

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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RECORDS AND REPORTING

In re: Application for increase in)
wastewater rates in Seven Springs)
System in Pasco County by Aloha)
Utilities, Inc.)
_____)

Docket No. 991643-SU

**ALOHA UTILITIES, INC.'S RESPONSE TO
CITIZENS' SECOND REQUEST FOR PRODUCTION OF DOCUMENTS**

Applicant, ALOHA UTILITIES, INC., ("Aloha" or "Utility") by and through its undersigned attorneys, hereby responds to the Citizens' Second Request for Production of Documents to Aloha Utilities, Inc. as follows:

3. For the required I/I Reduction Program progress report to FDEP, if Aloha has filed its status report No. 5 (that is, a report subsequent to the report filed on March 2, 2000), please furnish that report. (If you prefer, you may treat this production request as an interrogatory and identify how much total I/I that your contractor and engineer have identified that can be eliminated from the Seven Springs System, as of the date of the report No. 5 was submitted).

Please see attached.

4. Please furnish all data which has been developed by or for Aloha in connection with the I/I reduction program.

This request for production reaches a voluminous number of documents. The documents will be produced for inspection and copying at the location where they are kept in the ordinary course of business upon reasonable notice on a mutually agreeable date.

5. Please furnish the design documentation which demonstrates the design capacity of the following items (If you prefer, you may treat this production request as an interrogatory and please provide the design capacity of each of the items listed):

- APP _____
- CAF _____
- CMP _____
- COM _____
- CTR _____
- ECR Merchant
- LEG 2
- OPC _____
- PAI _____
- RGO 2
- SEC 1
- SER _____
- OTH _____

1. Master Wastewater Pumping Station
2. IPS Modifications
3. Automated Diversion Control Valves
4. Reclaimed Water Flow Meter
5. Recycle Pump Station
6. Plant Water System

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[Signature]
FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

11173 SEP-88

FPSC-RECORDS/REPORTING

7. Reject Storage Pond Facilities
8. Yard Piping
9. Emergency Generator

These documents have already been previously produced. This request for production reaches a voluminous number of documents. The documents will be produced for inspection and copying at the location where they are kept in the ordinary course of business upon reasonable notice on a mutually agreeable date.

Respectfully submitted this
8th day of September, 2000, by:

ROSE, SUNDSTROM & BENTLEY, LLP
2548 Blairstone Pines Drive
Tallahassee, Florida 32301
(850) 877-6555



JOHN L. WHARTON

CERTIFICATE OF SERVICE

I hereby certify that an original and one copy of Aloha Utilities, Inc.'s responses to Citizens' Second Request for Production of Documents were served via Hand Delivery to Ralph Jaeger, Esquire, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850 and via U.S. Mail to Steve Burgess, Esquire, Office of Public Counsel, 111 West Madison, Tallahassee, Florida 32399-1400 on this 8th day of September, 2000.



JOHN L. WHARTON

May 25, 2000

Mr. Stephen Watford, President
Aloha Utilities, Inc.
2514 Aloha Place
Holiday, FL 34691

Re: Project Number AUI-005-2-S
Seven Springs Wastewater Collection and Pumping System
Infiltration and Inflow Reduction Program, Status Report No. 5
Period March through May 2000

Dear Steve,

This letter report has been prepared to provide you with the status of the implementation of the Infiltration and Inflow Reduction Program for the Seven Springs WW System.

As you are aware, the program consists of the following elements.

