TABLE 1.
WALKER LAKE - WATER CHEMISTRY
Ulanoski and Shertzer 1981

	Location	Dam						Mid-lake	
		April 15, 1980		June 24, 1980		August 4, 1980		June 24, 1980	August 4, 1980
Parameter	Units	1 meters	9 meters	1 meters	8 meters	1 meters	8 meters	1 meter	1 meter
Field Parameters									
pH		7.1	7.1	8.5	6.6	8.1	6.2	8.8	8.3
Conductance	µmhos/cm	85	85	95	97	115	121	98	115
Diss. O_2	mg/l	9.2	7.0	8.5	0.5	7.8	0.8	9.5	8.2
Temp.	^oC	13.0	11.5	23.3	11.2	25.5	15.7	23.3	25.9
Secchi	meters	-	-	2.24	-	1.65	-	1.65	0.89
Laboratory Parameters									
Color	Pt/c	-	-	<5	40	<5	160	10	10
Chlorophyll a	µg/l	2.870	-	2.298	-	4.526	-	3.223	6.277
Carbon, organic-total	mg/l	37	-	7	-	-	-	3	-
Alkalinity	mg/l	4	-	36	40	42	50	38	42
Hardness-total	mg/l	25	25	40	40	46	46	40	46
Diss. Solids	mg/l	56	42	106	72	138	96	82	56
NH_3-N	mg/l	0.02	0.06	0.08	0.57	0.07	0.89	0.05	0.07
NO_2-N	mg/l	0.012	0.014	0.002	0.024	0.012	0.010	0.010	0.002
NO_3-N	mg/l	0.81	0.83	0.22	0.02	0.03	0.13	0.15	0.04
N-organic	mg/l	0.30	0.30	0.03	0.03	0.93	-	0.25	0.93
N-Kjeldahl	mg/l	0.40	0.40	0.30	0.60	1.00	-	0.30	1.00
P-total	mg/l	0.04	0.04	0.02	0.03	0.01	0.03	0.03	0.02
Ortho-P-total	mg/l	0.010	0.020	<0.010	<0.010	0.002	0.005	<0.010	0.005
Ortho-P-diss.	mg/l	0.010	0.020	<0.010	<0.010	0.003	0.018	<0.010	0.005
Ca-diss.	mg/l	10.3	10.7	11.2	10.8	12.9	13.1	11.9	13.8
Mg-diss.	mg/l	10.3	10.7	2.6	2.4	3.0	3.6	2.7	3.1
Cl-diss.	mg/l	5	5	3	4	4	4	4	4
SO_4-diss.	mg/l	25	25	15	5	20	20	10	18
Fe-diss.	µg/l	90	80	80	940	11	4900	50	80
Mn-diss.	µg/l	10	10	20	1620	10	1900	10	10
Si-diss.	mg/l	<20	<20	<20	<20	1.36	3.06	<20	1.57
Na-diss.	mg/l	1.54	1.65	1.38	1.2	1.32	1.38	1.26	1.26
K-diss.	mg/l	1.54	1.65	1.24	1.32	0.96	1.48	1.10	0.92
Floride-diss.	mg/l	0.12	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10