252.

TOTAL = 10021.30 AVERAGE = 156.58
MINIMUM = 110.00 ON DATE 6/10 AT DEPTH 40
MAXIMUM = 253.00 ON DATE 4/20 AT DEPTH 20

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	160.	130.	140.	130.	130.	160.	145.	130.	145.						
10	170.	130.	140.	125.	125.	150.	145.	130.	145.						
20	160.	130.	130.	120.	130.	155.	145.	130.	140.						
40	150.	130.	120.	120.	120.	140.	140.	130.	140.						
60	150.	130.	130.	110.	120.	135.	130.	120.	140.						

TOTAL = 6125.22 AVERAGE = 136.11
MINIMUM = 110.00 ON DATE 6/23 AT DEPTH 60
MAXIMUM = 170.00 ON DATE 5/12 AT DEPTH 10

OSOYOOS LAKE TOTAL RESIDUE MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	114.	106.	102.	97.	114.	143.	133.	117.	150.						
10	117.	113.	102.	96.	98.	139.	126.	143.	134.						
20	118.	123.	109.	116.	124.	138.	123.	116.	156.						
40	112.	115.	115.	112.	102.	128.	120.	129.	119.						
60	121.	103.	136.	115.	116.	165.		128.	135.						

TOTAL = 5338.21 AVERAGE = 121.32
MINIMUM = 96.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 165.00 ON DATE 7/22 AT DEPTH 60

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	124.	104.	112.	85.	104.	125.	125.	132.	125.	158.	177.	159.	158.	149.	177.
10	120.	114.		75.	102.	143.	131.	154.	126.	158.	184.	166.	151.	179.	169.
20	124.	115.	114.	77.	103.	126.	137.	146.	153.	154.	226.	157.	156.	166.	151.
40	106.	128.	129.	83.	127.	131.	137.	153.	125.	155.	178.	156.	166.	155.	165.
60	117.	124.	122.		122.	146.	156.	134.	132.	153.		169.	148.	175.	169.

TOTAL = 10052.34 AVERAGE = 139.61
MINIMUM = 75.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 226.00 ON DATE 11/18 AT DEPTH 20

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	158.	110.	107.	100.	112.	127.	143.	126.	134.						
10	145.	113.	158.	104.	124.	119.	140.	132.	158.						
20	155.	128.	120.	114.	120.	133.	152.	115.	132.						
40	156.	131.	129.	114.	121.	136.	137.	129.	144.						
60	125.	132.		117.	122.	145.	124.	119.	116.						

TOTAL = 5676.21 AVERAGE = 129.00
MINIMUM = 100.00 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 158.00 ON DATE 5/12 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	142.	128.	100.	106.	119.	139.	154.	137.	127.						
10	142.	122.	115.	84.	116.	134.	141.	158.	136.						
20	149.	144.	111.	106.	117.	117.	155.	148.	145.						
40	126.	137.	126.	109.	123.	147.	138.	141.	180.						
60	323.	145.	193.	128.	134.	137.	144.								

TOTAL = 5924.21 AVERAGE = 137.77
MINIMUM = 84.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 323.00 ON DATE 5/12 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	157.	178.	121.	109.	138.	102.	130.	130.	147.	167.	173.	174.		155.	167.
10	125.	190.	122.	90.	128.	112.	130.	147.	135.	167.	179.	166.		153.	177.
20	125.	201.	135.	94.	127.	125.	131.	131.	150.	165.	176.	177.		160.	172.
40	135.	237.	138.	88.	139.	154.	138.	120.	136.	172.	170.	176.		154.	177.
60	132.		120.	107.	136.	160.	144.	139.	149.	170.	186.	177.		143.	179.

TOTAL = 10214.32 AVERAGE = 148.03
MINIMUM = 88.00 ON DATE 6/23 AT DEPTH 40
MAXIMUM = 237.00 ON DATE 5/30 AT DEPTH 40

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	120.	157.	117.	114.	134.	120.	128.	146.	134.						
10	129.	194.	132.	108.	140.	120.	134.	144.	150.						
20	132.	212.	123.	128.	131.	134.	134.	140.	133.						
40	132.	212.	144.	128.	130.	147.	150.	149.	159.						
60	130.	177.	154.	126.	145.	133.	156.	134.	143.						

TOTAL = 6337.22 AVERAGE = 140.82
MINIMUM = 108.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 212.00 ON DATE 5/30 AT DEPTH 20

OSOYOOS LAKE VOLATILE SOLIDS MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	114.0	91.0	61.0	13.0	61.0	21.0	41.0	33.0	29.0NNNNNNN						
10	100.0	104.0	54.0	5.0	56.0	29.0	48.0	26.0	27.0NNNNNNN						
20	96.0	102.0	64.0	6.0	71.0	23.0	40.0	29.0	53.0NNNNNNN						
40	71.0	102.0	38.0	17.0NNNNNNN		27.0	39.0	29.0	25.0NNNNNNN						
60	84.0	94.0	52.0	15.0	56.0	37.0NNNNNNN		38.0	29.0NNNNNNN						

TOTAL = 2150.21 AVERAGE = 50.00
MINIMUM = 5.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 114.00 ON DATE 5/12 AT DEPTH 00

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	99.0	111.0	24.0NNNNNNN		31.0	44.0	40.0	30.0	36.0	49.0	38.0	43.0	45.0	44.0	44.0
10	62.0	67.0NNNNNNN			39.0	36.0	28.0	40.0	41.0	56.0	36.0	29.0	62.0	28.0	38.0
20	80.0	66.0	22.0NNNNNNN		46.0	32.0	49.0	31.0	35.0	57.0	43.0	44.0	42.0	47.0	46.0
40	59.0	93.0	23.0NNNNNNN		54.0	36.0	46.0	46.0	25.0	56.0	47.0	47.0	51.0	49.0	42.0
60	56.0	76.0	15.0NNNNNNN		21.0	44.0	50.0	31.0	28.0	56.0NNNNNNN		37.0	58.0	30.0	60.0

TOTAL = 3116.33 AVERAGE = 45.82
MINIMUM = 15.00 ON DATE 6/10 AT DEPTH 60
MAXIMUM = 111.00 ON DATE 5/30 AT DEPTH 00

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	81.0	107.0	35.0	12.0	31.0	32.0	42.0	38.0	36.0NNNNNNN						
10	95.0	99.0	68.0	17.0	33.0	28.0	34.0	42.0	35.0NNNNNNN						
20	90.0	103.0	43.0	28.0	28.0	38.0	48.0	39.0	17.0NNNNNNN						
40	81.0	83.0	64.0	34.0	29.0	28.0	45.0	32.0	25.0NNNNNNN						
60	71.0	93.0NNNNNNN		27.0	22.0	27.0	45.0	37.0	26.0NNNNNNN						

TOTAL = 2068.21 AVERAGE = 47.00
MINIMUM = 12.00 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 107.00 ON DATE 5/30 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	91.0	92.0	30.0	0.0	33.0	50.0	39.0	31.0	22.0NNNNNNN						
10	87.0	34.0	46.0	0.0	21.0	43.0	53.0	39.0	25.0NNNNNNN						
20	84.0	33.0	40.0	0.0	28.0	42.0	51.0	35.0	26.0NNNNNNN						
40	83.0	28.0	45.0	0.0	19.0	35.0	54.0	37.0	38.0NNNNNNN						
60	128.0	32.0	44.0	28.0	34.0	39.0	53.0NNNNNNN								

TOTAL = 1772.21 AVERAGE = 41.21
MINIMUM = 0.00 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 128.00 ON DATE 5/12 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	77.0	77.0	54.0	17.0	51.0	48.0	52.0	26.0	44.0	50.0	35.0	45.0NNNNNNN		51.0	49.0
10	61.0	66.0	41.0	24.0	45.0	51.0	50.0	22.0	31.0	60.0	47.0	55.0NNNNNNN		55.0	63.0
20	72.0	150.0	59.0	20.0	59.0	45.0	62.0	27.0	40.0	38.0	45.0	35.0NNNNNNN		37.0	61.0
40	82.0	147.0	52.0	24.0	44.0	52.0	51.0	20.0	37.0	48.0	47.0	46.0NNNNNNN		51.0	61.0
60	95.0NNNNNNN		43.0	21.0	46.0	39.0	66.0	21.0	36.0	38.0	48.0	35.0NNNNNNN		40.0	44.0

TOTAL = 3431.33 AVERAGE = 49.72
MINIMUM = 17.00 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 150.00 ON DATE 5/30 AT DEPTH 20

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	91.0	62.0	52.0	47.0	42.0	30.0	69.0	28.0	34.0NNNNNNN						
10	45.0	89.0	52.0	44.0	59.0	33.0	71.0	32.0	42.0NNNNNNN						
20	43.0	108.0	50.0	47.0	51.0	57.0	64.0	21.0	39.0NNNNNNN						
40	58.0	81.0	36.0	41.0	43.0	48.0	72.0	32.0	49.0NNNNNNN						
60	56.0	84.0	64.0	42.0	55.0	60.0	71.0	35.0	30.0NNNNNNN						

TOTAL = 2359.22 AVERAGE = 52.42
MINIMUM = 21.00 ON DATE 8/19 AT DEPTH 20
MAXIMUM = 108.00 ON DATE 5/30 AT DEPTH 20

OSOYOOS LAKE PH METER READINGS

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.4	9.1	8.6	8.7	8.7	8.9	8.8	8.9	8.8NNNNNNN						
10	8.4	8.7	8.6	8.7	8.7	8.7	8.8	8.9	8.8NNNNNNN						
20	8.5	8.8	8.4	8.7	8.7	8.7	8.8	8.8	8.8NNNNNNN						
40	8.5	8.6	8.3	8.4	8.3	8.2	8.5	8.6	8.8NNNNNNN						
60	8.5	8.4	8.3	8.3	8.2	8.1	8.1	8.1	8.1NNNNNNN						

TOTAL = 385.92 AVERAGE = 8.57
MINIMUM = 8.10 ON DATE 7/22 AT DEPTH 60
MAXIMUM = 9.10 ON DATE 5/30 AT DEPTH 00

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.5	8.3	8.5	8.7	8.7	8.8	8.8	8.7	8.8	8.6	8.1	8.1	8.2	8.7	8.9
10	8.5	8.4	8.5	8.7	8.7	8.7	8.8	8.9	8.8	8.4	8.1	8.2	8.2	8.7	8.9
20	8.5	8.4	8.4	8.7	8.7	8.7	8.8	8.8	8.8	8.4	8.0	8.1	8.2	8.7	8.9
40	8.5	8.3	8.3	8.4	8.4	8.3	8.5	8.3	8.8	8.4	8.0	8.1	8.2	8.7	8.9
60	8.5	8.3	8.3	8.3	8.2	8.1	8.1	8.0	8.1	8.3	8.0	8.2	8.2	8.7	8.8

TOTAL = 635.57 AVERAGE = 8.47
MINIMUM = 8.00 ON DATE 11/18 AT DEPTH 20
MAXIMUM = 8.90 ON DATE 4/20 AT DEPTH 00

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.5	8.3	8.8	8.7	8.7	8.8	8.8	8.8	8.8NNNNNNN						
10	8.5	8.4	8.6	8.7	8.7	8.8	8.7	8.8	8.8NNNNNNN						
20	8.5	8.4	8.4	8.7	8.7	8.8	8.7	8.8	8.8NNNNNNN						
40	8.5	8.3	8.2	8.4	8.4	8.3	8.5	8.6	8.7NNNNNNN						
60	8.5	8.3	8.2	8.3	8.2	8.1	8.0	8.1	8.1NNNNNNN						

TOTAL = 383.92 AVERAGE = 8.53
MINIMUM = 8.00 ON DATE 8/5 AT DEPTH 60
MAXIMUM = 8.80 ON DATE 6/10 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	8.5	8.5	8.7	8.8	8.7	8.9	8.9	8.8	8.8NNNNNNN						
10	8.5	8.6	8.7	8.8	8.7	8.9	8.8	8.8	8.7NNNNNNN						
20	8.5	8.6	8.6	8.7	8.7	8.9	8.8	8.7	8.6NNNNNNN						
40	8.5	8.4	8.2	8.2	8.0	8.1	8.4	8.1	8.6NNNNNNN						
60	8.5	8.2	8.1	8.1	7.8	7.9	7.9NNNNNNN								

TOTAL = 366.41 AVERAGE = 8.52
MINIMUM = 7.80 ON DATE 7/8 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 7/22 AT DEPTH 00

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	8.5	8.5	8.7	8.7	8.7	8.9	8.8	8.8	8.8	8.5	8.4	8.5NNNNNNN		8.7	8.5
10	8.5	8.6	8.8	8.7	8.7	8.8	8.8	8.8	8.7	8.5	8.4	8.5NNNNNNN		8.7	8.5
20	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.8	8.7	8.4	8.3	8.4NNNNNNN		8.7	8.5
40	8.5	8.4	8.4	8.3	8.0	8.1	8.3	8.0	8.6	8.5	8.4	8.4NNNNNNN		8.7	8.5
60	8.5NNNNNNN		8.2	8.1	7.8	7.9	8.0	7.9	8.8NNNNNNN		8.5	8.4NNNNNNN		8.7	8.5

TOTAL = 579.23 AVERAGE = 8.51
MINIMUM = 7.80 ON DATE 7/8 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 7/22 AT DEPTH 00

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	8.5	8.6	8.7	8.7	8.7	8.8	8.9	8.8	8.7NNNNNNN						
10	8.5	8.6	8.8	8.8	8.7	8.8	8.9	8.8	8.7NNNNNNN						
20	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.8	8.7NNNNNNN						
40	8.5	8.4	8.3	8.3	8.0	8.0	8.3	8.0	8.6NNNNNNN						
60	8.5	8.3	8.2	8.1	7.9	7.8	8.0	7.9	8.1NNNNNNN						

TOTAL = 362.62 AVERAGE = 8.50
MINIMUM = 7.80 ON DATE 7/22 AT DEPTH 60
MAXIMUM = 8.90 ON DATE 8/5 AT DEPTH 00

OSOYOOS LAKE BICARBONATE ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	91.	72.	79.	76.	71.	90.	35.	68.						
10	NNNNNNN	109.	78.	69.	68.	51.	71.	67.	81.						
20	NNNNNNN	109.	78.	85.	72.	65.	88.	44.	76.						
40	NNNNNNN	122.	56.	76.	67.	62.	73.	57.	65.						
60	NNNNNNN	103.	79.	81.	67.	91.		55.	71.						

TOTAL = 2918.19 AVERAGE = 74.82
MINIMUM = 35.00 ON DATE 8/19 AT DEPTH 00
MAXIMUM = 122.00 ON DATE 5/30 AT DEPTH 40

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	91.	90.	73.	58.	76.	90.	43.	68.	86.	81.	110.	106.	102.	112.
10	NNNNNNN	122.	88.	83.	58.	77.	73.	55.	70.	90.	93.	110.	113.	106.	110.
20	NNNNNNN	116.	79.	87.	63.	73.	95.	58.	69.	84.	85.	107.	112.	105.	105.
40	NNNNNNN	109.	93.	66.	75.	73.	92.	67.	60.	93.	88.	110.	112.	107.	111.
60	NNNNNNN	116.	96.	95.	66.	97.	100.	54.	76.	84.	85.	112.	111.	101.	103.

TOTAL = 6224.34 AVERAGE = 86.91
MINIMUM = 43.00 ON DATE 8/19 AT DEPTH 00
MAXIMUM = 122.00 ON DATE 5/30 AT DEPTH 10

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	109.	81.	83.	62.	67.	70.	75.	73.						
10	NNNNNNN	116.	76.	83.	75.	56.	77.	73.	68.						
20	NNNNNNN	109.	91.	90.	69.	65.	79.	73.	70.						
40	NNNNNNN	122.	84.	72.	77.	67.	76.	89.	70.						
60	NNNNNNN	109.	74.	84.	80.	73.	92.	120.	54.						

TOTAL = 3253.19 AVERAGE = 81.32
MINIMUM = 54.00 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 122.00 ON DATE 5/30 AT DEPTH 40

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	98.	66.	74.	59.	85.	93.	59.	51.						
10	NNNNNNN	103.	90.	59.	70.	90.	94.	73.	66.						
20	NNNNNNN	116.	88.	47.	62.	86.	99.	54.	66.						
40	NNNNNNN	122.	94.	77.	71.	102.	95.	68.	63.						
60	NNNNNNN	116.	82.	99.	77.	91.	93.								

