

HILLSBOROUGH COUNTY HEALTH DEPARTMENT

SANITARY ENGINEERING LABORATORY

(City, S/D, etc.) Lake Hiawatha Date Collected 8-22-66 By TAC
 Sample of water Date Analyzed 8-23-66 By RHR
 Source Description sample from Remarks very clear water - no
1' depth visible algae blooms

SUMMARY OF ANALYSIS

ppm		ppm	
Chloride as Cl	<u>20.8</u>	Iron, Fe	<u>-</u>
Salt as NaCl	<u>34.3</u>	Sulfates, SO ₄	<u>14.5</u>
Total Hardness *	<u>29.4</u>	Nitrates, NO ₃	<u>-</u>
Calcium Hardness *	<u>13.1</u>	Phosphate, P ₂ O ₅	<u>-</u>
Magnesium Hardness *	<u>16.3</u>	Fluoride, F	<u>-</u>
Total Alkalinity *	<u>43.6</u>	Dissolved Oxygen	<u>-</u>
Phenolphthalein Alkalinity *	<u>0</u>	BOD	<u>-</u>
Hydroxide Alkalinity *	<u>0</u>		
Carbonate Alkalinity *	<u>0</u>		
Bicarbonate Alkalinity *	<u>43.6</u>		
Carbonate Hardness	<u>43.6</u>	pH	<u>7.1</u>
Noncarbonate Hardness	<u>0</u>	Color	<u>-</u>
Total Solids	<u>-</u>	Odor	<u>-</u>
Calcium, Ca	<u>5.3</u>	Conductivity	<u>-</u>
Magnesium, Mg	<u>4.0</u>	Resistance	<u>-</u>
Turbidity	<u>-</u>	Temperature @ Collection	<u>-</u>

* as CaCO₃

L. A. Cardinale

Chemist