1. Prepare specifications for pipeline inspection and repair work (perform preliminary investigations needed to determine where to begin detailed inspection and repairs; clean, TV and repair lines; test and grout joints; install point and/or full liner repairs; seal service connections; etc.)
2. Obtain unit based bids from at least three line inspection and repair firms. Select firm to work with based on experience, cost, lining system licensed to install and availability of his crew to begin work).
3. Conduct initial physical observation (Preliminary Investigation) of major pump station flow patterns under various operating conditions and conduct on-site investigations into the condition of the existing sewer lines and manholes.
4. Development of subsystem work effort priority list based on initial physical observations outlined above and development of estimates of length of lines and number of manholes for each subsystem.
5. Develop and authorize yearly budget amount for total line work to be completed based on work effort required to obtain maximum reduction in I/I flow contributions in a timely and cost effective manner.
6. Begin work on wastewater collection and pumping subsystem that presently exhibits the most I/I problems. Work will begin with cleaning and TV inspection of major lines. As defects are found they will be corrected concurrently with the cleaning and TV work. As the work is completed, the contractor will provide written logs and TV tapes of the initial defect and the repair work completed. Complete TV tapes will be provided by the contractor. TV tape narratives (and on-screen data indicators) will note position of defect. Logs will also note location and flow rate of ground water entering the sewer or manhole due to the defect. Logs and tapes will be submitted to Aloha on a weekly basis for all work completed during that period. Contractor will also submit periodic work completion reports.
7. Step 5 will be repeated for each line and manhole in each wastewater collection and pumping subsystem, beginning with the subsystem estimated to exhibit the largest number of defects and progressing down to the subsystem with the least number of perceived problems.

Mr. Stephen Watford, President
May 25, 2000
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8. Each year, as necessary, an annual budget amount will be established to continue this program until the I/I flow contributions have reached acceptable levels to Aloha management.

Substantial effort has been expended in initiating this program to date:

1. A number of inspection and repair contractors were contacted to discuss this project.
2. Detailed project specifications were prepared based on the inspection work completed to date.
3. An Invitation to Bid was offered to each of the pipeline inspection and rehabilitation firms contacted earlier soliciting unit cost bids to begin the work.
4. Four bids were received and were evaluated.
5. The bid evaluations were completed and dms Environmental, Inc (DEI) was selected.
6. A finalized scope of work and unit costs were negotiated with DEI and a contract was developed and executed.
7. DEI was authorized to complete the "Preliminary Investigation" portion of the project as outlined in the scope of work and their proposal.
8. System maps for the entire Seven Springs Wastewater System were obtained and DEI developed the system numbering system and the detailed work plan that has been used to complete the Preliminary Investigation.
9. Aloha staff have made a physical assessment of system defects and have developed a list of known system defects and provided them to DEI.
10. DEI has completed the Preliminary Investigation work and has submitted their report at an expense of approximately \$29,000.
11. The Preliminary Investigation has shown that there is approximately 138,662 gpd of infiltration that can be corrected in the Seven Springs Road sub-system alone. This sub-system was chosen to receive repair effort first as the preliminary investigation showed it had the highest infiltration rates of the all the sub-systems receiving flow testing and due to the fact that obvious indications of infiltration (surface subsidence over the lines) were evident. It is anticipated that additional infiltration flows associated with the other sub-systems will be quantified as the work progresses.
12. DEI prepared a list of repair and additional investigation work required to eliminate the 138,662 gpd of infiltration found.
13. Aloha has authorized an additional \$71,727.25 work order for DEI to allow them to make the repairs and investigations identified in the Preliminary Investigation.

Since the last report, the following effort has been expended:

1. A large number of the defects identified earlier have now been corrected. Your staff and I are now evaluating the video logs of the work completed to date. We will make additional work recommendations after the video review is completed.

Mr. Stephen Watford, President

May 25, 2000

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It is anticipated that infiltration flow reductions will be tabulated and submitted to FDEP after the remaining work authorized to date has been completed.

Thank you for the continued opportunity to serve Aloha Utilities, Inc. If you have any questions please call me.

Sincerely yours,

A handwritten signature in black ink, appearing to read "David W. Porter". The signature is stylized with a large, sweeping loop that extends to the left and then curves back to the right, ending in a horizontal stroke.

David W. Porter, P.E., C.O.
Water/Wastewater System Consultant