TOTAL = 3098.18 AVERAGE = 81.53
MINIMUM = 47.00 ON DATE 6/23 AT DEPTH 20
MAXIMUM = 122.00 ON DATE 5/30 AT DEPTH 40

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	98.	86.	72.	88.	90.	93.	59.	74.	95.	96.	110.	NNNNNNN	98.	108.
10	NNNNNNN	98.	75.	78.	82.	84.	76.	70.	60.	101.	69.	105.	NNNNNNN	104.	111.
20	NNNNNNN	107.	98.	87.	71.	85.	98.	77.	61.	96.	93.	106.	NNNNNNN	104.	112.
40	NNNNNNN	104.	95.	95.	93.	96.	84.	78.	57.	98.	90.	109.	NNNNNNN	100.	114.
60	NNNNNNN	NNNNNNN	85.	88.	90.	105.	83.	66.	65.	106.	77.	111.	NNNNNNN	103.	108.

TOTAL = 5777.31 AVERAGE = 90.27
MINIMUM = 57.00 ON DATE 9/5 AT DEPTH 40
MAXIMUM = 114.00 ON DATE 4/20 AT DEPTH 40

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	101.	81.	75.	81.	78.	84.	73.	71.						
10	NNNNNNN	104.	92.	54.	85.	72.	85.	63.	65.						
20	NNNNNNN	95.	82.	78.	84.	67.	88.	79.	55.						
40	NNNNNNN	104.	103.	64.	92.	73.	92.	78.	75.						
60	NNNNNNN	107.	101.	70.	98.	98.	85.	74.	73.						

TOTAL = 3299.19 AVERAGE = 82.47
MINIMUM = 54.00 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 107.00 ON DATE 5/30 AT DEPTH 60

OSOYOOS LAKE CARBONATE ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0						
10	NNNNNNN	0.0	0.0	1.2	0.0	1.5	1.2	0.0	0.0						
20	NNNNNNN	0.0	0.0	0.0	0.0	0.6	0.0	2.4	0.0						
40	NNNNNNN	0.0	3.6	0.0	1.2	0.6	0.9	1.2	0.0						
60	NNNNNNN	0.0	0.0	0.0	2.4	0.9		1.8	0.0						

TOTAL = 22.69 AVERAGE = 0.58
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 3.60 ON DATE 6/10 AT DEPTH 40

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	0.0	0.6	0.9	3.1	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	NNNNNNN	0.0	0.6	1.2	2.4	0.0	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	NNNNNNN	0.0	0.6	1.2	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	NNNNNNN	0.0	0.0	1.5	0.0	0.0	0.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
60	NNNNNNN	0.0	0.0	1.2	1.2	0.9	0.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL = 26.84 AVERAGE = 0.38
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 3.10 ON DATE 7/8 AT DEPTH 00

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	NNNNNNN	0.0	0.0	1.6	0.6	0.0	0.6	0.3	0.0						
10	NNNNNNN	0.0	1.2	0.0	0.0	1.8	2.4	0.3	0.0						
20	NNNNNNN	0.0	0.0	0.0	0.0	1.2	0.0	0.3	0.0						
40	NNNNNNN	0.0	0.0	1.2	0.0	0.0	1.2	0.0	0.0						
60	NNNNNNN	0.0	0.6	1.2	0.0	0.6	0.0	0.0	3.0						

TOTAL = 18.29 AVERAGE = 0.45
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 3.00 ON DATE 9/5 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	0.0	0.0	0.9	3.1	0.6	0.0	1.8	3.0						
10	NNNNNNN	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0						
20	NNNNNNN	0.0	1.2	0.9	1.8	0.6	0.0	1.5	0.6						
40	NNNNNNN	0.0	0.0	0.0	1.2	0.0	0.0	0.9	1.5						
60	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0								

TOTAL = 21.56 AVERAGE = 0.56
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 3.10 ON DATE 7/8 AT DEPTH 00

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	NNNNNNN	0.0	0.0
10	NNNNNNN	0.0	1.8	0.0	0.0	1.8	4.8	0.0	0.9	0.0	0.9	0.0	NNNNNNN	0.0	0.0
20	NNNNNNN	0.0	1.2	0.0	4.9	0.6	0.0	0.0	0.9	0.0	0.0	0.0	NNNNNNN	0.0	0.0
40	NNNNNNN	0.0	0.0	0.0	0.0	0.0	4.2	0.0	1.5	0.0	0.0	0.0	NNNNNNN	0.0	0.0
60	NNNNNNN	0.0	0.9	0.0	0.0	0.0	2.4	0.0	2.1	0.0	0.0	0.0	NNNNNNN	0.0	0.0

TOTAL = 30.42 AVERAGE = 0.46
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 4.90 ON DATE 7/8 AT DEPTH 20

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	NNNNNNN	0.0	2.4	0.0	0.0	0.0	0.0	0.9	0.0						
10	NNNNNNN	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0						
20	NNNNNNN	0.0	2.4	0.0	0.0	0.0	0.0	0.0	1.8						
40	NNNNNNN	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0						
60	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0						

TOTAL = 10.99 AVERAGE = 0.27
MINIMUM = 0.00 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 2.40 ON DATE 6/10 AT DEPTH 00

OSOYOOS LAKE CALCIUM ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	32.8	14.8	25.0	26.2	27.8	29.6	32.6	16.0	19.2						
10	32.8	19.1	24.2	28.6	27.8	32.0	24.5	23.2	26.4						
20	34.4	16.5	22.4	29.4	27.8	32.0	30.2	16.0	20.0						
40	32.0	16.5	24.2	26.2	31.9	33.5	23.7	19.2	17.6						
60	31.2	16.5	24.2	26.8	27.8	34.4	27.7	16.8	17.6						

TOTAL = 1139.32 AVERAGE = 25.31
MINIMUM = 14.80 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 34.40 ON DATE 5/12 AT DEPTH 20

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	32.0	20.0	32.2	23.2	22.1	33.5	24.0	17.6	16.8	20.8	17.6	35.2	26.2	27.2	40.9
10	33.6	20.0	33.0	20.0	24.6	29.6	21.6	18.4	19.2	24.8	22.4	32.0	27.8	30.4	41.6
20	32.8	20.8	32.2	24.0	25.4	28.8	24.8	19.2	17.6	21.6	24.0	25.6	27.8	27.2	34.4
40	31.2	20.8	36.3	16.8	27.0	27.2	28.0	16.8	20.8	24.8	27.2	35.2	28.6	28.8	27.8
60	30.4	21.7	32.2	28.8	23.8	34.4	28.8	17.6	20.0	20.8	21.6	34.4	26.2	28.8	31.1

TOTAL = 1972.76 AVERAGE = 26.30
MINIMUM = 16.80 ON DATE 9/5 AT DEPTH 00
MAXIMUM = 41.60 ON DATE 4/20 AT DEPTH 10

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	24.0	23.5	28.8	30.2	28.7	30.4	22.4	20.8	19.2						
10	25.6	20.0	25.6	26.8	26.2	24.0	23.2	23.2	20.8						
20	26.4	20.8	33.0	32.6	26.2	27.2	27.2	22.4	20.0						
40	27.2	22.6	28.0	24.5	26.2	28.8	21.6	28.0	20.0						
60	24.8	19.1	22.4	26.2	27.0	32.0	30.4	24.0	17.6						

TOTAL = 1129.82 AVERAGE = 25.10
MINIMUM = 17.60 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 33.00 ON DATE 6/10 AT DEPTH 20

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	28.8	16.7	24.2	27.6	24.6	28.0	29.6	16.0	19.2						
10	26.4	18.3	22.4	34.2	26.2	30.4	26.4	18.4	20.8						
20	28.8	20.0	21.6	25.2	28.7	27.2	28.8	18.4	20.0						
40	25.6	19.1	29.2	26.0	26.2	33.6	27.2	21.6	19.2						
60	30.4	18.3	22.4	30.8	25.4	31.2	27.2								

TOTAL = 1070.51 AVERAGE = 24.89
MINIMUM = 16.00 ON DATE 8/19 AT DEPTH 00
MAXIMUM = 34.20 ON DATE 6/23 AT DEPTH 10

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	28.0	21.8	30.0	30.0	29.6	31.2	28.0	18.4	22.4	23.2	20.0	35.2		23.2	31.9
10	28.8	24.4	27.4	24.4	32.0	28.8	24.8	20.0	19.2	24.8	24.0	36.0		25.6	38.4
20	32.0	24.4	28.3	26.8	24.8	29.6	31.2	21.6	17.6	24.0	25.6	36.0		27.2	36.8
40	33.6	28.6	30.8	30.0	32.0	31.2	23.2	24.8	17.6	24.8	23.2	35.2		25.6	40.9
60	31.2		30.8	25.2	24.8	30.4	24.8	25.6	20.0	27.2	19.4	33.6		28.0	33.5

TOTAL = 1893.73 AVERAGE = 27.44
MINIMUM = 17.60 ON DATE 9/5 AT DEPTH 20
MAXIMUM = 40.90 ON DATE 4/20 AT DEPTH 40

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	38.4	23.5	30.8	24.8	29.6	31.2	22.4	24.0	23.2						
10	33.6	26.1	32.4	28.8	30.4	26.4	24.0	28.8	19.2						
20	24.0	26.1	30.8	32.8	27.2	36.0	26.4	28.8	19.2						
40	30.4	26.9	27.4	28.8	28.8	30.2	28.0	27.2	24.8						
60	34.4	27.8	30.0	33.6	28.8	35.2	32.0	24.8	19.2						

TOTAL = 1267.42 AVERAGE = 28.16
MINIMUM = 19.20 ON DATE 9/5 AT DEPTH 10
MAXIMUM = 38.40 ON DATE 5/12 AT DEPTH 00

OSOYOOS LAKE CHLORIDE ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00		2.0	1.6	1.3	1.7	1.8	1.9	2.0	1.9						
10		2.1	1.6	1.4	1.9	2.0	1.7	1.9	1.8						
20		2.0	1.6	1.3	1.6	1.9	1.7	2.1	2.0						
40		1.9	1.4	1.3	2.0	1.8	1.6	1.9	1.7						
60		1.9	1.8	1.4	2.0	2.0	1.8	2.0	1.9						

TOTAL = 71.39 AVERAGE = 1.78
MINIMUM = 1.30 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 2.10 ON DATE 5/30 AT DEPTH 10

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00		1.7	1.7	1.8	1.7	1.8	1.9	1.9	2.0	2.2	2.0	2.1	2.2	2.2	1.9
10		1.7	1.6	1.8	1.7	1.9	1.7	1.9	2.0	2.0	1.9	2.2	2.3	2.2	1.9
20		1.6	1.6	1.9	1.8	1.9	1.7	1.9	2.1	2.1	1.9	2.0	2.1	2.0	1.9
40		1.6	1.6	1.9	1.8	1.8	1.7	2.0	2.0	2.1	2.0	2.2	2.1	2.2	1.9
60		2.0	1.7	2.0	1.9	1.9	1.8	1.9	2.1	1.9	2.0	2.2	2.2	2.0	1.8

TOTAL = 135.04 AVERAGE = 1.92
MINIMUM = 1.60 ON DATE 6/10 AT DEPTH 10
MAXIMUM = 2.30 ON DATE 2/17 AT DEPTH 10

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	2.0	2.0	1.5	1.3	1.9	1.7	1.8	2.1	2.1						
10	2.0	1.7	1.4	1.3	1.7	1.9	1.8	1.9	1.9						
20	2.0	1.7	1.7	1.4	1.8	1.9	1.8	1.8	2.0						
40	1.8	1.6	1.5	1.4	1.8	1.8	1.8	1.9	2.1						
60	1.8	1.7	1.5	1.4	1.9	2.0	1.9	1.9	2.0						

TOTAL = 80.12 AVERAGE = 1.78
MINIMUM = 1.30 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 2.10 ON DATE 8/19 AT DEPTH 00

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	2.0	2.1	1.6	1.8	1.9	1.6	1.8	2.0	2.2						
10	2.0	2.1	1.7	1.9	1.8	1.9	1.9	2.0	2.0						
20	1.6	2.0	1.6	1.9	1.8	1.9	1.7	2.1	2.1						
40	2.4	1.9	1.8	1.6	1.8	2.0	1.8	2.0	2.1						
60	1.8	1.7	1.9	1.8	2.0	1.8	2.0								

TOTAL = 81.61 AVERAGE = 1.89
MINIMUM = 1.60 ON DATE 6/10 AT DEPTH 00
MAXIMUM = 2.40 ON DATE 5/12 AT DEPTH 40

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	1.8	1.6	1.6	1.9	1.6	1.9	2.0	2.1	2.0	2.2	1.6	1.9		2.1	1.9
10	1.8	1.9	1.8	1.9	1.9	1.8	2.0	2.0	2.0	2.2	2.1	1.9		2.3	1.9
20	2.0	2.4	1.7	1.8	1.9	1.8	1.8	1.9	2.1	2.1	2.0	2.0		2.2	2.0
40	1.8	2.3	1.9	2.0	1.9	1.9	2.0	1.9	1.9	2.1	2.1	2.2		2.1	2.0
60	1.6			2.0	1.9	2.3	2.0	2.0	2.0	2.0	2.1	1.9		2.1	2.0

TOTAL = 133.93 AVERAGE = 1.96
MINIMUM = 1.60 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 2.40 ON DATE 5/30 AT DEPTH 20

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	2.0	2.3	1.7	1.7	1.6	1.6	2.0	2.1	2.1						
10	1.8	2.3	1.6	1.3	2.0	1.6	1.9	2.0	2.1						
20	1.8	2.2	1.4	1.5	1.6	1.8	1.8	1.8	2.0						
40	1.6	2.3	1.8	1.4	2.0	1.8	2.0	2.0	1.9						
60	1.8	2.6	1.8	1.6	2.1	1.7	1.9	2.0	2.1						

TOTAL = 84.62 AVERAGE = 1.88
MINIMUM = 1.30 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 2.60 ON DATE 5/30 AT DEPTH 60

OSOYOOS LAKE MAGNESIUM ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.1	7.7	11.7	9.9	8.4	8.7	8.6	8.5	9.4	N	N	N	N	N	N
10	7.6	7.6	11.4	8.3	8.1	5.3	7.8	8.5	9.4	N	N	N	N	N	N
20	7.8	7.8	11.6	9.2	8.6	5.9	8.7	8.8	9.4	N	N	N	N	N	N
40	8.6	8.4	11.6	9.2	6.1	5.7	8.9	8.5	9.4	N	N	N	N	N	N
60	9.3	9.1	12.9	9.3	6.2	9.1	9.1	8.7	9.7	N	N	N	N	N	N

TOTAL = 392.82 AVERAGE = 8.72
MINIMUM = 5.30 ON DATE 7/22 AT DEPTH 10
MAXIMUM = 12.90 ON DATE 6/10 AT DEPTH 60

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.2	7.8	7.9	9.2	8.2	6.0	8.2	8.5	9.6	9.1	9.9	9.2	7.3	10.7	10.2
10	7.9	9.0	8.7	10.1	8.1	8.5	8.6	10.1	9.6	8.1	9.8	9.1	10.7	10.8	10.3
20	7.9	7.8	8.1	9.8	4.5	5.3	8.7	8.9	9.4	9.2	10.0	9.1	6.7	9.7	10.2
40	8.5	8.4	8.7	9.4	6.8	5.3	8.6	8.6	9.8	8.5	9.6	9.1	10.8	5.6	10.2
60	9.0	9.3	10.0	12.9	6.8	6.2	9.1	8.8	9.5	8.8	9.7	9.1	10.7	10.7	10.2

TOTAL = 663.77 AVERAGE = 8.85
MINIMUM = 4.50 ON DATE 7/8 AT DEPTH 20
MAXIMUM = 12.90 ON DATE 6/23 AT DEPTH 60

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	6/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	8.8	7.9	7.9	9.2	7.3	6.2	8.2	8.8	9.4	N	N	N	N	N	N
10	8.5	7.9	7.5	9.9	8.7	4.5	9.4	9.2	9.4	N	N	N	N	N	N
20	8.8	7.9	8.2	9.1	7.0	5.1	9.7	9.2	9.3	N	N	N	N	N	N
40	9.3	8.3	8.1	7.9	8.6	5.9	8.8	9.5	9.5	N	N	N	N	N	N
60	9.4	8.0	9.4	10.1	9.3	5.7	9.2	9.5	9.5	N	N	N	N	N	N

TOTAL = 379.22 AVERAGE = 8.42
MINIMUM = 4.50 ON DATE 7/22 AT DEPTH 10
MAXIMUM = 10.10 ON DATE 6/23 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	10.6	8.6	12.0	9.0	6.8	6.3	8.8	9.5	9.2	N	N	N	N	N	N
10	9.1	8.8	12.9	7.7	8.6	8.7	8.8	9.5	9.2	N	N	N	N	N	N
20	9.7	8.5	12.3	8.2	8.8	8.5	8.7	9.4	9.2	N	N	N	N	N	N
40	10.3	9.7	15.7	8.3	9.4	9.0	8.9	9.4	9.4	N	N	N	N	N	N
60	9.8	9.7	14.5	9.3	9.7	9.2	9.1	N	N	N	N	N	N	N	N

