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*DOCKET NO.:* 950387-SU - [Florida Cities Water Company - North Ft. Myers Wastewater System, Waterway Estates]

*WITNESS:* Prefiled Testimony of Andrew Barienbrock, Appearing On Behalf of Florida Department of Environmental Protection

*DATE FILED:* March 22, 1996

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FPSC-RECORDS/REPORTING



1 A. Yes.

2 Q. Please state the issuance dates and the expiration dates of the  
3 operating or construction permits.

4 A. This facility is operating under Operating Permit No. D036-228850 which  
5 was issued on August 25, 1993 with an expiration date of August 25, 1998; and,  
6 Construction Permit No. DC36-237227 issued June 2, 1994 with an expiration  
7 date of June 2, 1997.

8 Q. Are the plants in compliance with FDEP issued permits?

9 A. No. The plant has been operating above its permitted capacity.  
10 However, the facility has a construction permit to expand the disposal  
11 capacity of the facility. The work on this project is almost complete and  
12 Florida Cities should be submitting a certification of completion of  
13 construction within 30 days. This facility is in compliance with all effluent  
14 limits.

15 Q. Are the wastewater collection, treatment and disposal facilities  
16 adequate to serve present customers based on permitted capacity?

17 A. No, as explained in the previous answer.

18 Q. Are the treatment and disposal facilities located in accordance with  
19 Rule 62-600, Florida Administrative Code?

20 A. Yes.

21 Q. Has FDEP required the utility to take any action so as to minimize  
22 possible adverse effects resulting from odors, noise, aerosol drift or  
23 lighting?

24 A. Yes. The facility had been receiving odor complaints from a nearby  
25 restaurant. The DEP, Florida Cities, and the complainant met and all parties

1 | agreed that in order to reduce odors, the plant would stabilize residuals late  
2 | at night and haul immediately in the early morning hours.

3 | Q. Do the pump stations and lift stations meet FDEP requirements with  
4 | respect to location, reliability and safety?

5 | A. Yes.

6 | Q. Does the utility have certified operators as required by Rule 61E12-41,  
7 | Florida Administrative Code?

8 | A. Yes.

9 | Q. Is the overall maintenance of the treatment, collection, and disposal  
10 | facilities satisfactory?

11 | A. Yes.

12 | Q. Does the facility meet the effluent disposal requirements of Rules  
13 | 62-600 and 62-610, Florida Administrative Code?

14 | A. As explained on page 2, the plant has been operating above its permitted  
15 | capacity, but is complying with all effluent limits.

16 | Q. Are the collection, treatment and disposal facilities in compliance with  
17 | all the other provisions of Chapter 62, Florida Administrative Code, not  
18 | previously mentioned?

19 | A. Yes, except for the treatment plant operating above capacity as already  
20 | explained.

21 | Q. Has the Waterway Estates' wastewater system been the subject of any  
22 | Department of Environmental Protection enforcement action within the past two  
23 | years?

24 | A. No.

25 | Q. Concerning infiltration and inflow (I & I), what is the normal allowance

1 | recognized by the DEP?

2 | A. The DEP allows 5 - 10% of the facility's permitted capacity.

3 | Q. What source document does the DEP refer to in allowing this amount of  
4 | I & I?

5 | A. Tens State Standards and Manual of Practice #9.

6 | Q. What circumstances would cause the DEP to vary from this normal  
7 | allowance?

8 | A. This allowance could be varied when the facility is in compliance with  
9 | effluent limits and when the facility was in the process of correcting the  
10 | problem.

11 | Q. If a variation occurred, how much variation would the DEP allow?

12 | A. The amount of variation allowed would be determined on a case by case  
13 | basis. This would be based upon the work being done to correct or address the  
14 | problem and the effluent quality.

15 | Q. Does the DEP believe this wastewater system has a problem with I & I?

16 | A. At this time the facility does not appear to have a serious infiltration  
17 | problem.

18 | Q. Do you have anything further to add?

19 | A. No, I do not.

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