

State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

District Offices can be Addressed	
To: _____	Locn.: _____
To: _____	Locn.: _____
To: _____	Locn.: _____
From: _____	Date: _____
Reply Optional	Reply Required
Date Due: _____	Date Due: _____
	Info. Only

TO: Mr. Andy Berry, Environmental Specialist  
Southwest District - Tampa

THROUGH: Dr. Richard D. Garrity, District Manager  
Southwest District - Tampa

Dr. Rodney S. DeHan, Administrator  
Ground Water Section

Mr. James E. McNeal, Environmental Supervisor  
Ground Water Section

FROM: Mary Parker, Environmental Specialist  
Ground Water Section

DATE: July 3, 1985

SUBJECT: Ground Water Monitoring Plan for Citrus County Landfill

Permit #  
5009-111795

WACS7D #39859  
CL3

4009 C 00086

I have completed my review of this ground water monitoring plan. Please note that the water well inventory maps (Appendix III) were omitted from my copy of the Citrus County ground water monitoring plan. Consequently, I cannot comment on the proximity of drinking water wells to the landfill. Additional items of incompleteness and comments are as follows:

- (1) The site hydrogeology (pages 24-25) is incomplete, and should include: (a) Is the Floridan aquifer under artesian or water table conditions?--At Site A, Site B, other points. (b) It is stated on page 24 that a surficial aquifer was encountered at Site B. Compare the water levels in the surficial and Floridan aquifers at Site B. Submit any information available on surficial aquifer water levels at other locations on-site. (c) Provide the well log for monitor Well C (and Well D, if available). If possible, include copies of the existing geophysical logs cited on page 21 of the monitoring plan. The above information is requested pursuant to 17-4.245(6)(d)1., F.A.C.
- (2) On page 46, it is stated that Wells C and D have been incorporated into the monitoring plan. The inventory depth and construction details, including the screened interval and the lithology of this interval, should be provided. Does existing supply Well D (or any other water supply well) have a cone of depression which influences the direction of ground water flow in the Floridan aquifer on-site? If so, document its influence (17-4.245(6)(d)7., F.A.C.).

MEMORANDUM

Mr. Andy Berry

July 3, 1985

Page Two

- (3) Water level elevations for all monitor wells (water levels measured the same day) should be provided. Include the measured top of casing and other surveyed information. Provide any surficial aquifer water level measurements previously obtained; clearly label each water level measurement as surficial aquifer or Floridan aquifer. Submit any previously collected water quality analyses from the existing monitoring well system. (17-4.245(6)(d)9., F.A.C.).

NOTE: Available data indicates this landfill is in an area of relatively high recharge to the Floridan aquifer, and the site map shows little space between the landfill cells and the property line. Therefore, the potential for ground water contamination appears to be significant, and the ground water monitoring scheme implemented should be commensurate.

Should you have any questions, please let me know (278-3601).

MP/mj