

Lake Samples
M.P.N. also ran
State Lab
(64)

HILLSBOROUGH COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL ENGINEERING LABORATORY
5 Day BOD Determinations
Standard Method *

Set up: 3-1 19 68 Sample source: Silver Lake
Run off: 3-6 19 68 Sampling day: Friday

S A M P L E	Per Cent Dil. (%)	Sample Used A X 3 (ml)	Dil. Factor $\frac{100}{A}$	Initial D.O.		Final D.O.		Blank D.O. Drop	D. O. Drop (E-G)	BOD PPM (C x I)	Ave BOD (PPM)	% Removed	PH	
				Bot. No.	D.O.	Bot. No.	D.O.							
	A	B	C	D	E	F	G	H	I	J	K	L		
1	100	300	1	31	10.5	42	0.4	10	10.1	10.1				M P N
1	50	150	2	35	9.1	41	0.5	0	8.6	17.2	13.6			2400x
2	100	300	1	13	11.3	26	1.5	0	9.8	9.8				2400x
2	50	150	2	33	9.4	29	3.7	0	5.7	11.4	10.6			
3	100	300	1	37	10.3	39	1.0	0	9.3	9.3	9.9			1600
3	50	150	2	43	9.2	45	3.9	0	5.3	10.6				

Initial D.O. of Blank Dilution Water	175	8.5
Final D.O. of Blank Dilution Water	# 176	8.5
D.O. Drop in Blank		

* Using 300 ml BOD Bottles
#1 → STP-outfall of Lake
#2 → South Side of Lake
#3 → East Side of Lake