TOTAL = 409.01 AVERAGE = 9.51
MINIMUM = 6.30 ON DATE 7/22 AT DEPTH 00
MAXIMUM = 15.70 ON DATE 6/10 AT DEPTH 40

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	9.7	9.0	12.5	8.0	8.8	7.4	8.7	9.2	9.4	8.8	9.7	10.4	N	6.8	10.5
10	9.9	8.1	11.7	8.3	8.4	8.4	8.9	9.3	9.8	8.8	10.2	10.7	N	8.2	10.4
20	10.0	9.4	11.7	8.2	8.5	8.4	8.7	9.2	9.6	9.0	10.0	10.5	N	9.7	10.3
40	9.5	10.1	13.8	9.1	9.4	9.4	9.0	9.3	9.4	9.1	10.0	10.4	N	5.1	10.4
60	9.7	N	14.8	9.2	10.3	9.4	10.0	9.7	10.2	8.9	10.8	10.5	N	11.5	10.4

TOTAL = 663.24 AVERAGE = 9.61
MINIMUM = 5.10 ON DATE 3/25 AT DEPTH 40
MAXIMUM = 14.80 ON DATE 6/10 AT DEPTH 60

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	9.7	10.2	13.4	8.2	9.5	6.1	8.7	9.3	9.8	N	N	N	N	N	N
10	9.7	9.1	12.6	8.6	9.2	6.3	10.2	9.3	10.2	N	N	N	N	N	N
20	10.3	9.9	13.5	10.0	8.6	8.4	9.2	9.3	9.7	N	N	N	N	N	N
40	9.9	9.8	14.3	10.1	9.5	8.8	10.0	9.4	9.6	N	N	N	N	N	N
60	10.4	9.4	14.9	9.5	10.0	7.8	9.3	9.8	9.5	N	N	N	N	N	N

TOTAL = 441.22 AVERAGE = 9.80
MINIMUM = 6.10 ON DATE 7/22 AT DEPTH 00
MAXIMUM = 14.90 ON DATE 6/10 AT DEPTH 60

OSOYOOS LAKE SILICATE ION (SIO2) MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	4.3	4.2	5.8	3.0	5.3	6.0	5.0	4.7	4.6	N	N	N	N	N	N
10	5.0	5.2	5.6	4.8	5.5	5.6	5.3	5.0	4.8	N	N	N	N	N	N
20	4.6	4.8	5.3	4.1	5.5	5.9	4.9	4.9	4.8	N	N	N	N	N	N
40	2.9	4.4	4.7	4.1	5.6	6.4	4.9	5.1	4.7	N	N	N	N	N	N
60	2.3	3.4	3.4	4.0	5.4	5.3	5.1	5.7	6.1	N	N	N	N	N	N

TOTAL = 218.42 AVERAGE = 4.85
MINIMUM = 2.30 ON DATE 5/12 AT DEPTH 60
MAXIMUM = 6.40 ON DATE 7/22 AT DEPTH 40

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	3.5	5.1	5.2	5.9	5.6	5.1	5.5	5.0	5.0	6.0	6.2	5.7	6.2	3.7	0.4
10	4.1	4.8	5.2	5.9	5.5	4.9	4.7	6.0	4.9	6.3	6.3	5.9	6.2	3.6	0.4
20	3.4	4.3	5.2	5.6	6.5	4.7	4.7	5.4	5.1	6.2	6.3	6.1	6.3	3.8	0.3
40	3.1	4.1	4.6	5.1	6.0	4.2	4.8	5.1	5.0	5.3	6.3	6.8	6.3	3.6	0.4
60	2.1	2.9	3.5	4.9	5.5	5.6	5.1	5.5	6.1	5.8	6.0	6.5	6.3	3.6	0.4

TOTAL = 363.57 AVERAGE = 4.84
MINIMUM = 0.30 ON DATE 4/20 AT DEPTH 20
MAXIMUM = 6.80 ON DATE 12/15 AT DEPTH 40

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	4.7	3.7	5.3	4.6	5.6	5.5	4.9	5.0	5.0	N	N	N	N	N	N
10	5.0	5.2	5.2	2.8	5.5	6.6	5.3	4.5	5.0	N	N	N	N	N	N
20	5.0	5.0	5.2	4.2	5.6	6.2	5.8	4.5	5.1	N	N	N	N	N	N
40	4.5	4.7	4.8	4.3	5.3	6.1	4.9	5.4	5.0	N	N	N	N	N	N
60	3.4	2.4	3.7	4.1	4.9	6.0	4.8	8.4	5.9	N	N	N	N	N	N

TOTAL = 224.82 AVERAGE = 4.99
MINIMUM = 2.40 ON DATE 5/30 AT DEPTH 60
MAXIMUM = 8.40 ON DATE 8/19 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	2.6	3.2	5.2	4.6	6.7	5.1	6.0	5.7	6.3	N	N	N	N	N	N
10	2.9	3.2	4.8	5.2	5.6	5.1	5.8	5.7	6.3	N	N	N	N	N	N
20	2.4	3.1	4.4	5.2	5.7	6.4	5.9	5.8	6.6	N	N	N	N	N	N
40	3.3	3.9	6.5	5.6	8.1	8.3	7.0	8.0	6.7	N	N	N	N	N	N
60	6.2	5.4	6.3	6.5	9.5	9.5	9.7	N	N	N	N	N	N	N	N

TOTAL = 246.21 AVERAGE = 5.72
MINIMUM = 2.40 ON DATE 5/12 AT DEPTH 20
MAXIMUM = 9.70 ON DATE 8/5 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	2.8	4.3	4.5	5.2	6.0	6.2	5.7	6.1	6.7	6.4	5.7	5.2	N	4.1	3.2
10	2.6	4.1	4.9	5.0	4.8	6.2	5.7	6.0	6.9	6.4	5.6	5.2	N	4.4	3.4
20	2.0	4.8	7.0	5.2	4.7	5.5	5.7	6.0	6.8	6.0	5.5	5.2	N	4.5	3.3
40	1.8	4.8	3.6	6.0	5.8	8.7	7.7	8.8	6.6	6.7	N	5.7	N	4.7	3.3
60	2.7	N	7.4	7.2	9.8	9.7	10.6	10.2	7.0	6.7	N	5.9	N	4.4	3.6

TOTAL = 375.23 AVERAGE = 5.60
MINIMUM = 1.80 ON DATE 5/12 AT DEPTH 40
MAXIMUM = 10.60 ON DATE 8/5 AT DEPTH 60

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	1.8	4.3	5.3	3.5	6.0	6.3	7.2	6.1	6.9	N	N	N	N	N	N
10	1.9	4.1	4.7	3.3	4.8	6.4	7.3	5.8	7.4	N	N	N	N	N	N
20	1.9	4.1	4.4	3.2	4.8	6.1	6.8	5.9	7.1	N	N	N	N	N	N
40	2.4	5.1	3.4	3.3	7.6	9.5	8.3	8.2	7.3	N	N	N	N	N	N
60	3.7	5.4	3.7	5.1	7.2	10.6	10.4	10.1	6.7	N	N	N	N	N	N

TOTAL = 255.62 AVERAGE = 5.68
MINIMUM = 1.80 ON DATE 5/12 AT DEPTH 00
MAXIMUM = 10.60 ON DATE 7/22 AT DEPTH 60

OSOYOOS LAKE SULPHATE ION MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00			22.		16.		24.		25.						
10			23.		16.		26.		24.						
20			23.		17.		26.		26.						
40			24.				26.		24.						
60					38.				25.						

TOTAL = 405.08 AVERAGE = 23.82
MINIMUM = 16.00 ON DATE 7/8 AT DEPTH 00
MAXIMUM = 38.00 ON DATE 7/8 AT DEPTH 60

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00			21.		25.		22.		24.		28.		29.		27.
10			21.		18.		22.		26.		28.		28.		26.
20			20.		30.		24.		26.		27.		28.		28.
40			22.		14.		24.		26.		27.		28.		26.
60			25.		37.		24.		24.		28.		27.		27.

TOTAL = 887.17 AVERAGE = 25.34
MINIMUM = 14.00 ON DATE 7/8 AT DEPTH 40
MAXIMUM = 37.00 ON DATE 7/8 AT DEPTH 60

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00					13.		22.		25.						
10					12.		28.		25.						
20					17.		27.		24.						
40					21.		23.		26.						
60			32.		35.		24.		24.						

TOTAL = 378.07 AVERAGE = 23.62
MINIMUM = 12.00 ON DATE 7/8 AT DEPTH 10
MAXIMUM = 35.00 ON DATE 7/8 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00			23.		20.		22.		26.						
10			24.		11.		25.		26.						
20			26.		18.		26.		27.						
40			30.		35.		24.		25.						
60			34.		37.		25.								

TOTAL = 484.09 AVERAGE = 25.47
MINIMUM = 11.00 ON DATE 7/8 AT DEPTH 10
MAXIMUM = 37.00 ON DATE 7/8 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00			23.		24.		24.		26.		29.			27.	29.
10			25.		25.		24.		27.		29.			26.	29.
20			26.		25.		25.		26.		28.			26.	28.
40			27.		25.		25.		26.		28.			26.	29.
60					25.		25.		26.		29.			26.	29.

TOTAL = 897.16 AVERAGE = 26.38
MINIMUM = 23.00 ON DATE 6/10 AT DEPTH 00
MAXIMUM = 29.00 ON DATE 11/18 AT DEPTH 00

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00			24.		25.		24.		25.						
10			24.		25.		29.		26.						
20			25.		25.		25.		25.						
40			28.		24.		25.		25.						
60			29.		27.		24.		23.						

TOTAL = 507.09 AVERAGE = 25.35
MINIMUM = 23.00 ON DATE 9/5 AT DEPTH 60
MAXIMUM = 29.00 ON DATE 8/5 AT DEPTH 10

OSOYOOS LAKE AMMONIA-NITROGEN MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.04	0.06	0.04	0.03	0.06	0.04	0.04	0.09	0.04						
10	0.03	0.06	0.07	0.03	0.05	0.10	0.04	0.06	0.05						
20	0.03	0.06	0.06	0.02	0.05	0.03	0.05	0.04	0.06						
40	0.04	0.04	0.03	0.02	0.05	0.04	0.05	0.06	0.04						
60	0.07	0.05	0.03	0.02	0.04	0.03		0.04	0.04						

TOTAL = 2.23 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 6/23 AT DEPTH 20
MAXIMUM = 0.10 ON DATE 7/22 AT DEPTH 10

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.03	0.04	0.03	0.03	0.05	0.07	0.04	0.05	0.04	0.05	0.07	0.04	0.05	0.05	0.07
10	0.03	0.03	0.03	0.02	0.04	0.03	0.04	0.04	0.05	0.06	0.06	0.04	0.05	0.05	0.05
20	0.03	0.04	0.04	0.02	0.04	0.05	0.03	0.04	0.04	0.05	0.06	0.04	0.05	0.05	0.06
40		0.05	0.02	0.02	0.04	0.03	0.04	0.04	0.05	0.05	0.06	0.03	0.05	0.05	0.05
60	0.04	0.05	0.03	0.02	0.04	0.04	0.03	0.04	0.04	0.05	0.06	0.04	0.05	0.04	0.05

TOTAL = 3.53 AVERAGE = 0.04
MINIMUM = 0.02 ON DATE 6/23 AT DEPTH 10
MAXIMUM = 0.07 ON DATE 7/22 AT DEPTH 00

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.05	0.06	0.04	0.02	0.04	0.07	0.05	0.05	0.04						
10	0.04	0.05	0.04	0.02	0.05	0.05	0.04	0.04	0.05						
20	0.05	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.05						
40	0.04	0.05	0.04	0.02	0.04	0.04	0.05	0.04	0.05						
60	0.03	0.05		0.03	0.04	0.05	0.04	0.12	0.04						

TOTAL = 2.15 AVERAGE = 0.04
MINIMUM = 0.02 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 0.12 ON DATE 8/19 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.03	0.04	0.03	0.05	0.04	0.06	0.04	0.06	0.05						
10	0.02	0.04	0.06	0.03	0.04	0.05	0.05	0.04	0.05						
20	0.02	0.04	0.03	0.05	0.04	0.05	0.04	0.04	0.05						
40	0.03	0.05	0.05	0.05	0.04	0.05	0.05	0.09	0.05						
60	0.15	0.08	0.08	0.04	0.04	0.07	0.06								

TOTAL = 2.33 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 5/12 AT DEPTH 10
MAXIMUM = 0.15 ON DATE 5/12 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.06	0.04	0.04	0.03	0.04	0.05	0.05	0.04	0.05	0.04	0.07	0.06		0.05	0.07
10	0.02	0.03	0.04	0.04	0.04	0.04	0.05	0.06	0.05	0.04	0.06	0.05		0.05	0.05
20	0.02	0.04	0.04	0.03	0.04	0.05	0.05	0.04	0.07	0.04		0.05		0.05	0.05
40	0.05	0.03	0.04	0.03	0.04	0.05	0.05	0.05	0.06	0.04		0.05		0.05	0.05
60	0.08		0.10	0.03	0.04	0.06	0.10	0.13	0.19	0.05		0.05		0.05	0.06

TOTAL = 3.73 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 5/12 AT DEPTH 10
MAXIMUM = 0.19 ON DATE 9/5 AT DEPTH 60

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.04	0.04	0.03	0.04	0.05	0.06	0.05	0.12	0.05						
10	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06						
20	0.04	0.03	0.03	0.03	0.04	0.05	0.05	0.04	0.05						
40	0.05	0.05	0.09	0.04	0.04	0.05	0.06	0.05	0.06						
60	0.08	0.09	0.15	0.04	0.03	0.05	0.09	0.13	0.17						

TOTAL = 2.77 AVERAGE = 0.06
MINIMUM = 0.03 ON DATE 6/10 AT DEPTH 00
MAXIMUM = 0.17 ON DATE 9/5 AT DEPTH 60

OSOYOOS LAKE — NITRATE-NITROGEN MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.08	0.02	0.05	0.02		0.02	0.03	0.01	0.02						
10	0.09	0.01	0.03	0.03		0.01	0.02	0.01	0.02						
20	0.05	0.02	0.06	0.02		0.01	0.02	0.03	0.02						
40	0.05	0.01	0.10	0.04		0.02	0.03	0.02	0.02						
60	0.03	0.01	0.11	0.12		0.15	0.13	0.17	0.18						

TOTAL = 2.08 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 8/19 AT DEPTH 00
MAXIMUM = 0.18 ON DATE 9/5 AT DEPTH 60

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.05	0.01	0.03	0.02		0.02	0.01	0.01	0.02	0.02	0.07	0.11	0.11	0.02	0.01
10	0.05		0.04	0.01		0.02	0.01	0.01	0.02	0.02	0.07	0.11	0.11	0.04	0.01
20	0.05	0.02	0.04	0.01		0.02	0.02	0.01	0.02	0.02	0.08	0.11	0.11	0.03	0.02
40	0.03	0.02	0.05	0.03		0.03	0.02	0.02	0.02	0.03	0.06	0.13	0.11	0.04	0.01
60	0.03	0.01	0.09	0.05	0.11	0.14	0.14	0.16	0.19	0.03	0.06	0.11	0.11	0.02	0.02

TOTAL = 3.66 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 5/30 AT DEPTH 00
MAXIMUM = 0.19 ON DATE 9/5 AT DEPTH 60

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.05	0.02	0.02	0.03	0.02	0.01	0.02	0.02	0.02						
10	0.05	0.01	0.03	0.03	0.02	0.01	0.01	0.01	0.01						
20	0.04	0.01	0.03	0.02	0.02	0.02	0.02	0.02	0.02						
40	0.04	0.01	0.04	0.08	0.05	0.03	0.02	0.02	0.01						
60	0.04	0.01	0.09	0.10	0.12	0.10	0.13	0.17	0.15						

TOTAL = 2.02 AVERAGE = 0.04
MINIMUM = 0.01 ON DATE 7/22 AT DEPTH 00
MAXIMUM = 0.17 ON DATE 8/19 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.01	0.01	0.05	0.02	0.01	0.02	0.02	0.02	0.02						
10	0.03	0.01	0.05	0.03	0.02	0.02	0.02	0.02	0.02						
20	0.02	0.01	0.02	0.03	0.02	0.02	0.02	0.02	0.02						
40	0.01	0.01	0.01	0.04	0.06	0.06	0.03	0.03	0.02						
60	0.02	0.02	0.02	0.06	0.09	0.11	0.03								

