

RESOLUTION NO. 82-SW-07

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ORANGE COUNTY CONCEPTUALLY APPROVING A DEEP WELL MONITORING PROPOSAL SUMMARY FILED BY THE EAST CENTRAL FLORIDA REGIONAL PLANNING COUNCIL WITH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT; PROVIDING AN EFFECTIVE DATE.

PREMISES

1. The lower producing zone of the Floridan Aquifer presently serves as the major source of potable water supply in the Orlando area. Relatively little information is available on the geology, water bearing characteristics, and quantities of potable water contained in the lower producing zone.
2. The East Central Florida Regional Planning Council recently submitted a proposal summary under the Regional Water Source Assistance Program requesting ONE HUNDRED, SIXTY NINE THOUSAND (\$169,000.00) DOLLARS for deep well monitoring of the lower producing zone in the Floridan Aquifer, Orlando area (Orange County).
3. The proposed program consists of a long term (5 to 10 years) deep well monitoring project.
4. The principle objectives to be accomplished by this proposal include:
 - a. Compilation and evaluation of existing known data and information on geologic and hydrologic conditions in the lower producing zone of the Floridan Aquifer and adjacent zones;
 - b. Determination of the level and characteristics of the freshwater-saltwater interface in the Aquifer;
 - c. Monitoring the lower producing zone and fresh-salt interface to detect any movement of the interface; and
 - d. Determination of the relationship between withdrawals of potable water from the lower producing zone and the upward movement of the underlying saltwater.
5. The East Central Florida Regional Planning Council has requested that the Orange County Board of County Commissioners lend assistance and support to their proposal.

BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ORANGE COUNTY:

Section 1. The Board of County Commissioners of Orange County conceptually approves the deep well monitoring of the project previously submitted to the St. Johns River Water Management District and

urges the District to grant funds to the proposal. The Board further directs the Director of the Orange County Division of Public Utilities or his designee to investigate and recommend to the Board if the Board should itself participate in the assistance of the project through "in kind" contribution.


Section 2. This Resolution shall take effect upon adoption.

RESOLVED THIS 4th DAY OF MARCH, 1982.

BOARD OF COUNTY COMMISSIONERS
OF ORANGE COUNTY

BY: 
Chairman

ATTEST:


Deputy Clerk to the Board
of County Commissioners