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DOCKET NO.: 950495-WS - [Southern States Utilities, Inc. - Druid Hills Water System, Chuluota Water System, Apple Valley Water System, Salt Springs Water System, Citrus Park Water System, Dol Ray Manor Water System]

WITNESS: Direct Testimony of George E. Sawaya, 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 GEORGE E. SAWAYA

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Q. Please state your name and business address.

A. George E. Sawaya, 3319 Maguire Boulevard, Suite 232, Orlando, Florida, 32803.

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

A. I have a Bachelor of Science in Civil Engineering, University of Central Florida.

Q. By whom are you presently employed?

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

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

A. I have been employed by FDEP two years as an Engineer I.

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

A. The general responsibilities are to perform sanitary surveys (complete engineering evaluations) of public water systems and determine compliance with state and federal drinking water standards.

Q. Are you familiar with the Southern States Utilities, Inc. water systems located in the Central District?

A. Yes.

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

A. Yes.

1 | Q. Does the utility have a current construction permit from the FDEP for
2 | Druid Hills Water System (Druid Hills)?
3 | A. No.
4 | Q. Are the utility's treatment facilities and distribution system
5 | sufficient to serve its present customers?
6 | A. Yes.
7 | Q. Does the utility maintain the required 20 psi minimum pressure
8 | throughout the distribution system?
9 | A. Yes.
10 | Q. Does the utility have an adequate auxiliary power source in the event
11 | of a power outage?
12 | A. Yes.
13 | Q. Are the utility's water wells for Druid Hills located in compliance with
14 | Rule 62-555, Florida Administrative Code?
15 | A. Yes.
16 | Q. Does the utility have certified operators as required by Rule 61E12-41,
17 | Florida Administrative Code?
18 | A. Yes.
19 | Q. Has the utility established a cross-connection control program in
20 | accordance with Rule 62-555.360, Florida Administrative Code?
21 | A. The utility provides a copy of its cross-connection control program to
22 | each resident.
23 | Q. Is the overall maintenance of the treatment plant and distribution
24 | facilities satisfactory?
25 | A. Yes.

1 Q. Does the water produced by the utility meet the State and Federal
2 maximum contaminant levels for primary and secondary water quality standards?

3 A. Yes.

4 Q. Does the utility monitor the organic contaminants listed in Rule
5 62-550.410, Florida Administrative Code?

6 A. Yes,

7 Q. Do recent chemical analyses of raw and finished water, when compared to
8 regulations, suggest the need for additional treatment?

9 A. No.

10 Q. Does the utility maintain the required chlorine residual or its
11 equivalent throughout the distribution system?

12 A. Yes.

13 Q. Are the plant and distribution systems in compliance with all the other
14 provisions of Chapter 62, Florida Administrative Code, not previously
15 mentioned?

16 A. Yes.

17 Q. Has Druid Hills been the subject of any FDEP enforcement action within
18 the past two years?

19 A. No.

20 Chuluota Water System

21 Q. Does the utility have a current construction permit from the FDEP of
22 Chuluota Water System (Chuluota)?

23 A. No.

24 Q. Are the utility's treatment facilities and distribution system
25 sufficient to serve its present customers?

1 A. Yes.

2 Q. Does the utility maintain the required 20 psi minimum pressure
3 throughout the distribution system?

4 A. Yes.

5 Q. Does the utility have an adequate auxiliary power source in the event
6 of a power outage?

7 A. Yes.

8 Q. Are the utility's water wells for Chuluota located in compliance with
9 Rule 62-555, Florida Administrative Code?

10 A. Yes.

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

13 A. Yes.

14 Q. Has the utility established a cross-connection control program in
15 accordance with Rule 62-555.360, Florida Administrative Code?

16 A. The utility provides a copy of its cross-connection control program to
17 each resident.

18 Q. Is the overall maintenance of the treatment plant and distribution
19 facilities satisfactory?

20 A. Yes.

21 Q. Does the water produced by the utility meet the State and Federal
22 maximum contaminant levels for primary and secondary water quality standards?