TOTAL = 1.41 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 5/12 AT DEPTH 00
MAXIMUM = 0.11 ON DATE 7/22 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.05	0.03		0.01	0.02
10	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.01	0.02	0.05	0.03		0.02	0.02
20	0.01	0.02	0.02	0.04	0.05	0.02	0.02	0.03	0.01	0.02	0.05	0.03		0.01	0.02
40	0.01	0.02	0.01	0.04	0.10	0.07	0.02	0.04	0.02	0.02	0.05	0.03		0.01	0.02
60	0.02		0.02	0.07	0.15	0.12	0.05	0.03	0.01	0.03	0.05	0.03		0.03	0.01

TOTAL = 2.40 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 8/5 AT DEPTH 00
MAXIMUM = 0.15 ON DATE 7/8 AT DEPTH 60

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.01	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02						
10	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.02	0.01						
20	0.01	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02						
40	0.02	0.03	0.02	0.03	0.09	0.05	0.02	0.03	0.01						
60	0.01	0.01	0.02	0.09	0.12	0.08	0.04	0.03	0.01						

TOTAL = 1.50 AVERAGE = 0.03
MINIMUM = 0.01 ON DATE 5/12 AT DEPTH 00
MAXIMUM = 0.12 ON DATE 7/8 AT DEPTH 60

OSOYOOS LAKE — TOTAL PHOSPHATE MG PER L

STATION 1

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.04	0.06	0.03	0.02	0.03	0.02	0.04	0.04	0.03						
10	0.11	0.10	0.03	0.02	0.06	0.04	0.05	0.01	0.05						
20	0.07	0.10	0.05	0.03	0.03	0.02	0.04	0.02	0.06						
40	0.07	0.05	0.05	0.03	0.06	0.03	0.04	0.05	0.06						
60	0.05	0.08	0.03	0.03	0.06	0.04		0.03	0.07						

TOTAL = 2.26 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 8/19 AT DEPTH 10
MAXIMUM = 0.11 ON DATE 5/12 AT DEPTH 10

STATION 2

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.07	0.09	0.03	0.05	0.03	0.02	0.02	0.04	0.08	0.05	0.10	0.08	0.09	0.08	0.03
10	0.07	0.11	0.03	0.05	0.02	0.04	0.03	0.03	0.06	0.06	0.12	0.12	0.10	0.05	0.04
20	0.07	0.08	0.05	0.04	0.03	0.05	0.02	0.02	0.04	0.06	0.11	0.17	0.09	0.13	0.05
40	0.06	0.08	0.04	0.05	0.05	0.03	0.02		0.05	0.06	0.11	0.11	0.12	0.07	0.05
60	0.06	0.09	0.05	0.05	0.09	0.06	0.05		0.07	0.08	0.17	0.14	0.11	0.06	0.05

TOTAL = 5.18 AVERAGE = 0.07
MINIMUM = 0.02 ON DATE 7/22 AT DEPTH 00
MAXIMUM = 0.17 ON DATE 12/15 AT DEPTH 20

STATION 3

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
00	0.08	0.07	0.03	0.02	0.03	0.03	0.04	0.03	0.04						
10	0.09	0.10	0.07	0.04	0.04	0.01	0.02	0.04	0.07						
20	0.10	0.08	0.05	0.04	0.04	0.02	0.03	0.03	0.07						
40	0.08	0.09	0.04	0.06	0.04	0.02	0.04	0.05	0.05						
60	0.06	0.12	0.18	0.06	0.04	0.02	0.06	0.06	0.07						

TOTAL = 2.69 AVERAGE = 0.05
MINIMUM = 0.01 ON DATE 7/22 AT DEPTH 10
MAXIMUM = 0.18 ON DATE 6/10 AT DEPTH 60

STATION 4

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.07	0.06	0.02	0.01	0.03	0.06	0.04	0.03	0.06						
10	0.08	0.06	0.05	0.05	0.03	0.05	0.11	0.03	0.06						
20	0.08	0.06	0.04	0.03	0.05	0.03	0.04	0.03	0.06						
40	0.08	0.07	0.03	0.03	0.06	0.06	0.07	0.04	0.06						
60	0.14	0.07	0.13	0.03	0.05	0.10	0.14								

TOTAL = 2.65 AVERAGE = 0.06
MINIMUM = 0.01 ON DATE 6/23 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 5/12 AT DEPTH 60

STATION 5

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.06	0.05	0.04	0.04	0.03	0.03	0.07	0.02	0.03	0.10	0.08	0.06		0.07	0.05
10	0.06	0.05	0.04	0.03	0.03	0.03	0.05	0.05	0.05	0.10	0.09	0.06		0.11	0.08
20	0.17	0.05	0.05	0.08	0.02	0.05	0.07	0.04	0.05	0.11	0.08	0.05		0.09	0.07
40	0.08	0.05	0.05	0.04	0.04	0.05	0.08	0.05	0.03	0.10	0.10	0.06		0.07	0.08
60	0.09		0.04	0.04	0.05	0.06	0.09	0.06	0.08	0.10	0.08	0.05		0.07	0.15

TOTAL = 4.72 AVERAGE = 0.06
MINIMUM = 0.02 ON DATE 8/19 AT DEPTH 00
MAXIMUM = 0.17 ON DATE 5/12 AT DEPTH 20

STATION 6

DEPTH	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
00	0.08	0.05	0.03	0.03	0.03	0.02	0.03	0.04	0.05						
10	0.07	0.05	0.05	0.04	0.03	0.04	0.06	0.03	0.05						
20	0.06	0.05	0.05	0.04	0.05	0.03	0.05	0.03	0.04						
40	0.06	0.05	0.14	0.04	0.03	0.05	0.06	0.05	0.04						
60	0.06	0.05	0.06	0.04	0.05	0.03	0.06	0.06	0.08						

TOTAL = 2.41 AVERAGE = 0.05
MINIMUM = 0.02 ON DATE 7/22 AT DEPTH 00
MAXIMUM = 0.14 ON DATE 6/10 AT DEPTH 40

OSOYOOS LAKE — TURBIDITY IN FEET OF DEPTH

STATION	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	2/17	3/25	4/20
STATION 2	3.7	9.0	14.0	12.0	14.0	15.0	14.0	14.0	16.5	9.5	11.5	15.5	16.0	16.0	23.0

STATION	5/12	5/30	6/10	6/23	7/8	7/22	8/5	8/19	9/5	10/23	11/18	12/15	/	3/25	4/20
STATION 5	13.5	12.0	16.0	10.0	13.5	14.0	14.5	14.0	14.5	9.5	14.0	14.0		14.0	13.3

STATION OY2	5/12	5/30	6/10	6/23	7/ 8	7/22	8/ 5	8/19	9/ 5	10/23	11/18	12/15	2/17	3/25	4/20
TOTAL PHYTOPLANKTON															
0	235	201	167	79	1882	1009	797	2612	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	537
10	169	389	114	85	1755	2245	872	2630	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	470
20	234	162	86	79	1908	1257	906	1930	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	888
40	171	38	9	15	842	1183	707	696	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	665
60	76	17	1	12	176	201	256	270	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	775
ALL	885	807	377	270	6563	5895	3538	8138	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3335
TOTAL BLUEGREENS															
0	4	50	141	75	1607	853	727	1840	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	50
10	3	128	91	81	1287	1586	753	2095	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	20
20	2	11	65	76	1724	1064	817	1381	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	57
40	1	5	7	14	763	983	483	441	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	41
60	0	0	0	12	80	137	171	51	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	57
ALL	10	194	304	258	5461	4623	2951	5808	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	225
TOTAL GREENS															
0	0	0	0	0	90	43	27	253	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	47
10	0	0	0	0	109	60	43	120	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	40
20	0	0	0	0	10	10	20	156	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	47
40	0	0	0	0	3	16	21	67	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	34
60	0	0	0	0	6	1	19	66	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	87
ALL	0	0	0	0	218	130	130	662	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	255
TOTAL DIATOMS															
0	231	10	1	0	22	13	33	52	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	230
10	166	31	11	0	200	156	3	36	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	67
20	232	2	2	0	50	140	33	67	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	138
40	170	3	1	0	16	43	68	39	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	273
60	76	1	1	0	53	13	36	53	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	501
ALL	875	47	16	0	341	365	173	247	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1209
TOTAL PHYTOFLAGELLATES															
0	0	141	25	4	153	100	10	447	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	200
10	0	230	12	4	156	443	73	376	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	313
20	0	149	19	3	107	33	36	313	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	633
40	0	30	1	1	43	104	134	149	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	280
60	0	16	0	0	37	50	30	100	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	130
ALL	0	566	57	12	496	730	283	1385	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1556
TOTAL DOMINANTS															
0	112	161	29	72	1683	906	670	1810	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	273
10	88	257	19	73	1412	1669	723	1502	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	380
20	88	151	31	70	1764	1021	726	1241	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	724
40	72	33	5	5	786	944	412	509	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	384
60	40	17	1	12	133	187	151	165	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	375
ALL	400	619	85	232	5778	4727	2682	5227	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2136
APHAZ															
0	0	0	0	0	130	233	273	150	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
10	0	0	0	0	133	393	310	173	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
20	0	0	0	0	160	330	317	107	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
40	0	0	0	0	63	120	98	33	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	3	0	27	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	0	0	489	1076	1025	470	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
APHMC															
0	0	0	0	0	20	83	17	367	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3
10	0	0	0	0	13	160	47	163	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
20	0	0	0	0	0	77	103	67	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
40	0	0	0	0	0	70	29	27	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7
60	0	0	0	0	0	0	0	17	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7
ALL	0	0	0	0	33	390	196	641	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	17
ASTR1															
0	112	8	0	0	3	0	0	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30
10	88	7	2	0	13	30	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	40
20	88	2	2	0	17	17	0	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	57
40	72	3	1	0	0	7	4	3	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	47
60	40	1	1	0	3	0	0	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	167
ALL	400	21	6	0	36	54	4	20	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	341
CHRML															
0	0	141	25	2	130	80	10	377	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	197
10	0	230	12	2	126	410	70	343	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	310
20	0	149	19	3	87	10	36	283	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	630
40	0	30	1	1	37	97	132	146	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	280
60	0	16	0	0	30	50	27	97	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	117
ALL	0	566	57	8	410	647	275	1246	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1534
LYNGL															
0	0	12	4	70	1397	497	363	900	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	40
10	0	20	5	71	1127	663	293	793	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	10
20	0	0	10	67	1477	570	257	770	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	10
40	0	0	3	4	683	640	141	290	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	27
60	0	0	0	12	77	137	97	27	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	47
ALL	0	32	22	224	4761	2507	1151	2780	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	134
SYNEM															
0	0	0	0	0	3	13	7	13	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3
10	0	0	0	0	0	13	3	30	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	20
20	0	0	0	0	23	17	13	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	27
40	0	0	0	0	3	10	8	10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	23
60	0	0	0	0	20	0	0	10	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	37
ALL	0	0	0	0	49	53	31	70	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	110

	OY1 P					OY2 P					OY3 P				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ASTRI	64	56	104	112	8	112	88	88	72	40	88	120	112	112	48
CYCKU	80	0	10	25	40	35	30	10	0	0	10	0	0	0	0
FRAGC	24	0	24	60	24	64	48	132	96	36	60	84	48	96	60
OSCIL	3	0	0	2	0	4	3	2	1	0	0	0	0	0	0
STEPH	1	0	1	5	4	0	0	2	2	0	0	4	1	1	4
SYNEM	0	0	0	0	0	0	0	0	0	0	2	6	1	1	6

	OY1 Q					OY2 Q					OY3 Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANAST	37	62	9	0	0	16	76	2	0	0	22	61	0	0	0
ASTRI	12	9	8	4	1	8	7	2	3	1	10	0	9	2	4
CHRML	18	267	324	13	5	141	230	149	30	16	218	519	176	8	24
FRAGC	0	0	0	12	0	0	24	0	0	0	0	12	0	0	0
FRAGL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
LYNGL	3	14	4	0	0	12	20	0	0	0	8	20	0	0	0
MELOM	0	0	0	0	0	0	0	0	0	0	0	70	0	0	0
OSCIL	14	19	25	2	0	22	32	9	5	0	4	13	15	0	0
RHIZO	5	0	0	0	0	2	0	0	0	0	2	0	0	0	0

	OY1 R					OY2 R					OY3 R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANAST	6	10	4	0	0	8	5	0	0	0	14	3	2	0	0
ASTRI	0	2	4	3	3	0	2	2	1	1	1	1	5	4	1
CHRML	13	29	29	8	0	25	12	19	1	0	16	47	26	7	2
FRAGC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
FRAGL	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0
LYNGL	5	23	0	0	0	4	5	10	3	0	21	5	2	0	3
MELOM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
OSCIL	101	65	45	4	0	129	81	55	4	0	334	140	46	5	0
STEPH	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TABEL	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0

	OY1 S					OY2 S					OY3 S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	0	4	0	0	0	0	0	0	0	0	8	0	0	0	0
ANACU	1	0	7	0	0	0	5	1	0	0	0	20	108	0	0
ANAST	12	35	13	0	0	3	5	8	4	0	3	0	4	0	0
CHRML	2	1	1	1	1	2	2	3	1	0	9	5	3	1	1
DINOB	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
LYNGL	97	96	60	8	0	70	71	67	4	12	33	61	79	0	0
OSCIL	2	0	0	1	0	2	0	0	6	0	0	0	0	0	0
ULOTH	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0

	OY1 T					OY2 T					OY3 T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
AMPHR	0	0	0	0	0	0	10	0	0	0	0	3	0	0	0
ANACU	3	3	0	0	0	0	0	7	0	0	0	0	0	0	0
ANKLG	0	6	3	0	0	0	3	0	0	3	0	0	7	0	3
APHAZ	157	177	133	87	0	130	133	160	63	3	187	193	190	77	7
APHMC	20	0	3	7	10	20	13	0	0	0	27	13	10	0	0
APHNI	0	0	0	0	0	0	7	0	0	0	0	3	0	0	0
ASTRI	0	40	37	0	17	3	13	17	0	3	27	10	27	13	3
BOTRY	0	0	0	0	0	3	0	0	0	0	0	3	3	0	0
CHRCC	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0
CHRML	53	63	117	60	17	130	126	87	37	30	110	43	40	90	23
COCCN	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
COELK	77	117	43	17	0	60	7	80	7	0	40	33	83	43	0
CRUCQ	0	13	13	7	0	0	3	0	0	0	0	3	3	7	0
CYCKU	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
DICTB	10	13	10	0	0	0	0	0	0	0	3	3	0	0	0
DICTY	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
DINOB	7	13	10	17	13	20	23	20	3	0	23	3	7	7	0
ELAKA	0	0	10	0	0	10	13	0	0	0	10	0	13	7	0
FRAGC	60	103	0	0	43	0	177	0	7	10	0	0	7	0	7
FRAGL	0	7	17	23	7	0	0	0	0	7	0	0	0	17	0
GNMSP	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
KIRCH	0	0	0	13	3	0	0	0	0	0	0	0	0	0	3
LYNGC	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0
LYNGL	1303	1780	1103	497	100	1397	1127	1477	683	77	1120	1217	1083	793	53
MALLO	3	0	10	0	3	3	7	0	3	7	3	3	0	0	10
MELOL	7	0	17	17	0	10	0	17	17	0	0	17	13	0	0
MELOM	0	0	0	27	13	13	0	0	0	3	27	0	0	0	0
MERIS	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
NAVIC	7	0	3	0	3	0	0	7	3	0	3	3	0	0	7
NTZCH	0	0	0	0	0	0	0	3	3	7	0	0	3	3	3
OOCYS	17	3	27	17	0	30	43	0	3	3	23	20	3	7	30
RHIZO	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
SCHRO	0	3	0	0	0	0	10	7	0	0	3	0	0	0	0
SPHAE	10	10	15	0	0	24	20	3	0	0	27	12	22	19	0
SPNDL	0	0	3	0	0	0	3	0	0	0	3	7	0	3	0
STAUR	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
STEPH	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SYNCH	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYNEL	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
SYNEM	3	3	0	0	7	3	0	23	3	20	7	0	7	7	7
TABEL	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
ULOTH	0	0	0	0	7	23	17	0	0	0	0	0	0	0	0

