

NA = NOT ANALYZED

	Site 1 Fall	Site 2 Fall	Site 1 Spring	Site 2 Spring	Site 1 Summer	Site 2 Summer
SAMPLING DATE	10/18/88	10/18/88	5/1/89	5/1/89	7/19/89	7/12/89
LAST PRECIPITATION	10/8/88	10/8/88	4/30/89	4/30/89	7/17/89	7/17/89
FECAL COLIFORM (MPN/100 ML)	130	170	2	30	130	170
ENTEROCOCCUS (MPN/100 ML)	NA	NA	25	33	15	1
ORTHO-PHOSPHATE (MG/L)	<.061	<.061	<.12	<.12	<.12	<.12
NITRATE (MG/L)	0.08	0.03	0.16	0.15	0.71	0.71
AMMONIA (MG/L)	0.098	0.159	1.46	0.95	0.18	0.2
TKN (MG/L)	NA	NA	1.92	1.2	1.06	3
WATER TEMPERATURE (C)	15.1	14.4	15.2	14.3	22.4	22.3
DISSOLVED OXYGEN (MG/L)	9.4	8.3	12.4	11.5	7.9	5.8
SECCHI DISK (METERS)	1.45	1.45	0.4	0.5	0.8	0.9
DEPTH (METERS)	2.3	3.2	2.7	2.6	2.6	3.6
pH (0-14)	6.9	6.6	10.4	10.2	7.4	7.9
SALINITY (0/00)	0	0	0	0	0	0
CHLOROPHYLL A (MG/M3)	32.51	16.72	51	82	40.77	43.18
GREEN ALGAE (%)	X	X	92	92.8	75.2	76.3
DINOFLLAGELLATES (%)	0	0	0	0	0	0
GOLDEN-BROWN (%)	X	X	0	0	0.09	0
BLUE-GREEN (%)	X	X	0	0.05	21.8	20.6
FLAGELLATES (%)	0	0	0	0	0	0
MOTILE GREEN (%)	0	0	0	0	0.3	0.7
DIATOM (%)	0	0	0.5	1.5	2.6	2.6
COLORLESS/BROWN	0	0	0	0	0.09	0
YELLOW GREEN (%)	0	0	0	0	0	0
EUGLENOID (%)	X	X	0.05	0.1	0	0
GOLDEN (%)	0	0	0	0	0	0
TOTAL # CELLS/ML	X	X	126382	126150	63684	44834

SPRING LAKE