23 A. Yes.

24 Q. Does the utility monitor the organic contaminants listed in Rule
25 62-550.410, Florida Administrative Code?

1 A. Yes.

2 Q. Do recent chemical analyses of raw and finished water, when compared to
3 regulations, suggest the need for additional treatment?

4 A. No.

5 Q. Does the utility maintain the required chlorine residual or its
6 equivalent throughout the distribution system?

7 A. Yes.

8 Q. Are the plant and distribution systems in compliance with all the other
9 provisions of Chapter 62, Florida Administrative Code, not previously
10 mentioned?

11 A. Yes.

12 Q. Has Chuluota been the subject of any FDEP enforcement action within the
13 past two years?

14 A. No.

15 Apple Valley Water System

16 Q. Does the utility have a current construction permit from the FDEP for
17 Apple Valley Water System (Apple Valley)?

18 A. No.

19 Q. Are the utility's treatment facilities and distribution system
20 sufficient to serve its present customers?

21 A. Yes.

22 Q. Does the utility maintain the required 20 psi minimum pressure
23 throughout the distribution system?

24 A. Yes.

25 Q. Does the utility have an adequate auxiliary power source in the event

1 | of a power outage?

2 | A. Yes.

3 | Q. Are the utility's water wells for Apple Valley located in compliance
4 | with Rule 62-555, Florida Administrative Code?

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. Has the utility established a cross-connection control program in
10 | accordance with Rule 62-555.360, Florida Administrative Code?

11 | A. The utility provides a copy of its cross-connection control program to
12 | each resident.

13 | Q. Is the overall maintenance of the treatment plant and distribution
14 | facilities satisfactory?

15 | A. Yes.

16 | Q. Does the water produced by the utility meet the State and Federal
17 | maximum contaminant levels for primary and secondary water quality standards?

18 | A. Yes.

19 | Q. Does the utility monitor the organic contaminants listed in Rule
20 | 62-550.410, Florida Administrative Code?

21 | A. Yes.

22 | Q. Do recent chemical analyses of raw and finished water, when compared to
23 | regulations, suggest the need for additional treatment?

24 | A. No.

25 | Q. Does the utility maintain the required chlorine residual or its

1 equivalent throughout the distribution system?

2 A. Yes.

3 Q. Are the plant and distribution systems in compliance with all the other
4 provisions of Chapter 62, Florida Administrative Code, not previously
5 mentioned?

6 A. Yes.

7 Q. Has Apple Valley been the subject of any FDEP enforcement action within
8 the past two years?

9 A. No.

10 Salt Springs Water System

11 Q. Does the utility have a current construction permit from the FDEP for
12 Salt Springs Water System (Salt Springs)?

13 A. No.

14 Q. Are the utility's treatment facilities and distribution system
15 sufficient to serve its present customers?

16 A. Yes.

17 Q. Does the utility maintain the required 20 psi minimum pressure
18 throughout the distribution system?

19 A. Yes.

20 Q. Does the utility have an adequate auxiliary power source in the event
21 of a power outage?

22 A. Yes.

23 Q. Are the utility's water wells for Salt Springs located in compliance
24 with Rule 62-555, Florida Administrative Code?

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. Has the utility established a cross-connection control program in
5 accordance with Rule 62-555.360, Florida Administrative Code?
6 A. The utility provides a copy of its cross-connection control program to
7 each resident.
8 Q. Is the overall maintenance of the treatment plant and distribution
9 facilities satisfactory?
10 A. Yes.
11 Q. Does the water produced by the utility meet the State and Federal
12 maximum contaminant levels for primary and secondary water quality standards?
13 A. Yes.
14 Q. Does the utility monitor the organic contaminants listed in Rule 62-
15 550.410, Florida Administrative Code?
16 A. Yes.
17 Q. Do recent chemical analyses of raw and finished water, when compared to
18 regulations, suggest the need for additional treatment?
19 A. No.
20 Q. Does the utility maintain the required chlorine residual or its
21 equivalent throughout the distribution system?
22 A. Yes.
23 Q. Are the plant and distribution systems in compliance with all the other
24 provisions of Chapter 62, Florida Administrative Code, not previously
25 mentioned?

