



WATER SYSTEM
DER TESTIMONY
FILED ON BEHALF OF COMMISSION STAFF

SAILFISH POINT UTILITIES

DOCKET NO. 900816-WS

PREFILED TESTIMONY

OF

FRANCISCO PEREZ

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

DOCUMENT NUMBER-DATE
04941 ~~JUN~~ 17 1991
REC-RECORDS/REPORTING

1 Q. Please state your name and business address.

2 A. Francisco J. Perez, Florida Department of Environmental
3 Regulation, 1900 S. Congress Avenue, Suite A, West Palm Beach Florida
4 33406

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

7 A. I received a Bachelor of Science in Marine Biology from
8 University of West Florida in 1983. I was Research Assistant with
9 the Florida Medical Entomology Lab, until May 1985. From May 1985 to
10 April 1987, I was a Biologist with DER. Since April 1987, I have
11 worked as an Environmental Specialist with DER's Drinking Water
12 Section.

13 Q. By whom are you presently employed?

14 A. Florida Department of Environmental Regulation

15 Q. How long have you been employed with the Department of
16 Environmental Regulation?

17 A. I have been employed with DER since May 1985.

18 Q. What are your general responsibilities at the Department of
19 Environmental Regulation?

20 A. I coordinate compliance and enforcement activities in the
21 drinking water section.

22 WATER SYSTEMS ONLY

23 Q. Are you familiar with Sailfish Point Utility Water System in
24 Martin County, particularly the water system?

25 A. Yes.

1 Q. Does the utility have a current operating or construction
2 permit from the Department of Environmental Regulation?
3 A. Yes.
4 Q. Please state the issuance date and the expiration date of the
5 operating or construction permit.
6 A. WC-43-147796 Issued April 8, 1988.
7 Q. Please state whether the permit is a temporary operating
8 permit, and if so, please describe the permit terms.
9 A. The permit is a construction permit to install a calcite
10 contactor which will make the water less corrosive.
11 Q. Is the plant in compliance with its permit?
12 A. No, the Langelier index is (-1.8) which indicates the water is
13 still corrosive.
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
21 event of a power outage?
22 A. Yes.
23 Q. Are the utility's water wells located in compliance with
24 Section 17-555.312, Florida Administrative Code?
25 A. Yes.

1 Q. Does the utility have certified operators as required by
2 Chapter 17-602, Florida Administrative Code?

3 A. Yes.

4 Q. Has the utility established a cross-connection control program
5 in accordance with Section 17-555.360, Florida Administrative Code?

6 A. The utility serves residential units, marinas and a restaurant.
7 The irrigation system is piped separately. Utility personnel inspect
8 each service at the time of connection and require vacuum breakers in
9 Marina hose bibs.

10 Q. Is the overall maintenance of the treatment plant and
11 distribution facilities satisfactory?

12 A. Yes.

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

16 A. No. The Langelier Index is on the negative side (about -1.5)
17 whereas the standard is -.02 to +0.2. The pH is around 9.0 which
18 exceeds the 6.5 - 8.5 range required in Rule 17-550.320.

19 Q. Does the utility monitor the organic contaminants listed in
20 Section 17-550.410, Florida Administrative Code?

21 A. Yes.

22

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

25 A. Yes. The Langalier index suggests the need for the addition of

1 calcium carbonate. (Permitting in progress)

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

4 A. Yes.

5 Q. Are the plant and distribution systems in compliance with all
6 the other provisions of Title 17, Florida Administrative Code, not
7 previously mentioned?

8 A. Yes.

9 Q. Has Sailfish Point Utility been the subject of any
10 Department of Environmental Regulation enforcement action within the
11 past two years?

12 A. No.

13 Q. Do you have anything further to add?

14 A. No, I do not.

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M E M O R A N D U M

May 17, 1991

TO : DIVISION OF RECORDS AND REPORTING
FROM : DIVISION OF LEGAL SERVICES (BEDELL) *CB*
RE : DOCKET NO. 900816-WS - PETITION FOR A RATE INCREASE IN
MARTIN COUNTY BY SAILFISH POINT UTILITY CORPORATION

Attached is the Original Certificate of Service for the
Prefiled Direct Testimony of Francisco Perez filed on behalf of
Staff in the above-referenced docket.

CB/lp
cc: Division of Water and Sewer

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for a rate increase)
in Martin County by SAILFISH POINT)
UTILITY CORPORATION)
_____)

DOCKET NO. 900816-WS
FILED:

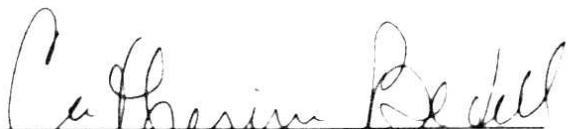
CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the Prefiled Direct Testimony of Francisco Perez, filed on behalf of Staff in this proceeding this date, has been furnished by U. S. Mail to the following parties this 17th day of May, 1991:

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