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DOCKET NO.: 950495-WS - [Southern States Utilities, Inc. - Palm Terrace Wastewater System]

WITNESS: Direct Testimony of David G. MacColeman, Florida Department of Environmental Protection, Appearing on Behalf of the Staff of the Florida Public Service Commission

DATE FILED: February 26, 1996

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FPSC-RECORDS/REPORTING

DIRECT TESTIMONY OF DAVID G. MACCOLEMAN

1 |
2 | Q. Please state your name and business address.

3 | A. David G. MacColeman, 3804 Coconut Palm Drive, Tampa, Florida 33619.

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

6 | A. I hold a B.S. degree in Biology and Chemistry, and an expired wastewater
7 | "C" certificate. I have three years experience as an operator of a Class I
8 | wastewater treatment plant and four and a half years inspecting wastewater
9 | treatment plants. I am currently employed as an Environmental Supervisor.

10 | Q. By whom are you presently employed?

11 | A. I am employed by the Florida Department of Environmental Protection
12 | (FDEP).

13 | Q. How long have you been employed with the FDEP and in what capacity?

14 | A. Four and a half years, currently as a Environmental Supervisor II in the
15 | Domestic wastewater compliance enforcement section.

16 | Q. What are your general responsibilities at the FDEP?

17 | A. I am responsible for Pasco, Hernando, and Citrus Counties wastewater
18 | treatment plants to make sure they are in compliance with Florida Statutes and
19 | Florida Administrative Code.

20 | Q. Are you familiar with the Southern States Utilities, Inc. wastewater
21 | systems located in Southwest District?

22 | A. Only those facilities in Pasco, Hernando, and Citrus Counties.

23 | Q. Were these systems inspected by you, or by FDEP staff under your
24 | supervision?

25 | A. Yes. However, Phyllis Jones will file testimony about plants in Citrus

1 | County and Pete Burghardt will file testimony as to selected facilities in
2 | Pasco County.

3 | **Palm Terrace Wastewater System**

4 | Q. Does the utility have current operating or construction permits from the
5 | FDEP for Palm Terrace Wastewater System (Palm Terrace)?

6 | A. Yes.

7 | Q. Please state the issuance dates and the expiration dates of the
8 | operating or construction permits.

9 | A. Permit No. DO 511234067, was issued September 27, 1993, and expires
10 | August 18, 1998.

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

12 | A. Yes, however, on occasion it does exceed its permitted capacity.

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

15 | A. No. The seasonal flows exceeds plant permitted capacity.

16 | Q. Are the treatment and disposal facilities for Palm Terrace located in
17 | accordance with Rule 62-600, Florida Administrative Code?

18 | A. Yes.

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

22 | A. No.

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

25 | A. Yes.

1 | Q. Does the utility have certified operators as required by Rule 61E12-41,
2 | Florida Administrative Code?
3 | A. Yes.
4 | Q. Is the overall maintenance of the treatment, collection, and disposal
5 | facilities satisfactory?
6 | A. Yes.
7 | Q. Does the facility meet the effluent disposal requirements of Rules
8 | 62-600 and 62-610, Florida Administrative Code?
9 | A. A capacity Analysis Report is due and the result of that study may
10 | require improvements.
11 | Q. Are the collection, treatment and disposal facilities in compliance with
12 | all the other provisions of Chapter 62, Florida Administrative Code, not
13 | previously mentioned?
14 | A. Yes.
15 | Q. Has Palm Terrace wastewater system been the subject of any FDEP
16 | enforcement action within the past two years?
17 | A. No.
18 | Q. Do you have anything further to add?
19 | A. Yes. The seasonal regulated flows exceed plant capacity although a
20 | review of the monthly operating reports do not reveal any exceedences of the
21 | permit limits. Ground water exhibits radial flows that may or may not be
22 | associated with this flow. SSU should submit a Capacity Analysis Report and
23 | note plans to expand the plant or convert this facility to a regional public
24 | owned treatment works (POTW).
25 |