

LAKE APOPKA TECHNICAL COMMITTEE



STATE OF FLORIDA

OFFICE OF THE GOVERNOR

TALLAHASSEE

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CHAIRMAN

LAKE Apopka Restoration Project
Weekly Report
6/24/68 6/28/68

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Prof. T.S. Furman
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On Monday, the Chairman and the Lake Apopka work force reviewed two sites with Arch Hodges within the Zellwood Drainage District muck farming area which might be used for nutrient removal research work on agriculture runoff waters. It was concluded from this reviewal the Clounts Site, located on Hooper Farms Rd., would work satisfactory as sufficient land area and electricity is available. A plot 10' x 40' was laid out as a possible area for this research work. It is anticipated a scale model of Lake Apopka's north shore will be constructed. The scale for this model will be 1' = 1,054 ft. horizontally. The isolation level will be positioned along pump station which effluents into the lake and the Beauclair canal. Water for this experiment will be from the canal located on the north side of Hooper Farms Rd. This water is typical of that being effluented from the farms.

This research project will be to determine means of economically removing a portion of the nutrients within the agriculture waste prior to releasing into the isolation pond and final nutrient removal of discharge from isolation pond into lake if required.

On Monday, the Tuesday scheduled meeting with the farmers engineer, Hugh Putnam had to be canceled and was set for July 3, 1968. A preliminary meeting was held between the Chairman and the Lake Apopka work force to review designing of this proposed research project. It was concluded heavy equipment such as draglines, bulldozers would not be needed to build this scale model. The work proposed it is felt can be done by the summer help hired for the Lake Apopka project. One of the Orange County Water Conservations Departments field samplers will be used to supervise the construction.

On Wednesday, the Chairman received an answer from the Director of the Florida Air and Water Pollution Control Commission on the budget submitted to him on June 12, 1968 to help finance a portion of the Lake Apopka project, (especially the travel involved in obtaining the various grants from the Federal Water Pollution Control Administration). His answer was "we regret that the Commission's Finances are such that we would be unable to provide assistance of this nature".

It is felt this won't delay the overall progress of this project, it just means funds must be secured from some other source.

Also on Wednesday the Chairman and Mr. Ray Kaloal, biologist with Orange County Water Conservation Department reviewed the proposed aquatic plant research project with the Winter Park Lakes and Waterways Board. The County of Orange, Cities of Winter Park, Orlando, and Maitland have a Lake Virginia aquatic weed research project to determine why the weed (Hydrella) grows so prolific in that lake. It is hopeful a weed which will survive in Lake Apopka can be developed to help stabilize the bottom material and provide a substrate for organisms which will be a source of game fish food.

On Friday, June 28, 1968, a meeting was held in Orlando between Gordon Wagner, East Central Florida Regional Planning Council, John White Comprehensive Planning Grants Section, Federal Water Pollution Control Administration (Atlanta) and the Chairman. This meeting was held to determine what steps are necessary to obtain the proposed comprehensive basin planning grant for the upper Oklawaha River up to the Marion County line. The East Central Florida Regional Planning Council has agreed to apply for said grant with technical services provided by the Technical Committee members. Mr. White answered various questions and indicated he would obtain answers to other said questions from the Atlanta or Washington Offices. He did feel a small grant such as this one had an excellent chance of being funded under fiscal year 1968-69. Both Mr. Wagner and Mr. White felt this grant should be considered pilot in nature for others to follow in Central Florida. It is anticipated Mr. White should answer our questions by July 15 and possibly the grant could be applied for by August 15-30.

C.W. S.

cc: County Commissioner Paul Pickett
County Commissioner Sanford Padgett
County Commissioner Cliff Freeman
Senator Robert Elrod
Senator Kenneth Plant
A.W. Sinclair
V.D. Patton