	OY1 U					OY2 U					OY3 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
AMPHR	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
ANACU	0	20	0	0	0	0	3	0	20	0	3	7	3	0	0
ANKLG	0	3	3	7	0	3	3	3	3	0	0	7	0	0	0
APHAZ	240	300	307	113	0	233	393	330	120	0	247	240	280	173	10
APHMC	147	233	127	53	0	83	160	77	70	0	0	13	113	63	53
APHNI	20	0	0	3	0	0	47	7	0	0	7	3	0	7	33
ASTRI	0	7	27	7	0	0	30	17	7	0	0	0	13	0	0
BOTRY	0	0	3	0	0	0	0	0	0	0	0	3	7	3	0
CHRCC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
CHRML	90	290	233	94	33	80	410	10	97	50	10	30	100	140	13
COCCN	0	0	0	0	7	0	0	0	0	3	0	0	0	0	0
COELK	130	103	113	233	0	40	253	80	133	0	10	57	133	100	7
CRUCQ	0	3	0	7	0	0	0	3	17	0	3	0	0	0	0
CYCKU	0	3	0	0	3	0	3	0	3	0	0	0	0	0	0
DICTY	0	0	7	0	0	0	0	0	0	0	0	0	7	13	0
DINOB	10	30	33	3	7	13	23	23	7	0	13	13	10	10	0
ELAKA	13	13	3	0	0	7	17	0	0	0	0	0	0	0	0
FRAGC	0	3	90	27	60	0	57	103	7	7	7	77	53	50	0
GNMSP	0	0	0	0	7	0	0	0	0	0	17	0	3	0	3
KIRCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
LYNGL	607	737	713	540	180	497	663	570	640	137	507	653	750	587	170
MALLO	0	3	10	0	20	7	10	0	0	0	0	7	7	7	3
MELOL	13	10	20	3	0	0	0	7	20	0	7	0	7	0	0
MELOM	0	0	0	0	7	0	43	0	0	3	0	0	17	0	7
MERIS	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAVIC	3	3	0	13	0	0	7	0	3	0	0	3	0	13	0
NEPHR	0	0	0	13	0	0	3	0	0	0	0	0	3	3	0
NTZCH	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
OOCYS	3	10	3	13	0	0	27	0	0	0	0	7	13	0	7
OSCIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
PANDR	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
PINUL	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
RHIZO	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SCHRO	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0
SPHAE	12	8	13	0	0	14	4	4	10	1	3	3	11	7	1
SPNDL	3	0	7	0	0	3	0	3	3	0	0	0	3	0	0
STAUR	3	0	0	0	3	0	0	0	0	0	0	0	3	0	0
STEPH	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0
SYNCH	0	0	13	0	0	0	67	0	0	0	0	7	0	0	0
SYNEL	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0
SYNEM	0	13	13	3	7	13	13	17	10	0	13	13	3	7	3
TABEL	0	30	0	0	0	0	3	0	13	0	3	0	0	0	0
ULOTH	17	13	0	3	0	13	0	0	0	0	0	10	3	0	0

	OY1 V 0	10	20	40	60	OY2 V 0	10	20	40	60	OY3 V 0	10	20	40	60
AMPHR	2	0	0	0	3	0	0	0	0	0	0	3	0	0	0
ANACU	3	12	3	5	0	27	0	27	4	0	17	0	37	8	0
ANKLG	9	10	0	4	0	7	13	7	2	0	7	10	0	1	10
APHAZ	300	362	307	209	10	273	310	317	98	27	320	370	273	265	20
APHMC	28	72	178	60	0	17	47	103	29	0	163	37	33	17	0
APHNI	0	0	8	0	0	0	0	0	0	0	27	0	27	4	0
ASTRI	5	10	5	5	3	0	0	0	4	0	3	0	0	0	0
BOTRY	0	2	2	0	0	3	7	7	4	0	0	0	0	3	0
CHRCC	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
CHRML	53	231	250	44	107	10	70	36	132	27	166	87	317	62	60
CLOST	0	2	2	0	0	0	0	0	0	0	0	3	3	0	0
COELK	58	247	308	63	50	47	103	113	211	47	233	150	250	239	10
CRUCQ	7	5	3	0	0	0	0	0	1	0	0	0	7	3	3
CYCKU	2	2	0	0	0	0	0	3	2	3	0	0	7	1	0
DICTY	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0
DINOB	2	5	0	4	0	0	0	0	0	0	0	3	0	0	3
ELAKA	5	10	0	0	0	0	0	0	0	0	0	0	0	3	0
FRAGC	0	0	63	19	33	0	0	0	27	0	0	0	0	15	10
FRAGL	0	0	0	5	107	0	0	0	7	0	0	0	0	0	0
GNMSP	0	0	0	0	10	0	0	0	0	0	27	53	0	0	0
KIRCH	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
LYNGL	248	295	327	266	113	363	293	257	141	97	287	430	217	273	157
MALLO	0	2	7	2	10	0	3	0	2	3	10	0	10	7	10
MELOL	0	2	0	3	0	0	0	0	0	0	7	0	0	2	0
MELOM	0	12	12	27	17	23	0	17	16	0	17	40	0	8	0
MELOS	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0
NAVIC	0	0	0	0	0	3	0	0	1	0	0	3	0	1	0
NEPHR	0	32	15	0	0	0	0	0	0	0	0	0	0	0	0
NTZCH	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
OOCYS	8	3	35	8	10	17	0	3	6	10	13	13	23	22	7
OSCIL	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
PANDR	0	27	2	0	0	0	0	0	0	0	0	0	0	0	0
PLATY	0	0	0	0	0	0	0	0	0	0	33	50	0	0	0
RHIZO	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
SPHAE	0	6	9	1	0	0	7	0	2	0	18	5	10	6	0
SPNDL	2	0	0	0	0	0	3	3	2	0	0	0	0	0	0
STAUR	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0
STEPH	0	2	0	0	7	0	0	0	2	3	0	0	7	4	0
SYNCH	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
SYNEL	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0
SYNEM	3	7	7	9	7	7	3	13	8	0	3	7	13	6	3
TABEL	3	0	0	0	0	0	0	0	0	0	0	0	0	0	27
ULOTH	20	5	23	12	0	0	10	0	3	7	37	0	3	16	10

	OY1 W 0	10	20	40	60	OY2 W 0	10	20	40	60	OY3 W 0	10	20	40	60
AMPHR	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0
ANACU	30	3	20	50	3	53	23	17	7	0	57	23	43	7	3
ANAST	13	33	3	30	0	23	3	33	0	0	13	7	37	13	0
ANKLG	20	53	17	10	13	40	27	37	3	0	37	33	17	43	0
APHAZ	190	167	230	153	10	150	173	107	33	7	127	207	137	127	10
APHMC	113	187	167	137	20	367	163	67	27	17	80	160	83	160	20
APHNI	0	10	0	0	0	17	60	0	7	0	7	0	50	13	0
ASTRI	0	0	3	3	3	3	0	7	3	7	0	3	0	0	0
BOTRY	3	0	0	0	0	3	0	3	0	0	0	0	0	0	0
CHRML	520	423	263	240	110	377	343	283	146	97	290	293	297	164	160
CLOST	0	3	0	0	0	3	0	0	0	0	0	80	3	0	0
COCCN	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
COELK	117	0	0	90	0	73	0	0	0	0	0	213	0	0	0
CRUCQ	0	0	0	0	0	20	0	3	0	0	3	20	3	7	0
CYCKU	0	3	3	0	0	0	0	17	7	0	0	0	7	0	3
DICTB	0	0	0	3	13	0	0	0	0	0	0	0	0	3	0
DICTY	0	0	0	0	3	3	0	0	3	3	3	3	3	0	3
DINOB	10	13	3	7	0	10	3	0	0	0	7	7	3	0	0
ELAKA	17	3	3	10	0	7	0	3	13	0	20	13	10	3	0
FRAGC	0	47	0	157	17	0	0	10	0	0	57	13	13	27	10
FRAGL	0	0	0	0	7	0	0	0	0	13	23	23	0	0	0
GNMSP	187	157	50	27	50	163	50	70	20	30	283	160	90	70	73
KIRCH	0	0	0	0	13	0	0	7	0	13	77	0	0	0	0
LYNGC	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNGL	773	667	683	383	93	900	793	770	290	27	777	627	650	590	127
MALLO	27	40	37	0	7	60	30	30	3	3	50	40	40	13	13
MELOL	0	0	0	0	0	0	3	10	0	0	0	0	3	0	0
MELOM	0	13	0	0	27	20	0	0	10	10	0	37	0	10	10
MERIS	370	557	380	177	73	257	880	387	77	0	230	403	187	217	0
NAVIC	0	0	0	3	10	7	0	3	3	10	7	7	0	3	0
NEPHR	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
NTZCH	0	7	0	0	0	3	0	0	0	0	0	0	0	0	0
OOCYS	33	13	10	20	7	23	27	20	13	7	67	23	47	30	7
OSCIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
PANDR	0	10	0	3	0	0	3	0	0	0	0	0	0	0	10
RHIZO	0	3	0	0	0	0	3	0	0	0	0	3	3	0	0
SPHAE	1	3	1	1	0	1	0	0	5	0	21	6	5	3	1
SPNDL	3	17	0	3	3	3	0	3	0	0	0	0	0	0	0
STAUR	3	3	3	0	0	0	0	0	0	0	0	3	0	3	3
STEPH	10	0	3	3	0	3	3	13	0	0	0	13	0	0	0
SYNEL	0	3	0	0	0	0	0	10	0	0	0	0	0	3	0
SYNEM	33	17	23	27	13	13	30	7	10	10	13	10	10	33	7
TABEL	0	3	0	0	0	0	0	0	3	0	0	0	0	0	3
ULOTH	10	27	23	40	0	7	13	13	10	13	0	0	0	10	0

	OY2 E 0	10	20	40	60
AMPHR	0	0	7	13	0
ANKLG	0	0	0	3	13
APHMC	3	0	0	7	7
ASTRI	30	40	57	47	167
CHRCC	7	10	27	7	0
CHRML	197	310	630	280	117
CRUCQ	0	13	0	0	0
CYCKU	0	0	17	7	70
DICTY	0	0	7	0	3
ELAKA	20	23	27	10	37
FRAGC	177	0	10	177	50
FRAGL	0	0	0	0	70
GNMSP	3	0	0	0	10
KIRCH	17	17	13	17	17
LYNGC	0	0	20	0	0
LYNGL	40	10	10	27	47
MALLO	3	3	3	0	13
MELOL	10	17	13	37	0
MELOM	0	0	0	0	20
NAVIC	13	7	7	0	3
NTZCH	0	0	3	0	17
OOCYS	7	0	0	3	7
OSCIL	0	0	0	0	3
SPHAE	0	0	0	1	0
STEPH	0	0	10	3	40
SYNEL	7	0	0	0	17
SYNEM	3	20	27	23	37
TABEL	0	0	0	3	10

STATION OY5

	5/12	5/30	6/10	6/23	7/ 8	7/22	8/ 5	8/19	9/ 5	10/23	11/18	12/15	2/17	3/25	4/20
TOTAL PHYTOPLANKTON															
0	24	741	159	830	1549	2151	2798	3610	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1990
10	331	762	145	709	2147	2470	3086	4406	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2439
20	528	655	114	875	3537	2376	2750	4022	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2388
40	651	390	8	382	999	855	1596	1166	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3354
60	376	0	9	62	576	331	757	1471	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	8355
ALL	1910	2548	435	2858	8808	8183	10987	14675	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	18526
TOTAL BLUEGREENS															
0	0	101	120	816	1364	2000	2391	2854	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	206
10	0	185	133	684	1696	2156	2421	2852	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	153
20	0	149	99	870	3136	2203	2030	2801	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	147
40	0	51	3	378	861	660	1223	769	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	163
60	0	0	5	62	320	214	243	1160	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	624
ALL	0	486	360	2810	7377	7233	8308	10436	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1293
TOTAL GREENS															
0	0	0	0	0	39	39	184	340	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	105
10	0	0	0	0	61	55	145	433	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	138
20	0	0	0	0	67	59	218	363	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	162
40	0	0	0	0	9	24	64	119	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	126
60	0	0	0	0	43	14	25	72	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	111
ALL	0	0	0	0	219	191	636	1327	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	642
TOTAL DIATOMS															
0	24	0	0	0	16	16	10	126	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1103
10	331	81	0	0	180	10	37	137	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1308
20	528	20	0	0	60	10	56	109	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	899
40	651	231	0	0	86	14	73	49	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1959
60	376	0	1	0	173	40	316	230	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	6877
ALL	1910	332	1	0	515	90	492	651	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	12146
TOTAL PHYTOFLAGELLATES															
0	0	640	39	14	130	96	193	287	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	576
10	0	496	12	25	207	239	446	974	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	840
20	0	486	15	5	267	94	433	736	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1153
40	0	108	5	4	36	37	156	229	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1093
60	0	0	3	0	37	63	173	9	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	716
ALL	0	1730	74	48	677	529	1401	2235	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4378
TOTAL DOMINANTS															
0	24	676	117	811	1464	1996	2517	2976	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1106
10	155	560	97	663	1893	2239	2801	3700	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1317
20	336	542	94	865	1861	2127	2463	3143	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1464
40	313	124	7	382	917	661	1206	1002	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1480
60	28	0	6	62	367	256	323	209	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2126
ALL	856	1902	321	2783	6502	7279	9310	11030	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7493
APHAZ															
0	0	0	0	0	150	190	230	210	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
10	0	0	0	0	120	273	247	220	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3
20	0	0	0	0	147	260	243	173	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
40	0	0	0	0	37	60	150	30	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	20	10	7	7	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	0	0	474	793	877	640	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	3
APHMC															
0	0	0	0	27	187	177	257	480	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	13
10	0	0	0	30	243	123	347	450	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7
20	0	0	0	27	130	143	310	307	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	7
40	0	0	0	20	27	30	73	130	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
60	0	0	0	0	0	40	13	13	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	0
ALL	0	0	0	104	587	513	1000	1380	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	27
ASTRI															
0	24	0	0	0	0	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	393
10	146	1	0	0	0	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	440
20	320	0	0	0	7	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	227
40	296	0	0	0	13	0	0	0	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	297
60	24	0	0	0	3	3	20	23	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	727
ALL	810	1	0	0	23	3	20	23	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	2084
CHRML															
0	0	640	39	14	97	96	190	220	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	530
10	0	496	12	25	187	236	440	927	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	760
20	0	486	15	5	217	94	430	680	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1080
40	0	108	5	4	33	37	136	226	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	1040
60	0	0	3	0	27	43	170	9	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	643
ALL	0	1730	74	48	561	506	1366	2062	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	4053
LYNGL															
0	0	36	78	770	1020	1530	1830	2013	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	140
10	0	63	85	608	1330	1597	1750	2053	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	60
20	0	56	79	833	1340	1623	1470	1920	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	80
40	0	15	2	358	797	527	837	593	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	100
60	0	0	3	62	300	157	100	120	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	383
ALL	0	170	247	2631	4787	5434	5987	6699	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	763
SYNEM															
0	0	0	0	0	10	3	10	53	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	30
10	9	0	0	0	13	10	17	50	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	47
20	16	0	0	0	20	7	10	63	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	70
40	17	1	0	0	10	7	10	23	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	43
60	4	0	0	0	17	3	13	37	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	373
ALL	46	1	0	0	70	30	60	226	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	NNNNN	563

	OY4 P					OY5 P					OY6 P				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ASTRI	64	240	288	112	24	24	146	320	296	24	88	112	240	144	32
CHLMY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRML	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0
CYCKU	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0
FRAGC	12	276	120	96	36	0	96	132	168	48	24	84	60	48	24
MELOM	0	40	110	370	570	0	80	60	170	300	0	10	60	350	280
OSCIL	0	28	0	0	0	0	0	0	0	0	13	18	4	2	0
STEPH	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
SYNEM	3	15	20	15	6	0	9	16	17	4	0	0	0	7	7

	OY4 Q					OY5 Q					OY6 Q				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
ANAST	42	103	2	12	0	42	83	54	28	0	66	91	38	27	16
ASTRI	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2
CHRML	499	356	288	135	5	640	496	486	108	0	406	745	674	192	34
FRAGC	24	24	0	24	0	0	0	0	0	0	0	0	0	0	48
FRAGL	0	0	0	0	24	0	0	0	0	0	0	0	0	48	48
LYNGL	36	82	10	15	0	36	63	56	15	0	54	70	65	28	39
MELOM	30	20	0	230	60	0	80	20	230	0	30	60	40	420	540
OSCIL	30	44	12	0	0	23	39	39	6	0	44	58	49	6	4
RHIZO	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEPH	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYNEM	0	0	0	1	0	0	0	0	1	0	0	0	0	1	2
TABEL	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0

