

Table 4. Comparison of mean monthly chlorophyll a (Chl a), total phosphorus (TP), and soluble reactive phosphorus (SRP) concentrations for nearshore sites in eastern and western Lake Ontario, May-October, 2003-2004; east/west division based on 77.8° W longitude. Note: "nd" indicates no data were collected for that time period.

Month	Chl a (mg/L)		TP (mg/L)		SRP (mg/L)	
	East	West	East	West	East	West
<b>2003</b>						
May	1.1	0.8	8.0	7.9	3.0	2.8
June	3.1	2.2	8.1	7.4	2.5	2.3
July	1.6	1.5	8.3	7.7	3.0	2.5
August	3.1	1.5	10.2	7.0	2.6	2.2
September	1.3	1.7	12.3	10.5	2.8	3.0
October	1.2	1.4	13.4	8.2	3.0	3.6
<b>Mean</b>	<b>1.9</b>	<b>1.5</b>	<b>10.0</b>	<b>8.1</b>	<b>2.8</b>	<b>2.8</b>
<b>2004</b>						
May	2.7	nd	12.84	8.54	2.8	2.9
June	2.3	1.6	10.80	6.09	2.1	2.4
July	2.0	1.9	16.79	7.45	2.0	2.0
August	2.5	2.5	8.14	8.96	2.6	2.5
September	1.6	1.0	9.69	9.67	3.4	4.2
October	1.0	nd	6.56	nd	4.1	nd
<b>Mean</b>	<b>2.0</b>	<b>1.7</b>	<b>10.8</b>	<b>8.1</b>	<b>2.8</b>	<b>2.8</b>

Table 5. East-west comparisons of mean zooplankton density, average size and biomass for nearshore sites, May - October 2004. P-values based on paired t-tests done on log (x+1) transformed density and biomass data, and untransformed average size data. Italics indicate  $p < 0.05$ , bold indicates  $p < 0.001$ . East-west division based on 77.8°W longitude.

Parameter	Mean		p-value
	East	West	
Density (#/L)	32.37	43.17	0.980
Average Size (mm)	0.52	0.55	0.413
Biomass (µg/L)	43.72	92.01	0.756
<i>Cercopagis</i> density (#/L)	0.25	0.14	0.251
<i>Cercopagis</i> biomass (µg/L)	2.05	1.20	0.203

Table 6. East-west comparisons of zooplankton densities, average size, and biomass for offshore sites during mid-July to mid-August 2004. P-values are based on t-tests assuming unequal variances performed on log(x+1) transformed biomass and density data, and untransformed average size data. Italics indicate  $p < 0.05$ . East-west division based on 77.8°W longitude.

Parameter	Mean		p-value
	East	West	
<b>Kaho and Seth Green</b>			
Density (#/L)	23.78	22.86	0.362
Average Size (mm)	0.71	0.81	0.020
Biomass (µg/L)	63.15	79.57	0.117
<i>Cercopagis</i> density (#/L)	0.38	0.34	0.992
<i>Cercopagis</i> biomass (µg/L)	3.15	3.23	0.706