

DOCKET NO.: 960545-WS - Investigation of utility rates of Aloha Utilities, Inc. in Pasco County.

WITNESS: Direct Testimony of Michael D. LeRoy, Florida Department of Environmental Protection, Appearing On Behalf of Florida Public Service Commission

DATE FILED: September 29, 1999

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FPSC-RECORDS/REPORTING

DIRECT TESTIMONY OF MICHAEL D. LEROY

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

3 | A. Michael D. LeRoy, Department of Environmental Protection, 2600  
4 | Blairstone Road, MS 2530, Tallahassee, Florida 32399-2400.

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

7 | A. BA in German, BS in Civil Engineering, MS in Civil Engineering. 28  
8 | years with the United States Air Force, 20 of which was as an Air Force Civil  
9 | Engineer, nine years with the Florida Department of Environmental Protection  
10 | (FDEP) Drinking Water Program.

11 | Q. By whom are you presently employed?

12 | A. I am employed by the FDEP.

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

14 | A. I have been with FDEP for nine years. I have been in the Drinking Water  
15 | Program for eight and a half years. I am presently a Professional Engineer  
16 | III.

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

18 | A. I am responsible for monitoring the implementation of the Lead and  
19 | Copper Rule, managing the Drinking Water Program GPS and GIS project, rule  
20 | writing, managing the statewide effort to determine which water wells are  
21 | under the direct influence of surface water, and for providing technical  
22 | support to DEP district office and Approved County Public Health Offices.

23 | Q. Are you familiar with Aloha Utilities, Inc. in Pasco County?

24 | A. Yes.

25 | Q. Does Aloha Utilities, Inc. have a current operating permit from the

1 Florida DEP?

2 A. The Florida DEP does not issue operating permits to public drinking  
3 water systems. Construction permits are all that is required.

4 Q. What are the issue and expiration dates of their permit?

5 A. Not applicable.

6 Q. Is Aloha Utilities, Inc. in compliance with its permits?

7 A. I'm not aware of any construction permits that are open for Aloha  
8 Utilities. This information and answers to your other questions would have  
9 to be obtained from Mr. Pedro Rivera, Drinking Water Program Manager, 3804  
10 Coconut Palm Drive, Tampa, Florida 33619-8318.

11 Q. Are you familiar with the "black water" problem experienced by some of  
12 Aloha's customers?

13 A. Yes.

14 Q. To your knowledge, has this "black water" problem been experienced  
15 elsewhere in Florida?

16 A. I have been told by others that copper sulfide (black water)  
17 precipitates do appear elsewhere in Florida. I have not personally witnessed  
18 copper sulfide in Florida except in exhibits provided by Aloha's customers.

19 Q. Are you familiar with the report published in Journal AWWA, Volume 90,  
20 Issue 7, July 1198, titled, "Sulfide Induced Copper Corrosion?"

21 A. Yes.

22 Q. Do you agree with the conclusions of that study?

23 A. Basically, yes. Realizing that the study was done under controlled  
24 conditions and that the results may not be similar to this case. I agree,  
25 however, that there is a problem with Hydrogen Sulfide reacting with some

1 | copper pipes as pointed out in the study.  
2 | Q. Do you have anything further to add?  
3 | A. No.  
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BEFORE THE PUBLIC SERVICE COMMISSION

In re: Investigation of utility ) DOCKET NO. 960545-WS  
rates of Aloha Utilities, Inc. )  
in Pasco County. )  
\_\_\_\_\_ )

Certificate of Service

I HEREBY CERTIFY that a true and correct copy of the Direct Testimonies of Michael D. LeRoy and Pete Screnock have been furnished by U.S. Mail this 29th day of September, 1999 to:

Representative Mike Fasano  
8217 Massachusetts Ave.  
New Port Richey, FL 34653

Office of Public Counsel  
c/o The Florida Legislature  
111 W. Madison St., #812  
Tallahassee, FL 32399-1400

Marshall Deterding, Esquire  
Rose, Sundstrom & Bentley, LLP  
2548 Blairstone Pines Dr.  
Tallahassee, FL 32301

Wyndtree Master Community  
Association  
Mr. James Goldberg, President  
1251 Trafalgar Dr.  
New Port Richey, FL 34655

*Ralph R. Jaeger*

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Ralph R. Jaeger, Senior Attorney  
FLORIDA PUBLIC SERVICE COMMISSION  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850  
(850) 413-6234