	OY4 R					OY5 R					OY6 R				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANAST	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
CHRML	24	35	15	6	0	39	12	15	5	3	25	17	12	14	5
FRAGC	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
FRAGL	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
LYNGL	92	112	109	7	33	78	85	79	2	3	88	103	57	33	7
MELOM	0	0	0	1	10	0	0	0	0	1	0	0	0	1	4
OSCIL	63	61	28	0	0	42	48	20	1	2	30	23	19	6	0

	OY4 S					OY5 S					OY6 S				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACR	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0
ANACU	0	4	0	0	0	10	33	0	0	0	16	0	0	0	0
ANAST	8	7	26	0	0	9	10	9	0	0	6	9	15	1	0
APHMC	5	15	0	0	0	27	30	27	20	0	47	16	30	0	0
CHRML	2	0	1	2	0	14	25	5	4	0	24	6	5	1	0
DINOB	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0
LYNGL	1477	1553	829	370	104	770	608	833	358	62	941	654	600	200	20

	OY4 T					OY5 T					OY6 T				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
AMPHR	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ANKLG	7	3	16	7	0	3	0	27	6	20	7	3	7	10	3
APHAZ	130	110	170	57	7	150	120	147	37	20	217	110	127	17	0
APHMC	177	133	120	7	27	187	243	130	27	0	53	120	143	40	0
APHNI	23	3	10	0	0	0	0	0	0	0	0	0	0	0	0
ASTRI	0	0	0	7	10	0	0	7	13	3	0	0	13	0	7
BOTRY	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0
CHRML	123	203	297	77	13	97	187	217	33	27	84	227	173	77	17
COCCN	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
COELK	83	67	97	37	7	0	0	1500	0	0	140	67	127	50	3
CRUCI	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCQ	0	13	0	0	0	0	3	7	0	3	0	3	0	0	0
CYCKU	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
DICTB	0	7	2	0	0	7	3	2	0	0	0	7	0	0	0
DICTY	3	0	0	0	0	0	0	0	3	0	5	0	3	0	3
DINOB	30	43	23	3	0	33	7	37	0	0	0	3	0	0	0
ELAKA	3	7	3	0	0	3	0	13	0	0	40	20	17	3	0
FRAGC	3	0	7	0	37	0	37	10	0	0	7	0	3	0	0
FRAGL	0	0	0	23	10	0	0	0	0	3	0	0	0	0	0
GNMSP	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
KIRCH	0	3	3	3	0	0	0	0	0	7	0	0	0	0	7
LYNGL	1543	1593	1183	1033	587	1020	1330	1340	797	300	0	3	0	0	0
MALLO	0	7	20	10	13	0	13	13	3	10	1103	1113	1220	783	287
MELOL	7	10	7	0	0	0	0	0	7	0	0	0	27	7	0
MELOM	7	40	30	93	387	3	127	13	57	150	0	0	0	30	0
MELOS	0	0	0	0	0	0	0	0	0	0	10	10	50	67	150
NAVIC	7	3	7	0	0	0	0	7	3	0	0	0	0	0	10
NEPHR	0	3	0	0	3	10	0	0	0	3	0	0	7	0	0
NTZCH	0	0	0	0	7	0	0	3	3	0	0	0	3	7	0
OOCYS	10	10	20	3	10	3	33	7	0	7	0	0	3	7	0
OSCIL	0	0	0	0	7	0	0	10	0	0	0	7	7	33	0
SCHRO	0	7	10	0	0	0	3	0	0	0	0	0	0	0	3
SPHAE	20	11	13	1	0	13	22	13	0	0	3	10	0	0	0
SPNDL	3	0	3	0	0	7	3	7	0	0	3	8	0	0	0
STAUR	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
STEPH	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0
SYNCH	0	27	0	0	0	0	0	7	0	0	0	3	0	0	0
SYNEL	0	3	0	0	0	3	3	0	0	0	23	0	0	0	0
SYNEM	10	20	23	10	20	10	13	20	10	17	0	0	0	3	0
											7	10	7	7	20

	OY4 U					OY5 U					OY6 U				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
AMPHR	0	3	0	0	33	0	0	0	0	3	0	0	0	0	0
ANACU	3	0	0	0	0	0	17	0	0	0	0	3	17	0	0
ANKLG	33	7	33	10	0	6	10	30	10	3	23	27	50	10	0
APHAZ	180	500	253	33	0	190	273	260	60	10	237	253	313	27	0
APHMC	333	127	177	77	0	177	123	143	30	40	357	453	213	27	13
APHNI	33	17	53	13	0	10	13	7	0	7	20	53	20	0	0
ASTRI	0	0	0	0	133	0	0	0	0	3	0	0	17	0	13
BOTRY	0	0	3	0	0	0	0	0	0	0	3	7	3	0	0
CHRML	110	710	460	266	283	96	236	94	37	43	267	670	587	96	23
CLOST	0	0	7	0	0	0	0	0	0	0	3	3	0	0	0
COCCN	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0
COELK	53	320	133	163	0	73	110	100	43	0	20	147	103	53	40
CRUCI	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
CRUCQ	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
CYCKU	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0
DICTY	0	3	17	0	0	0	0	0	0	0	3	0	0	0	3
DINOB	3	3	10	3	0	0	3	0	0	0	7	3	17	0	0
ELAKA	7	10	17	3	0	17	13	3	10	0	10	17	37	23	0
FRAGC	0	0	10	0	450	13	0	3	7	7	3	3	3	3	0
FRAGL	0	0	0	0	450	0	0	0	0	7	0	7	13	0	0
GNMSP	3	3	0	0	0	0	0	0	0	3	0	0	0	0	0
KIRCH	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0
LYNGL	1083	2553	1270	763	525	1530	1597	1623	527	157	1817	1910	1930	763	253
MALLO	0	7	3	10	17	0	0	0	0	20	3	3	13	10	7
MELOL	0	3	43	130	0	0	10	10	120	0	10	7	67	30	0
MELOM	0	0	0	0	11800	0	0	0	0	17	17	0	0	0	147
MERIS	0	0	50	47	0	0	0	0	0	0	0	110	13	0	0
NAVIC	0	0	0	0	75	0	0	0	0	0	3	0	3	0	0
NEPHR	0	0	0	0	33	0	0	0	0	0	0	7	10	27	0
NTZCH	0	0	0	0	67	0	0	0	0	0	3	0	0	0	0
OOCYS	10	23	70	0	0	7	17	3	0	3	13	3	47	0	3
OSCIL	0	0	0	0	75	10	10	0	0	0	0	0	0	0	0
PINUL	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0
RHIZO	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0
SCHRO	7	0	0	0	0	0	C	7	0	0	0	0	3	0	0
SPHAE	3	30	6	5	0	6	5	3	1	5	20	7	83	8	1
SPNDL	20	13	3	0	0	0	10	10	0	0	7	3	10	0	0
STAUR	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0
STEPH	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0
SYNCH	27	17	0	27	0	10	13	70	0	0	80	7	20	0	0
SYNEL	0	0	0	0	8	0	0	0	0	0	3	0	0	0	0
SYNEM	3	7	0	3	250	3	10	7	7	3	3	3	3	0	17
TABEL	0	0	0	0	133	0	0	0	0	0	0	0	0	0	0
ULOTH	0	0	0	0	17	0	0	0	3	0	0	0	0	0	0

	OY4 V					OY5 V					OY6 V				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
ANACU	3	0	0	0	0	7	7	0	3	0	3	0	13	0	0
ANAST	0	0	0	0	0	0	0	0	0	0	0	3	13	0	0
ANKLG	37	67	117	27	6	100	53	70	24	7	63	73	33	67	3
APHAZ	263	283	263	167	47	230	247	243	150	7	307	277	220	230	27
APHMC	47	73	357	170	30	257	347	310	73	13	83	183	327	67	43
APHNI	0	0	53	7	0	57	53	0	20	0	30	40	30	0	0
ASTRI	0	0	0	0	107	0	0	0	0	20	0	0	0	0	7
BOTRY	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
CHRCC	0	0	0	0	0	0	0	0	140	0	0	0	0	0	0
CHRML	77	277	523	156	73	190	440	430	136	170	183	446	314	23	97
CLOST	0	0	0	0	0	3	0	3	0	0	0	3	0	0	3
COCCN	0	0	0	0	3	0	0	0	0	0	0	0	0	0	7
COELK	10	0	13	20	0	10	17	7	0	60	0	30	23	37	37
CRUCQ	0	3	3	0	0	0	0	0	10	0	20	10	0	0	0
CYCKU	0	3	7	0	7	0	0	0	0	0	0	0	0	0	0
DICTY	0	0	7	3	0	0	0	3	7	3	0	0	0	0	0
DINOB	3	0	0	0	0	3	3	0	20	0	0	7	0	0	0
ELAKA	0	13	3	7	10	3	23	10	0	0	13	23	3	0	0
FRAGC	17	0	0	33	383	0	17	43	0	10	37	0	47	0	40
FRAGL	0	0	10	53	43	0	0	0	63	3	0	0	0	0	13
GNMSP	0	27	3	0	0	53	27	80	0	0	53	0	3	0	0
KIRCH	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
LYNGL	1713	1900	2333	1057	837	1830	1750	1470	837	100	1730	1880	1390	1117	197
MALLO	0	0	3	0	10	0	3	3	0	3	0	3	0	0	13
MELOL	57	7	33	30	0	20	37	13	70	0	57	57	43	170	0
MELOM	0	0	0	0	2180	0	0	0	0	257	0	0	0	0	250
MERIS	0	0	0	3	33	0	0	0	0	43	0	407	263	0	233
NAVIC	0	7	0	7	7	0	0	3	0	3	0	3	0	0	0
NEPHR	0	0	0	0	0	0	0	23	10	0	0	7	20	0	0
NTZCH	0	0	0	0	13	0	0	0	0	7	0	0	0	0	3
OOCYS	0	27	40	20	10	0	27	3	20	7	17	17	23	3	7
OSCIL	0	0	0	0	10	0	0	0	0	20	0	0	0	0	17
PANDR	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
PLATY	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
RHIZO	0	0	0	0	0	0.	3	0	0	0	0	0	0	3	0
SPHAE	3	26	15	21	0	19	9	23	0	0	5	5	13	1	0
SPNDL	0	0	0	0	0	3	3	0	0	0	3	0	0	0	0
STAUR	3	13	3	3	3	3	3	3	0	5	0	0	10	0	0
STEPH	0	3	0	0	27	0	0	0	0	0	0	3	0	3	0
SYNEM	0	13	3	10	37	10	17	10	10	13	10	0	13	13	17
TABEL	0	0	3	0	7	0	0	0	0	3	0	0	3	0	0
ULOTH	7	0	0	0	13	0	0	0	3	3	0	3	0	0	3

	OY4 W					OY5 W					OY6 W				
	0	10	20	40	60	0	10	20	40	60	0	10	20	40	60
AMPHR	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
ANACU	7	3	3	0	0	0	13	27	0	0	27	3	140	10	0
ANAST	17	7	3	10	0	7	20	13	3	0	3	3	0	0	0
ANKLG	53	76	43	17	0	27	33	67	36	17	97	33	57	20	13
APHAZ	153	180	167	37	0	210	220	173	30	7	177	187	233	83	3
APHMC	287	387	463	60	0	480	450	307	130	13	157	270	400	140	33
APHNI	50	87	33	7	0	27	23	10	0	0	13	17	53	33	0
ASTRI	0	0	0	10	0	0	0	0	0	23	0	0	0	0	23
BOTRY	7	3	7	10	0	0	0	10	0	0	3	3	0	3	0
CHRCC	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
CHRML	326	650	280	153	0	220	927	680	226	9	346	317	717	210	63
CLOST	0	3	0	10	0	3	0	0	0	3	0	0	3	0	0
COCCN	0	0	0	0	0	0	0	0	0	17	0	0	0	0	7
COELK	13	0	7	0	0	67	0	64	0	0	57	0	110	0	3
CRUCI	0	7	0	0	0	0	0	10	7	0	0	0	0	0	0
CRUCQ	3	17	10	3	0	3	10	0	0	0	7	17	10	0	3
CYCKU	0	0	0	0	0	3	0	3	3	0	0	0	0	0	0
DICTB	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0
DICTY	0	0	7	0	0	0	3	7	0	3	13	0	3	7	0
DINOB	50	7	27	0	0	40	10	33	0	0	3	33	17	13	0
ELAKA	20	20	50	0	0	7	13	17	20	13	13	20	13	3	0
FRAGC	0	0	37	37	0	23	57	7	0	30	0	3	3	3	0
FRAGL	0	0	0	20	0	13	0	0	0	20	0	0	0	17	3
GNMSP	220	317	207	700	0	273	320	210	40	30	187	213	337	70	13
KIRCH	20	0	0	3	0	13	0	7	3	3	3	10	0	3	0
LYNGL	1697	2000	1823	803	0	2013	2053	1920	593	120	1780	1960	1900	1297	230
MALLO	30	33	17	7	0	27	37	23	3	0	30	17	30	13	10
MELOL	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
MELOM	0	0	40	107	0	7	0	0	10	93	7	17	0	23	50
MERIS	23	163	0	3	0	50	73	287	10	1013	183	63	193	77	1440
NAVIC	0	0	0	10	0	3	3	3	3	10	0	0	0	7	0
NEPHR	23	10	13	27	0	0	0	0	0	3	0	0	0	3	3
NTZCH	0	0	0	3	0	0	0	10	0	0	0	0	0	0	0
OOCYS	30	37	80	23	0	10	20	20	7	0	37	33	37	10	20
OSCIL	0	0	7	0	0	0	0	0	3	0	3	0	0	3	10
RHIZO	10	13	0	3	0	17	27	20	7	0	17	17	3	0	0
SPHAE	15	28	18	0	0	1	32	5	3	0	4	65	25	31	1
SPNDL	3	0	0	3	0	3	3	3	0	0	7	13	0	0	3
STAUR	7	0	0	3	0	3	9	7	3	0	9	16	7	0	0
STEPH	7	0	0	0	0	0	0	3	0	0	0	0	0	0	0
SYNCH	0	0	0	0	0	0	0	0	0	0	0	0	23	7	0
SYNEL	0	3	0	3	0	0	0	0	3	0	0	3	3	3	0
SYNEM	40	67	30	30	0	53	50	63	23	37	60	47	63	53	13
TABEL	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
ULOTH	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	OY5 E				
	0	10	20	40	60
AMPHR	3	0	3	0	13
ANKLG	3	3	6	7	7
APHAZ	0	3	0	0	0
APHMC	13	7	7	0	0
ASTRI	393	440	227	297	727
BOTRY	3	17	0	3	17
CHRCC	13	13	0	20	167
CHRML	530	760	1080	1040	643
COCCN	0	0	0	0	10
CYCKU	0	0	0	3	57
DICTB	0	0	0	0	7
DINOB	33	57	63	40	33
ELAKA	20	30	23	20	7
FRAGC	243	97	3	273	610
FRAGL	0	7	0	7	187
GNMSP	23	43	73	50	13
KIRCH	37	27	43	30	27
LYNGL	140	60	80	100	383
MALLO	13	23	10	13	40
MELOL	0	0	27	13	27
MELOM	367	640	533	1263	4627
NAVIC	7	7	3	3	50
NTZCH	0	0	0	7	30
OOCYS	13	7	17	0	37
OSCIL	40	70	60	43	67
PINUL	0	0	0	0	10
PLATY	3	7	0	0	0
RHIZO	7	10	3	10	20
SPHAE	3	1	0	3	0
SPNDL	0	3	0	0	3
STEPH	0	0	7	3	103
SYNEL	33	27	10	17	47
SYNEM	30	47	70	43	373
TABEL	20	33	40	33	13
ULOTH	0	0	0	13	0

MISCELLANEOUS 1 DRAINAGE DITCH - NE OF OSOYOOS

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	12.7	12.2	13.3	16.1	16.1	14.4	15.5
ELECTRICAL CONDUCTIVITY MICROMHMOS	270.	270.	250.	230.	250.	270.	250.	260.
TOTAL RESIDUE MG PER L	420.	315.	308.	244.	320.	348.	326.	362.
VOLATILE SOLIDS MG PER L	82.0	77.0	90.0	55.0	95.0	114.0	91.0	114.0
PH METER READINGS	8.5	7.6	7.7	8.7	7.7	7.7	7.8	7.7
BICARBONATE ION MG PER L	178.	NNNNNNN	164.	220.	151.	152.	176.	128.
CARBONATE ION MG PER L	0.0	NNNNNNN	0.0	0.0	0.0	1.2	0.0	4.5
CALCIUM ION MG PER L	32.0	36.0	40.5	38.2	35.2	36.0	31.0	23.7
CHLORIDE ION MG PER L	9.8	4.7	8.5	7.5	7.4	4.6	8.1	6.0
MAGNESIUM ION MG PER L	38.5	37.5	34.0	31.2	26.0	13.2	33.3	27.8
SILICATE ION (SIO2) MG PER L	4.6	32.6	13.2	20.0	29.3	38.0	30.6	31.0
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	120.	NNNNNNN	96.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.03	0.03	0.04	0.04	0.05	0.05	0.13	0.06
NITRATE-NITROGEN MG PER L	3.78	2.55	6.50	5.80	7.43	4.04	7.95	7.20
TOTAL PHOSPHATE MG PER L	0.04	NNNNNNN	0.03	0.04	0.05	0.06	0.03	0.05

