

Copy to
R. Baker 10/8/79

HILLSBOROUGH COUNTY
ENVIRONMENTAL PROTECTION COMMISSION
1900 9th Ave.
TAMPA, FLORIDA 33605

Sample Location Center Lake Hanna # 1 Sample
Collector (s) Baker / Desnetts Date/Time 10/1/79-1130
Received By N. Roy Date/Time 10/1/79-1330
Remarks _____

Parameter	Value
Dissolved Oxygen	1.5 mg/l
BOD ₅	2.0 mg/l
Nitrates	.08 mg/l
N- Kjel	.03 mg/l
Total Coliform	500/100 mls
Fecal Coliform	300/100 mls

Lab Supervisor L. A. Cardinale Date 10-8-79

1

Fecal Coli. form = 300/100 ml.

Lab Supervisor T. Cardinale Date 10-3-79

HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION
BACTERIOLOGICAL RESULTS
MEMBRANE FILTER DATA SHEET

Location Center of Lake Hama Coll. Date 10-1-79 Time 1130
Collector (s) Baker / Lespett Analyzed by N.R. Date 10-1-79
Received by N. Roy Time 1300 Date 10-1-79

Code: TNTC Too Numerous to Count
T Typical Colonies
AT Atypical Colonies
NC No Colonies

S₂O₃ in Bottle? _____ mg/l
Incub. Time: In _____ Out _____

MF No.	MEDIUM	SAMPLE VOL ML.	COUNT	REMARKS
1	M-Endo	1.0	5	TAT
2	"	0.1	0	AT
1	MFC	1.0	3	TAT
2	"	0.1	0	AT

35.5°C Final Presumptive Coliform Count 500 Colonies/100 ml.

Calculation: $\frac{\text{No. of Colonies of Indicator Organism}}{\text{No. of ml. of Sample filtered}} \times 100 = \text{No. of Colonies/100 ml. Sample}$

44.5° C Final Confirmed Fecal Coliform Count 300 Colonies/100 ml.

Date Due: 10-7-79 (Sun)
 Inc. Temp: 20°C
 Analyzed by: enry

HILLSBOROUGH COUNTY
 ENVIRONMENTAL PROTECTION COMMISSION
 1900-9th Avenue
 Tampa, Florida 33605

FIVE-DAY BOD ANALYSIS - LAB SHEET

Sample Source: Lake Hanna
 Date Collected: 10-2-79 by Boln
 Date Set-up: 10-2-79 by G. Graham

Sample	1#							
Percent Conc.	100%							
mls/liter	1000							
BOD Bottle #	652							
D.O. Meter - Initial	8.11							
D.O. Meter - Final Reading mg/l	6.10							
Actual Depletion mg/l	2.01							
Dilution Factor	1							
BOD mg/l	2.0 X .93 =	1.7						

BOD mg/l = Actual Depletion mg/l X Dilution Factor

Avg. Ins. BOD =

Avg. effs. BOD =

$$\frac{(\text{Avg. Inf. BOD}) - (\text{Avg. Eff. BOD})}{(\text{Avg. Inf. BOD})} = \frac{(\quad) - (\quad)}{(\quad)} \times 100$$

% BOD removal =

% BOD removal =

* Note: Values multiplied by 6-day BOD factor ($5/6 = .93$)