

Copy given to E. Lennett 6/18/89

ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY

HRS Laboratory Certification #E44057

1900 9th Ave.  
Tampa, Fla. 33605  
Ph: 272-5960

WATER QUALITY REPORT

sampled by: <i>E. Lennett</i>	collection date - time: <i>5-18-89 - 1205</i>	sampling depth
----------------------------------	--	----------------

Location: *# 905259 Lake Thomasassa / WQM Sta # 135*

reason for sampling: *Fish Kill, Algae Bloom*

Parameter	Unit	Storet	Value	Parameter	Unit	Storet	Value
<i>F</i>	<i>MG/L</i>	<i>950</i>	<i>.61</i>	<i>NH<sub>3</sub>N</i>	<i>MG/L</i>	<i>610</i>	<i>.08</i>
<i>NO<sub>2</sub>+NO<sub>3</sub>N</i>	<i>MG/L</i>	<i>631</i>	<i>K.OI</i>	<i>Turbidity</i>	<i>NTU</i>	<i>76</i>	<i>15</i>
<i>Total Coli</i>	<i>#/100ML</i>	<i>31501</i>	<i>20</i>				
<i>Fecal Coli</i>	<i>#/100ML</i>	<i>31616</i>	<i>20</i>				
<i>BOD5</i>	<i>MG/L</i>	<i>310</i>	<i>6.00</i>				
<i>CHL A</i>	<i>MG/L</i>	<i>32210</i>	<i>58.7</i>				
<i>CHL B</i>	<i>MG/L</i>	<i>32212</i>	<i>0.8</i>				
<i>CHL C</i>	<i>MG/L</i>	<i>32214</i>	<i>9.9</i>				
<i>Total CHL</i>	<i>MG/L</i>	<i>32216</i>	<i>69.4</i>				
<i>COLOR</i>	<i>PT/CO</i>	<i>80</i>	<i>35</i>				
<i>Total P</i>	<i>MG/L</i>	<i>665</i>	<i>.93</i>				

Comments:

J = Estimated value  
 K = Actual value less than reported  
 L = Actual value greater than reported  
 D = Field measurement

prepared by: <i>G. AROUTON</i>	date: <i>6-7-89</i>	lab supervisor: <i>F. Olszewski</i> <i>F. Olszewski</i>
-----------------------------------	------------------------	--



HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION

1900 9th Avenue

Tampa, Florida 33605

51

Five-DAY BOD ANALYSIS WORK SHEET

Sample Source: 905 2591 Lake Thon. STA #135 Date Due: 5/23/89  
 Date Collected: 5/18/89 by C. Lesnett Inc. Temp.: 20°C  
 Date Set-up: 5/18/89 by DWR Analyzed by: \_\_\_\_\_

Sample					BK				
Percent Conc.	10	10	50	50	100				
mls/liter	100	100	500	500	1000				
BOD Bottle #	344	587	339	356	61				
Initial Reading (D.O. Meter)	8.17	8.15	8.72	8.80	7.54				
Final Reading (D.O. Meter)	7.65	7.60	5.85	5.67	7.40				
Actual Depletion			2.87	3.13	0.14				
Dilution Factor	10	10	2	2	1				
Salinity Factor	1	1	1	1	1				
BOD mg/l			5.74	6.26	0.14				

Avg. Inf. BOD =

Avg. Eff. BOD =

% BOD removal =

BOD mg/l = Actual Depletion x Dilution Factor x Salinity Factor

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



CHLOROPHYLL

DATE OF ANALYSIS: 05-26-89

ANALYST: CORA

STA #	SAMPLE DATE	750 ABS CHL A	663 ABS CHL B	645 ABS CHL C	630 ABS CHL T	MLS OF SAMPLE	VERF
905260	<del>905</del> 05-24-89	.005	.507	.123	.100	1000	<u>cf</u>
		56.0	1.5	6.3	63.7		↓
	<del>905</del> 05-24-89	.001	.527	.122	.106	1000	
905259 ↑		58.7	.8	9.9	69.4		

OK