Copy given to R. Boler 10-5-82

HILLSBOROUGH COUNTY
ENVIRONMENTAL PROTECTION COMMISSION
WATER QUALITY REPORT FORM

phone 272 5960

Sample taken by:	Collection Date and Time:	Sampling Depth
E. Leavett	9-30-82	Secchi inches

Location: Lake Carrol

Sample collected off dock at Mrs. Homan Residence at 12101 Lake Carrol Dr.

PARAMETER	UNIT	METHOD	VALUE	PARAMETER	UNIT	METHOD	VALUE
TEMP WATER	DEG C	10		COLI MF	#/100ML	31501	< 100
SECCHI	INCHES	77		FECAL COLI MF	#/100ML	31616	< 100
BOD_5	MG/L	310		FECAL STREP MF	#/100ML	31673	
C ORG TOT	MG/L	680					
DO	MG/L	300		CHL A	UG/L	32210	
PH LAB	STD	403		CHL B	UG/L	32212	
COLOR	PT/CO	80		CHL C	UG/L	32214	
TURBIDITY	NTU	76		CHL TOT	UG/L	32216	
COND LAB	UMHO/CM	95		F DISS	MG/L	950	
SALINITY	PPT	480					
P ORTHO DISS	MG/L	671		RES DISS	MG/L	515	
P TOT	MG/L	665		RES TOT SUSP	MG/L	530	
SO4	MG/L	945					
ORG N	MG/L	605		FE	UG/L	1045	
NH3 N	MG/L	610					
KJEL N	MG/L	625					
NO3 N	MG/L	618					
NO2 N	MG/L	615					
TOT N	MG/L	600					
CL2	MG/L	50060					

Report Prepared By: N. Roy

Lab Supervisor: Tom Cardinale

Date: 10-5-82

HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION
BACTERIALOGICAL RESULTS
MEMBRANE FILTER DATA SHEET

Location Lake Carrol
Collector(s) E. Leavett Coll. Date 9-30-82 Coll. Time —
Rec. by N. Roy Rec. Date 9-30-82 Rec. Time —
Filtered by NR Date filtered 9-30-82 Analyzed by NR Date analyzed 10-1-82

Code: TNTC Too Numerous to Count
T Typical Colonies (indicator organism)
AT Atypical Colonies (non-indicator organism)
TAT Typical and Atypical Colonies
NC No Colonies
CG Confluent Growth

Odor ? —

24 hr. incub. time: In 1500 Out 1330
48 hr. incub. time: In. _____ Out _____

MF NO.	GROWTH MEDIUM	SAMPLE VOL. (ML)	COUNT (ind. org. only)	REMARKS
1	M-Endo	1.0	0	AT
1	MFC	1.0	0	NC

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

35.5 C. Total Coliform Count < 100 Colonies/100 ml
44.5 C. Fecal Coliform Count < 100 Colonies/100 ml
35.5 C. Fecal Strep Count _____ Colonies/100 ml

$\text{Ratio} = \frac{\text{Fecal Coliform}}{\text{Fecal Strep}} =$