

**TABLE 3.**  
**WALKER LAKE - WATER CHEMISTRY**  
**Dam Location**  
**DEP**

		Units	7/31/2002 Surface	7/31/2002 Bottom	6/25/2003 Surface	6/25/2003 Bottom
Field Parameters						
pH		pH units	9.12	6.73	8.07	6.75
Diss. O <sub>2</sub>		mg/l	10.12	1.11	11.29	0.08
Temp.		C	27.35	13.74	20.55	11.46
Laboratory Parameters						
pH		pH units	8.8	6.7	7.9	6.9
Chlorophyll A		mg/l	0.059	-	0.0093	-
Carbon, organic-total		mg/l	5.3	5.4	4.6	4.7
Alkalinity		mg/l	46	56	32.6	40.4
Hardness-total		mg/l	55	53	42	45
Susp. Sol.		mg/l	8	12	6	20
NH <sub>3</sub> -N		mg/l	<0.02	1.17	<0.02	0.72
N-total		mg/l	0.78	0.8	1.31	1.35
P-total		mg/l	0.033	0.071	0.021	0.065
Ca-total		mg/l	15.8	14.7	12.5	13.3
Mg-total		mg/l	3.77	3.95	2.73	2.84
SO <sub>4</sub>		mg/l	11.6	6.6	8.46	8.79
Cu-diss.		µg/l	<4	<4	<4	<4
Cu-total		µg/l	<4	<4	<4	<4
Fe-diss.		µg/l	<20	4430	99	125
Fe-total		µg/l	299	3370	330	1740
Pb-diss.		µg/l	<1	<1	<1	<1
Pb-total		µg/l	<1	<1	<1	<1
Mn-diss.		µg/l	6.9	1188	<2	600
Mn-total		µg/l	29.8	1046	14.1	655
Zn-diss.		µg/l	<5	<5	<5	<5
Zn-total		µg/l	<5	<5	<5	<5
Al-total		µg/l	309	453	197	487
Al-diss.		µg/l	48	32.9	<10	21.6
Specific Conductance		µmhos/cm	136	162	107	124

