

DOCKET NO. ~~960289~~-WS - GULF UTILITY COMPANY

WITNESS: Direct Testimony of Andrew Barienbrock, Florida  
Department of Environmental Protection, Appearing  
on behalf of the Staff of the Florida Public  
Service Commission

DATE FILED: January 6, 1997

ACK \_\_\_\_\_  
AFN \_\_\_\_\_  
AFP \_\_\_\_\_  
CPE \_\_\_\_\_  
CNU \_\_\_\_\_  
T \_\_\_\_\_  
EFC \_\_\_\_\_  
FSC \_\_\_\_\_

*3/1/97*

1

DOCUMENT NUMBER-DATE

00120 JAN-65

FPSC-RECORDS/REPORTING

DIRECT TESTIMONY OF ANDREW BARIENBROCK

1  
2 Q. Please state your name and business address

3 A. Andrew Barienbrock, Florida Department of Environmental Protection, 2295  
4 Victoria Avenue, Suite 364, Fort Myers, Florida 33901

5 Q. Please state a brief description of your educational background and  
6 experience.

7 A. I have a B.S. in Zoology from the Ohio State University and an MS in  
8 Marine Biology from NOVA Southeastern University. I have been with the  
9 Department of Environmental Protection (FDEP) for five years.

10 Q. By whom are you presently employed?

11 A. Florida Department of Environmental Protection

12 Q. How long have you been employed with the Department of Environmental  
13 Protection and in what capacity?

14 A. Five years. I began with the Department working in domestic wastewater  
15 and I am currently the Environmental Manager for the Domestic Wastewater  
16 Compliance and Enforcement Section.

17 Q. What are your general responsibilities at the Department of  
18 Environmental Protection?

19 A. My responsibilities include the supervision of professional employees  
20 responsible for conducting compliance and enforcement activities and  
21 permitting activities relating to domestic wastewater treatment and disposal  
22 systems, residual disposal sites, and underground injection control.

23 Q. Are you familiar with the Gulf Utility Company wastewater treatment and  
24 collection system in Lee County?

25 A. Yes.

1 Q. Does the utility have any current construction permits? If yes, explain  
2 what the permit is for and when it expires

3 A. No. However the utility has recently applied for a new "wastewater  
4 permit" in order to construct an expansion to 1.5 MGD at the Three Oaks  
5 wastewater treatment plant.

6 Q. What is the permitted capacity of the WWTP?

7 A. The Three Oaks WWTP has a permitted capacity of 750 MGD and the San  
8 Carlos WWTP has a permitted capacity of 0.218 MGD

9 Q. Are the wastewater treatment facilities of sufficient size to serve the  
10 present customers?

11 A. The Three Oaks facility is large enough to serve the present customers.  
12 However, at the San Carlos WWTP, it appears that changes may need to be  
13 implemented in order to service the current customers

14 Q. Are the treatment plants located on the site so as to minimize adverse  
15 effects resulting from odors, noise, lighting?

16 A. Yes.

17 Q. Is the wastewater collection system adequate to serve the present  
18 customers?

19 A. Yes, to the best of my knowledge

20 Q. Is the overall maintenance of the collection system satisfactory?

21 A. Yes, to the best of my knowledge

22 Q. Do the pump stations and lift stations meet DEP requirements with  
23 respect to location, reliability and safety?

24 A. Yes, to the best of my knowledge

25 Q. Does the utility have the appropriate number of type of certified

1 operators as required by Rule 62-602, Florida Administrative Code?

2 A. Yes.

3 Q. How often and how much time is the certified operator required to spend  
4 at the wastewater plant during a week?

5 A. The San Carlos WWTP requires a Class C or higher operator for 3 hours  
6 per day, 5 days per week. Further Three Oaks WWTP requires a Class C or  
7 higher operator for 6 hours per day, 7 days per week

8 Q. Is the overall maintenance of the wastewater plants and equipment  
9 satisfactory?

10 A. Yes.

11 Q. Do the facilities meet all applicable Technology Based Effluent  
12 Limitations (TBELS) and Water Quality Based Effluent Limitations (WQBELS)?

13 A. Yes.

14 Q. Does the utility have any citations, violations, or corrective orders  
15 in regard to the wastewater treatment plant and effluent disposal system?

16 A. A letter has been issued requesting that the issue of capacity at the  
17 San Carlos WWTP be addressed

18 Q. Do you have anything further to add?

19 A. No, I do not.

20

21

22

23

24

25