MISCELLANEOUS 1 DRAINAGE DITCH - NE OF OSOYOOS

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						1		
CLOSTERIUM SP.						7	9	
CRYPTOMONAS OVATA						149	60	35
ELAKATOTHRIX GELATINOSA						4		1
KIRCHNERIELLA SP.							1	1
LYNGBYA LIMNETICA								3
MALLOMONAS SP.						1		
MOUGEOTIA SPP.							79	
NAVICULA SP.						2		
PANDORINA MORUM							22	
PERIDINIUM SP.						1		2
SCENEDESMUS SPP.						485	46	25
SPONDYLOSIUM SP.						1		
SYNEDRA ACUS							1	2

MISCELLANEOUS 2 PEANUT LAKE (W OF OLIVER)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	18.8	23.3	21.6	24.4	24.4	20.5	22.7
ELECTRICAL CONDUCTIVITY MICROMHMOS	270.	220.	240.	210.	220.	230.	210.	200.
TOTAL RESIDUE MG PER L	279.	217.	206.	180.	175.	233.	179.	328.
VOLATILE SOLIDS MG PER L	72.0	55.0	57.0	52.0	51.0	93.0	52.0	145.0
PH METER READINGS	8.4	8.6	8.9	8.9	9.0	9.0	9.2	9.5
BICARBONATE ION MG PER L	111.	NNNNNNN	88.	90.	93.	49.	83.	78.
CARBONATE ION MG PER L	5.0	NNNNNNN	1.8	1.5	0.0	6.6	1.2	3.0
CALCIUM ION MG PER L	26.6	26.4	26.4	23.5	32.0	24.8	21.2	22.8
CHLORIDE ION MG PER L	6.3	5.3	5.2	6.4	6.0	6.2	6.4	7.1
MAGNESIUM ION MG PER L	24.3	21.3	21.6	16.3	11.8	12.2	20.0	13.7
SILICATE ION (SIO2) MG PER L	1.2	2.1	2.6	5.0	7.5	10.1	10.4	9.9
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	95.	NNNNNNN	59.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.01	0.09	0.09	0.12	0.10	0.17	0.17	0.51
NITRATE-NITROGEN MG PER L	0.06	0.04	0.05	0.17	0.09	0.05	0.13	0.10
TOTAL PHOSPHATE MG PER L	0.07	NNNNNNN	0.06	0.06	0.12	0.13	0.07	0.70

MISCELLANEOUS 2 PEANUT LAKE (W OF OLIVER)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS					80		3	
APHANIZONMENON FLOS-AQUAE					120	50	30	
APHANOTHECE MICROSCOPICA		597				153		17
CLOSTERIUM SP.		10			13	5	3	
CRYPTOMONAS OVATA		760	104	8	967	183	877	16
CYCLOTELLA MICHIGANIANA		10						
DINOBRYON SERTULARIA	2440	150						
LYNGBYA LIMNETICA							40	40
MALLOMONAS SP.		10			17	5	7	
MELOSIRA SPP.	70	100			77	11		7
NAVICULA SP.		63			67	21	3	3
OOCYSTIS SP.		313			593	583	550	73
PERIDINIUM SP.		10			2667	7683	1137	43700
PHACUS SP.		27	6					
SCENEDESMUS SPP.	200	5470	5124		210000	322000	365000	366000
SPONDYLOSIUM SP.							3	
SPHAEROCYSTIS SCHROETERI		3			53	17	13	10
SYNEDRA ACUS	17532	5076	98		20			3
SYNEDRA SP. (LARGE)							10	

MISCELLANEOUS 3 — KISSINGER SPRING LAGOON	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	13.3	13.3	13.8	15.5	15.0	13.8	16.1
ELECTRICAL CONDUCTIVITY MICROMHMOS	NNNNNNN	430.	450.	380.	330.	340.	380.	330.
TOTAL RESIDUE MG PER L	NNNNNNN	634.	708.	653.	649.	667.	783.	888.
VOLATILE SOLIDS MG PER L	NNNNNNN	98.0	128.0	112.0	101.0	136.0	124.0	183.0
PH METER READINGS	NNNNNNN	7.8	7.9	7.9	7.8	7.6	7.9	7.8
BICARBONATE ION MG PER L	NNNNNNN	182.	148.	248.	145.	92.	190.	173.
CARBONATE ION MG PER L	NNNNNNN	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALCIUM ION MG PER L	NNNNNNN	107.0	126.0	176.0	168.0	131.2	116.0	111.0
CHLORIDE ION MG PER L	NNNNNNN	47.7	47.5	50.0	31.6	23.5	43.0	35.5
MAGNESIUM ION MG PER L	NNNNNNN	44.5	74.8	32.0	27.2	19.2	45.4	42.6
SILICATE ION (SIO2) MG PER L	NNNNNNN	26.4	6.0	17.5	12.8	22.3	15.4	5.8
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	640.	NNNNNNN	400.	NNNNNNN
AMMONIA-NITROGEN MG PER L	NNNNNNN	0.11	0.08	0.13	0.07	0.06	0.14	0.11
NITRATE-NITROGEN MG PER L	NNNNNNN	0.84	0.94	0.68	1.64	1.54	2.78	2.05
TOTAL PHOSPHATE MG PER L	NNNNNNN	0.03	0.30	0.03	0.02	0.02	0.02	0.04

MISCELLANEOUS 3 — KISSINGER SPRING LAGOON	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						72	72	33
ANABAENA SP.							3	
APHANIZONMENON FLOS-AQUAE						1		
ASTERIONELLA FORMOSA								505
CRYPTOMONAS OVATA						17	1	10
CYCLOTELLA MICHIGANIANA								62
CYMBELLA SP.		4	5	11	1	5		
FRAGILARIA CROTONENSIS							4	18
LYNGBYA LIMNETICA								3
MALLOMONAS SP.								2
NAVICULA SP.			14	14		78	57	59
SCENEDESMUS SPP.				11626				
SYNEDRA ACUS						27	3	32
SYNEDRA SP. (LARGE)							10	
TABELLARIA SPP.								38

MISCELLANEOUS 4	OKANAGAN RIVER - N OF PENTICTON PLANT							
	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNN	7.2	22.7	17.7	18.8	24.4	21.1	23.8
ELECTRICAL CONDUCTIVITY MICROMHMOS	140.	110.	130.	120.	120.	170.	150.	110.
TOTAL RESIDUE MG PER L	164.	109.	117.	142.	103.	130.	102.	142.
VOLATILE SOLIDS MG PER L	41.0	25.0	34.0	58.0	29.0	58.0	26.0	39.0
PH METER READINGS	8.5	7.9	8.5	8.6	8.7	8.4	8.7	8.9
BICARBONATE ION MG PER L	85.	83.	81.	84.	70.	87.	66.	79.
CARBONATE ION MG PER L	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALCIUM ION MG PER L	20.0	20.0	31.4	31.0	25.6	29.6	20.4	31.0
CHLORIDE ION MG PER L	1.8	1.8	2.5	1.6	1.7	1.8	1.8	2.1
MAGNESIUM ION MG PER L	8.9	10.2	11.6	8.6	6.1	8.2	9.0	10.0
SILICATE ION (SIO2) MG PER L	5.2	6.4	5.7	5.3	7.1	6.0	6.1	4.3
SULPHATE ION MG PER L	NNNNNNNNNNNNNNNNNNNNNNNNNNNN				31.	NNNNNN	24.	NNNNNN
AMMONIA-NITROGEN MG PER L	0.04	0.04	0.08	0.06	0.05	0.06	0.11	0.04
NITRATE-NITROGEN MG PER L	0.05	0.04	0.02	0.02	0.04	0.04	0.02	0.02
TOTAL PHOSPHATE MG PER L	0.04	0.04	0.50	0.02	0.02	0.01	0.02	0.04

MISCELLANEOUS 4	OKANAGAN RIVER - N OF PENTICTON PLANT							
	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS	13					23	7	5
ANABAENA SP.							3	
ANABAENA SPIROIDES						5		
APHANIZONMENON FLOS-AQUAE						2		
APHANOTHECE MICROSCOPICA						14	92	179
APHANOTHECE NIDULANS							16	63
ASTERIONELLA FORMOSA	23					1	8	6
CLOSTERIUM SP.						4	7	
COELOSPHAERIUM NAEGELIANUM							22	
CRYPTOMONAS OVATA						169	151	165
CYCLOTELLA MICHIGANIANA	3						1	6
DICTYOSPHAERIUM PULCHELLUM							2	
DINOBRYON SERTULARIA			17	8		14	15	27
ELAKATOTHRIX GELATINOSA						5	11	13
FRAGILARIA ARCUS				24				
FRAGILARIA CROTONENSIS	153	48	120		12	30	10	19
FRAGILARIA LEPTOSTAURON	23					8	6	1
LYNGBYA LIMNETICA	30		13	18		31	38	64
MALLOMONAS SP.	3					2	5	2
MELOSIRA SPP.	107	20				18	18	51
NAVICULA SP.	97					54	17	34
OOCYSTIS SP.	17					21	10	30
OSCILLATORIA SPP.								1
PERIDINIUM SP.						2		2
SCENEDESMUS SPP.						10	11	
SPONDYLOSIUM SP.						3		
SPHAEROCYSTIS SCHROETERI						5	4	14
SYNEDRA ACUS	93					29	11	23
SYNEDRA SP. (LARGE)							6	
TABELLARIA SPP.	90					2	6	2

MISCELLANEOUS 5 OKANAGAN RIVER - S OF PENTICTON PLANT	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	6.6	22.7	17.7	18.3	25.0	23.8	22.2
ELECTRICAL CONDUCTIVITY MICROMHMOS	140.	100.	130.	130.	125.	170.	160.	130.
TOTAL RESIDUE MG PER L	180.	121.	141.	146.	92.	132.	100.	102.
VOLATILE SOLIDS MG PER L	49.0	NNNNNNN	50.0	42.0	20.0	40.0	34.0	46.0
PH METER READINGS	8.5	8.2	8.5	8.5	8.5	8.3	8.7	8.6
BICARBONATE ION MG PER L	87.	91.	95.	90.	62.	79.	81.	74.
CARBONATE ION MG PER L	7.0	0.0	1.8	2.4	1.5	3.0	1.8	0.6
CALCIUM ION MG PER L	31.3	26.4	36.3	34.2	29.6	36.0	24.5	27.2
CHLORIDE ION MG PER L	3.9	1.8	5.7	2.8	2.0	3.3	3.4	3.2
MAGNESIUM ION MG PER L	8.7	8.7	9.2	9.2	6.1	4.7	8.4	9.3
SILICATE ION (SIO2) MG PER L	3.8	5.7	6.3	6.7	7.2	7.2	6.5	6.4
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	35.	NNNNNNN	26.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.32	0.28	1.01	0.61	0.67	0.97	1.33	0.58
NITRATE-NITROGEN MG PER L	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.17
TOTAL PHOSPHATE MG PER L	0.07	0.11	1.96	0.64	0.23	0.42	0.18	NNNNNNN

MISCELLANEOUS 5 OKANAGAN RIVER - S OF PENTICTON PLANT	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						4	3	3
ANABAENA SP.							1	
ANABAENA FLOS-AQUAE						5		
APHANIZONMENON FLOS-AQUAE						2	1	
APHANOTHECE MICROSCOPICA						103	31	79
APHANOTHECE NIDULANS							20	34
ASTERIONELLA FORMOSA						1	1	
CLOSTERIUM SP.						4		
COELOSPHAERIUM NAEGELIANUM							14	
CRUCIGENIA QUADRATA							4	
CRYPTOMONAS OVATA						96	84	78
DINOBRYON SERTULARIA			2			2	9	21
ELAKATOTHRIX GELATINOSA						6	1	3
FRAGILARIA CROTONENSIS	10		108	48	12			10
FRAGILARIA LEPTOSTAURON						18		6
LYNGBYA LIMNETICA			2	5		24	31	112
MALLOMONAS SP.						3	1	2
MELOSIRA SPP.	10	20				29	11	31
NAVICULA SP.						26	21	21
NITZSCHIA SP.						1		1
OOCYSTIS SP.						19	18	7
PERIDINIUM SP.						1	1	
SCENEDESMUS SPP.								4
SPONDYLOSIUM SP.							1	
SPHAEROCYSTIS SCHROETERI						4	13	
SYNEDRA ACUS						8	5	12
SYNEDRA SP. (LARGE)							6	
TABELLARIA SPP.				9	4	4	4	
ULOTHRIX SP.								5

MISCELLANEOUS 6 ALYMER CANNERY OUTFALL

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE			23.8	18.8	24.4	27.7	18.3	
ELECTRICAL CONDUCTIVITY MICROMHMOS	340.		90.	65.	40.	150.	50.	
TOTAL RESIDUE MG PER L	1322.		125.	3154.	356.	5139.	183.	
VOLATILE SOLIDS MG PER L	940.0		74.0	2792.0	24.0	5039.0	154.0	
PH METER READINGS	8.6		7.5	4.2	5.5	3.9	6.1	
BICARBONATE ION MG PER L	21.		24.	0.	9.	0.	0.	
CARBONATE ION MG PER L	0.0		0.0	0.0	0.0	0.0	0.0	
CALCIUM ION MG PER L	10.4		10.8	12.8		11.2		
CHLORIDE ION MG PER L	424.0		17.5	4.6	3.6	5.1	2.5	
MAGNESIUM ION MG PER L	2.2		1.4	1.4	0.8	0.8	1.2	
SILICATE ION (SIO2) MG PER L	0.2		2.2	2.6	8.4	4.6	1.0	
SULPHATE ION MG PER L					3.		8.	
AMMONIA-NITROGEN MG PER L	0.24		0.16	0.01	0.05	0.02	0.06	
NITRATE-NITROGEN MG PER L	1.40		0.27	0.45	0.19		0.19	
TOTAL PHOSPHATE MG PER L	1.14		0.34	0.17	0.14	1.18	0.21	

MISCELLANEOUS 6 ALYMER CANNERY OUTFALL

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						1		
ANABAENA SP.							3	
APHANIZONMENON FLOS-AGUAE						1		
APHANOTHECE MICROSCOPICA							7	
ASTERIONELLA FORMOSA							3	
CLADOPHORA SP.						1536	1836	
CLOSTERIUM SP.						3		
CRYPTOMONAS OVATA						25	90	
CYCLOTELLA MICHIGANIANA	2							
DINOBRYON SERTULARIA							7	
FRAGILARIA ARCUS	60							
FRAGILARIA CROTONENSIS	10							
FRAGILARIA LEPTOSTAURON							3	
LYNGBYA LIMNETICA			16			1	10	
NAVICULA SP.						7	13	
OOCYSTIS SP.							3	
OSCILLATORIA SPP.						41	30	
PERIDINIUM SP.							2033	
SCENEDESMUS SPP.						24000		
SYNEDRA ACUS							13	
TABELLARIA SPP.	2						7	

MISCELLANEOUS 7 SHINGLE CREEK - W PENTICTON

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE		7.7	25.5	15.0	17.7	23.3		
ELECTRICAL CONDUCTIVITY MICROMHMOS	50.	40.	70.	110.	105.	190.		
TOTAL RESIDUE MG PER L	139.	89.	82.	156.	88.	162.		
VOLATILE SOLIDS MG PER L	80.0	57.0	36.0	36.0	16.0	62.0		
PH METER READINGS	8.5	8.2	8.5	8.4	8.3	7.6		
BICARBONATE ION MG PER L	38.	43.	57.	98.	80.	109.		
CARBONATE ION MG PER L	5.0	0.0	0.6	0.0	0.9	0.0		
CALCIUM ION MG PER L	10.8	8.4	14.0	27.8	23.2	33.6		
CHLORIDE ION MG PER L	1.5	1.1	1.3	1.5	1.2	2.1		
MAGNESIUM ION MG PER L	2.1	2.2	3.6	7.5	5.4	6.7		
SILICATE ION (SIO2) MG PER L	10.1	11.8	12.9	19.8	16.1	22.4		
SULPHATE ION MG PER L					3.			
AMMONIA-NITROGEN MG PER L	0.03	0.03	0.04	0.04	0.04	0.10		
NITRATE-NITROGEN MG PER L	0.08	0.06	0.08	0.05	0.07	0.02		
TOTAL PHOSPHATE MG PER L	0.11	0.07	0.09	0.05	0.05	0.01		

