

TABLE 2.
LAKE LUXEMBOURG - WATER CHEMISTRY
DAM and UPLAKE LOCATIONS
DEP

Sampling Location : DAM	Date	4/29/2004		7/21/2004		8/17/2004		10/13/2004	
Parameter	Units	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
Alkalinity	mg/l	45.4	48.2	59.4	57.4	60.4	59.4	37.2	39
Phosphorus	mg/l	0.068	0.089	0.058	0.072	-	-	0.08	0.099
Nitrogen Total	mg/l	2.14	2.12	0.88	1.1	1.29	1.53	1.56	1.64
Total Suspended Solids	mg/l	26	20	6	2	14	10	6	6
Chla	mg/l	0.081	-	0.0498	-	0.1059	-	-	-
Secchi	meter	0.49	-	0.58	-	0.42	-	0.5	-

Sampling Location: UPLAKE	Date	4/29/2004	7/21/2004	8/17/2004	10/13/2004
Parameter	Units	Surface	Surface	Surface	Surface
Alkalinity	mg/l	46.8	59.6	59.8	38.4
Phosphorus	mg/l	0.099	0.09	-	0.089
Nitrogen Total	mg/l	2.12	1.04	2.14	1.64
Total Suspended Solids	mg/l	20	12	40	12
Chla	mg/l	0.078	0.0685	0.0908	-
	meter	0.48	0.57	0.33	0.5