1 A. Yes.

2 Q. Has Salt Springs been the subject of any FDEP enforcement action within
3 the past two years?

4 A. No.

5 Citrus Park Water System

6 Q. Does the utility have a current construction permit from the FDEP for
7 Citrus Park Water System (Citrus Park)?

8 A. No.

9 Q. Are the utility's treatment facilities and distribution system
10 sufficient to serve its present customers?

11 A. Yes.

12 Q. Does the utility maintain the required 20 psi minimum pressure
13 throughout the distribution system?

14 A. Yes.

15 Q. Does the utility have an adequate auxiliary power source in the event
16 of a power outage?

17 A. Yes.

18 Q. Are the utility's water wells for Citrus Park located in compliance with
19 Rule 62-555, Florida Administrative Code?

20 A. Yes.

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

23 A. Yes.

24 Q. Has the utility established a cross-connection control program in
25 accordance with Rule 62-555.360, Florida Administrative Code?

1 | A. The utility provides a copy of its cross-connection control program to
2 | each resident.

3 | Q. Is the overall maintenance of the treatment plant and distribution
4 | facilities satisfactory?

5 | A. Yes.

6 | Q. Does the water produced by the utility meet the State and Federal
7 | maximum contaminant levels for primary and secondary water quality standards?

8 | A. Yes.

9 | Q. Does the utility monitor the organic contaminants listed in Rule
10 | 62-550.410, Florida Administrative Code?

11 | A. Yes.

12 | Q. Do recent chemical analyses of raw and finished water, when compared to
13 | regulations, suggest the need for additional treatment?

14 | A. No.

15 | Q. Does the utility maintain the required chlorine residual or its
16 | equivalent throughout the distribution system?

17 | A. Yes.

18 | Q. Are the plant and distribution systems in compliance with all the other
19 | provisions of Chapter 62, Florida Administrative Code, not previously
20 | mentioned?

21 | A. Yes.

22 | Q. Has Citrus Park been the subject of any FDEP enforcement action within
23 | the past two years?

24 | A. No.

25 |

Dol Ray Manor Water System

1 Q. Does the utility have a current construction permit from the FDEP for
2 Do1 Ray Manor Water System (Do1 Ray Manor)?

3 A. No.

4 Q. Are the utility's treatment facilities and distribution system
5 sufficient to serve its present customers?

6 A. Yes.

7 Q. Does the utility maintain the required 20 psi minimum pressure
8 throughout the distribution system?

9 A. Yes.

10 Q. Does the utility have an adequate auxiliary power source in the event
11 of a power outage?

12 A. One is not required, because there are less than 150 connection and less
13 than 350 people.

14 Q. Are the utility's water wells for Do1 Ray Manor located in compliance
15 with Rule 62-555, Florida Administrative Code?

16 A. Yes.

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

19 A. Yes.

20 Q. Has the utility established a cross-connection control program in
21 accordance with Rule 62-555.360, Florida Administrative Code?

22 A. The utility provides a copy of its cross-connection control program to
23 each resident.

24 Q. Is the overall maintenance of the treatment plant and distribution
25 facilities satisfactory?

1 A. Yes.

2 Q. Does the water produced by the utility meet the State and Federal
3 maximum contaminant levels for primary and secondary water quality standards?

4 A. Yes.

5 Q. Does the utility monitor the organic contaminants listed in Rule
6 62-550.410, Florida Administrative Code?

7 A. Yes.

8 Q. Do recent chemical analyses of raw and finished water, when compared to
9 regulations, suggest the need for additional treatment?

10 A. No.

11 Q. Does the utility maintain the required chlorine residual or its
12 equivalent throughout the distribution system?

13 A. Yes.

14 Q. Are the plant and distribution systems in compliance with all the other
15 provisions of Chapter 62, Florida Administrative Code, not previously
16 mentioned?

17 A. Yes.

18 Q. Has Do1 Ray Manor been the subject of any FDEP enforcement action within
19 the past two years?

20 A. No.

21 Q. Do you have anything further to add?

22 A. No, I do not.

23

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