MISCELLANEOUS 7 SHINGLE CREEK - W PENTICTON

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						400		
ASTERIONELLA FORMOSA						50		
CLOSTERIUM SP.						230		
CRYPTOMONAS OVATA		3				7910		
FRAGILARIA LEPTOSTAURON						480		
LYNGBYA LIMNETICA						180		
MALLOMONAS SP.						42		
MELOSIRA SPP.						115		
NAVICULA SP.						1670		
NITZSCHIA SP.						200		
OOCYSTIS SP.						285		
OSCILLATORIA SPP.						50		
SYNEDRA ACUS				1		970		

MISCELLANEOUS 8 — MCINTYRE CREEK AT VASEUX CREEK

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	12.2	11.6	12.2	17.2	NNNNNN	NNNNNN	NNNNNN
ELECTRICAL CONDUCTIVITY MICROMHMOS	20.	30.	30.	30.	50.	NNNNNN	NNNNNN	NNNNNN
TOTAL RESIDUE MG PER L	104.	53.	43.	47.	49.	NNNNNN	NNNNNN	NNNNNN
VOLATILE SOLIDS MG PER L	60.0	64.0	22.0	21.0	11.0	NNNNNN	NNNNNN	NNNNNN
PH METER READINGS	8.5	8.9	8.6	8.9	8.4	NNNNNN	NNNNNN	NNNNNN
BICARBONATE ION MG PER L	21.	NNNNNNN	85.	33.	70.	NNNNNN	NNNNNN	NNNNNN
CARBONATE ION MG PER L	0.0	NNNNNNN	0.0	0.6	0.0	NNNNNN	NNNNNN	NNNNNN
CALCIUM ION MG PER L	5.6	5.6	8.2	9.8	10.4	NNNNNN	NNNNNN	NNNNNN
CHLORIDE ION MG PER L	1.1	0.8	0.5	0.9	0.9	NNNNNN	NNNNNN	NNNNNN
MAGNESIUM ION MG PER L	0.7	1.0	1.5	2.2	2.6	NNNNNN	NNNNNN	NNNNNN
SILICATE ION (SIO2) MG PER L	5.1	12.4	9.4	15.2	16.8	NNNNNN	NNNNNN	NNNNNN
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	5.	NNNNNN	NNNNNN	NNNNNN
AMMONIA-NITROGEN MG PER L	0.02	0.04	0.02	0.03	0.06	NNNNNN	NNNNNN	NNNNNN
NITRATE-NITROGEN MG PER L	0.09	0.06	0.10	0.07	0.16	NNNNNN	NNNNNN	NNNNNN
TOTAL PHOSPHATE MG PER L	0.07	NNNNNNN	0.04	0.02	0.03	NNNNNN	NNNNNN	NNNNNN

MISCELLANEOUS 8 — MCINTYRE CREEK AT VASEUX CREEK

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
OSCILLATORIA SPP.			1					

MISCELLANEOUS 9 TUGULNUIT LAKE OUTLET	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	17.2	20.0	17.2	21.6	24.4	22.2	25.0
ELECTRICAL CONDUCTIVITY MICROMHMOS	190.	170.	180.	140.	170.	190.	200.	170.
TOTAL RESIDUE MG PER L	217.	179.	143.	197.	150.	161.	127.	162.
VOLATILE SOLIDS MG PER L	121.0	63.0	62.0	60.0	31.0	57.0	40.0	62.0
PH METER READINGS	8.6	8.9	8.4	9.0	8.7	8.4	8.5	8.6
BICARBONATE ION MG PER L	110.	120.	101.	112.	118.	84.	96.	112.
CARBONATE ION MG PER L	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALCIUM ION MG PER L	26.4	24.0	23.2	27.8	33.4	24.0	20.4	27.2
CHLORIDE ION MG PER L	3.1	2.1	2.4	2.4	2.5	2.7	2.1	2.6
MAGNESIUM ION MG PER L	14.3	11.0	14.5	14.2	12.2	8.7	13.6	16.0
SILICATE ION (SIO2) MG PER L	3.3	6.7	7.9	8.4	6.4	10.7	11.0	10.5
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	48.	NNNNNNN	32.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.05	0.04	0.04	0.08	0.07	0.05	0.08	0.06
NITRATE-NITROGEN MG PER L	0.02	0.01	0.01	0.02	0.03	0.01	0.02	0.02
TOTAL PHOSPHATE MG PER L	0.07	NNNNNNN	0.09	0.09	0.07	0.05	0.07	0.13

MISCELLANEOUS 9 TUGULNUIT LAKE OUTLET	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
AMPHORA OVALIS						20	9	8
ANKISTRODESMUS FALCATUS						113	167	133
ANABAENA SP.	626				4		33	17
ANABAENA SPIROIDES						3		
APHANIZOMENON FLOS-AQUAE		742				103	233	200
APHANOTHECE MICROSCOPICA			83			200	45	75
APHANOTHECE NIDULANS								60
ASTERIONELLA FORMOSA		50	16	8		83	25	
CERATIUM HIRUNDINELLA					10			
CHROOCOCCUS SP.						103	117	183
CLOSTERIUM SP.		80				23	75	
COCCONEIS SP.						33	42	3
COELOSPHAERIUM NAEGELIANUM						43	17	
CRUCIGENIA QUADRATA							60	67
CRYPTOMONAS OVATA		5550	16		14	233	100	119
DICTYOSPHAERIUM PULCHELLUM							33	
DINOBRYON SERTULARIA		150	25	171	49	290	60	8
ELAKATOTHRIX GELATINOSA						23	33	25
FRAGILARIA ARCUS				12				
FRAGILARIA CROTONENSIS		183	144	360	204	253	367	
FRAGILARIA LEPTOSTAURON						143	460	295
FRANCEIA SP.						53	17	67
KIRCHNERIELLA SP.							33	50
LYNGBYA LIMNETICA	928	860	2		74	643	2183	1667
MALLOMONAS SP.		10				13	25	25
MELOSIRA SPP.	470	4350	100		80	900	1767	300
MERISMOPEDIA SP.							233	43
NAVICULA SP.		10				40	150	43
NITZSCHIA SP.						13	75	25
OOCYSTIS SP.						183	300	325
OSCILLATORIA SPP.						13	50	60
PERIDINIUM SP.		20				3	17	
SCENEDESMUS SPP.	120	23000	18	8		247	1200	1300
SPONDYLOSIUM SP.						27	60	100
SPHAEROCYSTIS SCHROETERI		10				7	33	
STEPHANODISCUS SP.							25	
SYNECHOCYSTIS SP.								17
SYNEDRA ACUS	858	3768			40	540	650	325

MISCELLANEOUS 10 PARK RILL (NW OF OLIVER)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
ELECTRICAL CONDUCTIVITY MICROMHMOS	250.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
TOTAL RESIDUE MG PER L	259.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
VOLATILE SOLIDS MG PER L	124.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
PH METER READINGS	8.6	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
BICARBONATE ION MG PER L	226.	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
CARBONATE ION MG PER L	0.0	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
CALCIUM ION MG PER L	30.4	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
CHLORIDE ION MG PER L	4.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
MAGNESIUM ION MG PER L	34.5	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
SILICATE ION (SIO2) MG PER L	5.1	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.02	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
NITRATE-NITROGEN MG PER L	0.02	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN
TOTAL PHOSPHATE MG PER L	0.04	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN	NNNNNNN

MISCELLANEOUS 10 PARK RILL (NW OF OLIVER)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
CYMBELLA SP.	11							

MISCELLANEOUS 11 OKANAGAN FALLS (S OF SKAHA LAKE)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	12.2	18.3	18.3	19.4	23.3	21.1	21.6
ELECTRICAL CONDUCTIVITY MICROMHMOS	140.	120.	130.	120.	130.	150.	150.	140.
TOTAL RESIDUE MG PER L	176.	152.	131.	103.	107.	107.	119.	118.
VOLATILE SOLIDS MG PER L	72.0	69.0	58.0	44.0	24.0	48.0	35.0	52.0
PH METER READINGS	8.6	8.4	8.5	8.7	8.8	8.6	9.0	9.0
BICARBONATE ION MG PER L	97.	90.	91.	79.	85.	58.	67.	81.
CARBONATE ION MG PER L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALCIUM ION MG PER L	27.6	24.0	30.4	26.9	23.2	24.8	21.2	24.0
CHLORIDE ION MG PER L	2.0	1.0	1.6	1.8	1.9	1.6	1.5	2.0
MAGNESIUM ION MG PER L	9.8	8.3	8.6	8.4	8.2	7.8	8.7	9.7
SILICATE ION (SIO2) MG PER L	3.4	3.0	3.0	3.8	6.7	3.2	1.8	3.8
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	22.	NNNNNNN	18.	NNNNNNN	26.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.04	0.04	0.07	0.04	0.05	0.05	0.06	0.04
NITRATE-NITROGEN MG PER L	0.02	0.02	0.02	0.02	0.03	0.05	0.01	0.11
TOTAL PHOSPHATE MG PER L	0.06	NNNNNNN	0.04	0.04	0.03	0.02	0.05	0.13

MISCELLANEOUS 11 OKANAGAN FALLS (S OF SKAHA LAKE)

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
ANABAENA SP.		11				16	360	390
ANABAENA CIRCINALIS				5	5	5		
ANABAENA FLOS-AQUAE				58	4	13		
APHANIZONMENON FLOS-AQUAE							13	203
APHANOTHECE MICROSCOPICA							1090	813
APHANOTHECE NIDULANS							10	73
ASTERIONELLA FORMOSA	206	408	40	8			10	3
CHROOCOCCUS SP.							150	47
CHLAMYDOMONAS SP.	127							
COCCONEIS SP.								3
COELOSPHAERIUM NAEGELIANUM								23
CRUCIGENIA QUADRATA							3	7
CRYPTOMONAS OVATA		75	2	5	20		196	253
CYCLOTELLA MICHIGANIANA							10	7
DINOBRYON SERTULARIA			3		2		133	53
ELAKATOTHRIX GELATINOSA							13	3
FRAGILARIA ARCUS		12	24					
FRAGILARIA CROTONENSIS	50	120	48	12			117	7
FRAGILARIA LEPTOSTAURON							57	33
LYNGBYA LIMNETICA						5	123	133
MALLOMONAS SP.							17	57
MELOSIRA SPP.							20	67
NAVICULA SP.							3	
OOCYSTIS SP.							67	110
OSCILLATORIA SPP.	2	35	44					
STEPHANODISCUS SP.							20	33
SYNECHOCYSTIS SP.							13	37
SYNEDRA ACUS							7	20
TABELLARIA SPP.			2		16		13	3
ULOTHRIX SP.					10		30	17

MISCELLANEOUS 12 N OF OSOYOOS LAKE

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	12.7	18.3	18.8	20.0	22.2	20.0	22.2
ELECTRICAL CONDUCTIVITY MICROMHMOS	120.	120.	140.	140.	140.	165.	160.	150.
TOTAL RESIDUE MG PER L	191.	139.	139.	112.	118.	122.	124.	113.
VOLATILE SOLIDS MG PER L	66.0	71.0	92.0	44.0	41.0	32.0	40.0	47.0
PH METER READINGS	8.5	8.5	8.5	8.5	8.7	8.4	8.6	8.6
BICARBONATE ION MG PER L	82.	91.	85.	95.	85.	84.	74.	71.
CARBONATE ION MG PER L	3.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0
CALCIUM ION MG PER L	30.4	36.0	30.4	26.8	32.0	30.4	24.5	23.2
CHLORIDE ION MG PER L	1.8	1.8	1.6	1.5	1.6	2.3	1.9	2.1
MAGNESIUM ION MG PER L	6.3	7.3	8.6	6.8	9.2	9.8	9.0	10.3
SILICATE ION (SIO2) MG PER L	4.5	6.7	4.8	4.9	5.4	4.3	4.7	5.2
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	22.	NNNNNNN	25.	NNNNNNN	28.	NNNNNNN
AMMONIA-NITROGEN MG PER L	0.03	0.03	0.07	0.06	0.07	0.06	0.05	0.04
NITRATE-NITROGEN MG PER L	0.01	0.05	0.02	0.03	0.03	0.10	0.03	0.04
TOTAL PHOSPHATE MG PER L	0.09	0.05	0.03	0.05	0.04	0.12	0.05	0.04

MISCELLANEOUS 12 N OF OSOYOOS LAKE

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
ANKISTRODESMUS FALCATUS							14	3
ANABAENA SP.							10	73
APHANIZONMENON FLOS-AQUAE								23
APHANOTHECE MICROSCOPICA							20	57
APHANOTHECE NIDULANS							20	
ASTERIONELLA FORMOSA	168	152					7	
CHROOCOCCUS SP.							13	23
COCCONEIS SP.							53	107
CRUCIGENIA QUADRATA								17
CRYPTOMONAS OVATA		42					143	96
CYCLOTELLA MICHIGANIANA							13	10
DINOBRYON SERTULARIA							30	3
ELAKATOTHRIX GELATINOSA							7	
FRAGILARIA ARCUS			156					
FRAGILARIA CROTONENSIS		36					13	23
FRAGILARIA LEPTOSTAURON							47	47
LYNGBYA LIMNETICA							13	13
MALLOMONAS SP.							7	7
MELOSIRA SPP.							147	53
NAVICULA SP.							47	43
NITZSCHIA SP.							3	7
OOCYSTIS SP.							57	37
OSCILLATORIA SPP.	15	18					7	10
PERIDINIUM SP.							3	
SCENEDESMUS SPP.							143	33
SPONDYLOSIUM SP.							3	
STEPHANODISCUS SP.							10	3
SYNEDRA ACUS	210					10	10	17
SYNEDRA SP. (LARGE)							3	
TABELLARIA SPP.			12	6				
ULOTHRIX SP.							7	

MISCELLANEOUS 13 ELLIS CREEK - PENTICTON

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
TEMPERATURE DEGREES CENTIGRADE	NNNNNNN	10.0	21.6	15.0	16.1NNNNNNNNNNNNNNNNNNNNN			
ELECTRICAL CONDUCTIVITY MICROMHMOS	20.	20.	30.	50.	70.NNNNNNNNNNNNNNNNNNNNN			
TOTAL RESIDUE MG PER L	111.NNNNNNN		158.	103.	111.NNNNNNNNNNNNNNNNNNNNN			
VOLATILE SOLIDS MG PER L	73.0	74.0	75.0	33.0	34.0NNNNNNNNNNNNNNNNNNNNN			
PH METER READINGS	8.4	8.1	8.0	8.1	7.8NNNNNNNNNNNNNNNNNNNNN			
BICARBONATE ION MG PER L	15.	15.	30.	36.	31.NNNNNNNNNNNNNNNNNNNNN			
CARBONATE ION MG PER L	0.0	0.0	0.0	0.6	0.9NNNNNNNNNNNNNNNNNNNNN			
CALCIUM ION MG PER L	4.0	5.6	6.4	11.4	9.6NNNNNNNNNNNNNNNNNNNNN			
CHLORIDE ION MG PER L	1.2	0.8	1.1	2.1	18.2NNNNNNNNNNNNNNNNNNNNN			
MAGNESIUM ION MG PER L	0.5	1.1	1.0	2.2	1.8NNNNNNNNNNNNNNNNNNNNN			
SILICATE ION (SIO2) MG PER L	1.4	10.2	8.7	19.0	18.8NNNNNNNNNNNNNNNNNNNNN			
SULPHATE ION MG PER L	NNNNNNN	NNNNNNN	0.	NNNNNNN	5.NNNNNNNNNNNNNNNNNNNNN			
AMMONIA-NITROGEN MG PER L	0.02	0.03	0.07	0.06	0.06NNNNNNNNNNNNNNNNNNNNN			
NITRATE-NITROGEN MG PER L	0.09	0.01	0.05	0.13	0.11NNNNNNNNNNNNNNNNNNNNN			
TOTAL PHOSPHATE MG PER L	0.17	0.04	0.08	0.17	0.12NNNNNNNNNNNNNNNNNNNNN			

MISCELLANEOUS 13 ELLIS CREEK - PENTICTON

	5/13	5/28	6/10	6/23	7/7	7/23	8/6	8/18
FRAGILARIA ARCUS					2			
SYNEDRA ACUS					71			