

LAKE APOPKA TECHNICAL COMMITTEE



CLAUDE R. KIRK, JR.  
GOVERNOR

*File*

STATE OF FLORIDA  
OFFICE OF THE GOVERNOR  
TALLAHASSEE

C. W. SHEFFIELD  
CHAIRMAN

LAKE APOPKA WEEKLY REPORT  
5-6-68 5-10-68

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On May 6, 1968 informed the Leesburg Chamber of Commerce that the Chairman would speak at their monthly "Orange Juice Breakfast" at 8:00 a.m., May 23, 1968 on the Lake Apopka project.

The Chairman attended the Florida Air & Water Pollution Control Commission meeting in Tallahassee May 7, 1968. At this meeting it was requested by the Cities of Mt. Dora and Suwannee that a meeting be held in Central Florida with all Federal Air & Water Pollution Control Commissioners present to review the Lake Apopka Pollution problems and determine how it affects downstream lakes. This request was granted and said meeting will be June 13, 1968 in Leesburg. The Chairman will give a complete review of project indicating problems, answer to problems, cost and anticipated date Lake will be reserved. The Chairman is preparing a report, maps and other information for this meeting. The entire subject will be reviewed by all members at the June 7, 1968 Technical Committee Meeting in Athens. Then by Vince Patton and Nat Reed prior to the June 13, 1968 meeting in Leesburg. On May 7, 1968 fish were obtained from Lake Apopka by Lake Apopka work force and Florida Game & Fresh Water Fish Commission representative as per the predetermined schedule for pesticide analysis. (This is a three year program, has been in progress 6 months).

The Chairman attended the Purdue Industrial Waste Conference May 8, 1968 and gave a paper on Citrus Wastes. While at the Conference discussed removal of nitrate nutrients from agriculture waste with Prof. R. Eliassen of Stanford University. They have a similar problem and he was very helpful and indicated that he would send data on how they were solving problem in California. Also discussed use of algae ponds with John Pfeffer of the University of Illinois, and he provided some much needed data on removal of ammonia compounds (or covering same to Nitrates).

On May 9, 1968 the Chairman was at the Federal Water Pollution Control Administration Robert A. Taft Sanitary Engineering Center to discuss nutrient removal by aluminum compounds with Ed Barth. We are doing a joint project using sodium aluminum at the Florida State Turnpike Authority Turkey Lake service area treatment facilities. He indicated our results were excellent and suggested the aluminum dosage be increased to 50 mg/l. In this way determine if additional phosphate material could be eliminated from this waste.

Also on May 9, 1968 reviewed pesticide sampling program with Professor Dr. John D. Eye University of Cincinnati. He indicated his willingness to work with the Technical Committee as a Technical Advisor. His services are available this summer. Consequently it is felt he should be retained to work on the pesticide program. A proposal will be developed, sent to Governor's office and Florida Air & Water Pollution Control Commission director to determine if funds are available to hire him for this summer to review existing pesticide samplings program, data to date and advise as to future sampling. Then retain him on a monthly basis after summer to review and write up report when pesticide project is completed.

The Lake Apopka work force sampled the Lakes in the Oklawaha Chain May 9, 1968 for chemical analysis. Also checked various research projects and found all to be in good working order.

C.W. Sheffield

CWS/ne

CC: Commissioner Paul Pickett  
Commissioner Sanford Padgett  
Commission Clifford Freeman  
A.W. Sinclair  
Senator Robert Elrod  
V.D. Patton