

NA = NOT ANALYZED

	Site 1 Fall	Site 2 Fall	Site 1 Spring	Site 2 Spring	Site 1 Summer	Site 2 Summer
SAMPLING DATE	9/27/88	9/27/88	4/24/89	4/24/89	7/12/89	7/12/89
LAST PRECIPITATION	9/25/88	9/25/88	4/19/89	4/19/89	7/11/89	7/11/89
FECAL COLIFORM (MPN/100 ML)	920	350	30	110	130	40
ENTEROCOCCUS (MPN/100 ML)	NA	NA	6	4	1	1
ORTHO-PHOSPHATE (MG/L)	<.061	<.061	<.12	<.12	<.12	<.12
NITRATE (MG/L)	<.013	<.013	0.15	1.5	<.013	<.013
AMMONIA (MG/L)	0.09	0.1	0.18	0.38	0.07	0.13
TKN (MG/L)	NA	NA	3.83	2.57	2.64	2.29
WATER TEMPERATURE (C)	19.3	19	11.5	11.5	25.5	25.8
DISSOLVED OXYGEN (MG/L)	8.3	8.8	9.4	10	7.8	7.5
SECCHI DISK (METERS)	0.3	0.3	0.3	0.3	0.3	0.3
DEPTH (METERS)	0.6	0.7	0.6	0.8	0.6	0.6
pH (0-14)	8	8.7	5.7	5.7	9.1	8.6
SALINITY (0/00)	0.01	0.5	0	0	0	0
CHLOROPHYLL A (MG/M3)	NA	NA	20	16	35.46	37.78
GREEN ALGAE (%)	88.9	85.6	94.5	94.3	54.4	61.5
DINOFLLAGELLATES (%)	0.04	0.06	0	0	0	0
GOLDEN-BROWN (%)	0.4	0.4	0	0	0	0
BLUE-GREEN (%)	2.2	3.2	0.5	0.4	31.9	33.8
FLAGELLATES (%)	4.3	4.2	0	0	0	0
MOTILE GREEN (%)	0	0	0	0	10.8	3
DIATOM (%)	0.2	0.3	1.8	2	2.3	1.5
COLORLESS/BROWN (%)	0	0	1.6	1.7	0.6	0.3
YELLOW GREEN (%)	0	0	0	0	0	0
EUGLENOID (%)	0	0	0.3	0	0	0
GOLDEN (%)	0	0	1.4	0.7	0	0
RUPTURED CELLS (%)	3.9	6.3	0	0	0	0
TOTAL # CELLS/ML	267090	277762	99122	98194	27492	35380

SYLVAN LAKE