#### LAW OFFICES

## ROSE, SUNDSTROM & BENTLEY, LLP

2548 Blairstone Pines Drive Tallahassee, Florida 32301

FREDERICK L. ASCHAUER, JR. CHRIS H. BENTLEY, P.A. ROBERT C. BRANNAN F. MARSHALL DETERDING JOHN R. JENKINS, P.A. KYLE L. KEMPER STEVEN T. MINDLIN, P.A. CHASITY H. O'STEEN DAREN L. SHIPPY WILLIAM E. SUNDSTROM, P.A. DIANE D. TREMOR, P.A. JOHN L. WHARTON

ROBERT M. C. ROSE, (1924-2006)

(850) 877-6555 Fax (850) 656-4029 www.rsbattorneys.com CENTRAL FLORIDA OFFICE SANLANDO CENTER 2180 West State Road 434 **SUITE 2118** LONGWOOD, FLORIDA 32779 (407) 830-6331 FAX (407) 830-8522

MARTIN S. FRIEDMAN, P.A. BRIAN J. STREET

CHRISTIAN W. MARCELLI, OF COUNSEL (LICENSED IN NEW YORK ONLY)

September 28, 2007 VIA HAND DELIVERY

Ann Cole, Clerk Florida Public Service Commission Division of Economic Regulation 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re:

Aloha Utilities, Inc.; PSC Docket No. 060122-WU

Application for Limited Proceeding

Our File No. 26038.49

Dear Ms. Cole

Attached please find the original and 15 copies of Aloha Utilities, Inc.'s Application for a Limited Proceeding.

Should you have any questions in this regard, please let me know.

CMP	Sincerely,
COM	ROSE, SUNDSTROM & BENTLEY, LLP
CTR	NOSE, SENDS/HOME DENTE I, LY
GCL	
OPC	F. Marshall Deterding
RCA FMD/tms	For the Firm
SCR	
SGA	
SEC	DOCUMENT NUMBER-DATE
OTH	0 9 9 h 7 SEP 28 ≿

11994/ SEL 702

FPSC-COMMISSION CLERK

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application of ALOHA UTILITIES, INC. for a limited proceeding in Pasco County, Florida

DOCKET NO. 060122-WU

#### APPLICATION FOR LIMITED PROCEEDING RATE INCREASE

Applicant, ALOHA UTILITIES, INC. (the *Utility*), by and through its undersigned attorneys and pursuant to Section 367.0822, Florida Statutes, Chapter 25-30.445, Florida Administrative Code, and Order Nos. PSC-06-0169-S-WU and PSC-07-0023-S-WU, files this Application for a limited proceeding rate increase in Pasco County, Florida.

#### Preliminary Matters

The following information is provided pursuant to Rule 25-30.445, Florida Administrative Code:

(1) The name of the Utility and its principal place of business is:

> Aloha Utilities, Inc. 6915 Perrine Ranch Road New Port Richey, FL 34655

(2)The name and address of the person authorized to receive notices and communications in respect to this application is:

> F. Marshall Deterding, Esquire Rose, Sundstrom & Bentley, LLP 2548 Blairstone Pines Drive Tallahassee, FL 32301 (850) 877-6555 Telephone:

Facsimile:

(850) 656-4029

The Utility is a Florida corporation incorporated in Florida on March 3, 1970. The (3) names and addresses of the persons owning more than 5% of the Utility's stock are:

Lynnda Speer

62.5%

Joann Pippin

37.5%

1

DOCUMENT NUMBER-DATE

08947 SEP 28 5

Aloha Utilities, Inc. 6915 Perrine Ranch Road New Port Richey, FL 34655

- (4) The last general rate proceeding for Aloha was processed in Florida Public Service Commission Docket No. 010503-WU. This resulted in Order No. PSC-02-0593-FOF-WU being issued on April 30, 2002, adjusting the rates of Aloha but granting no rate increase.
- (5) The address within the service area where the application is available for customer inspection during the time the rate application is pending is:

Aloha Utilities, Inc. 6915 Perrine Ranch Road New Port Richey, FL 34655

- (6) The Affidavit of Stephen Watford, President of the Utility, stating that the Utility will comply with Rule 25-30.446, F.A.C., and is attached as **Exhibit "A"**.
- (7) The appropriate filing fee of \$2,250 is filed herewith in accordance with Rule 25-30.020, F.A.C.

#### Additional Information

The following additional information is provided pursuant to Rule 25-30.445(5), (6) and (7), Florida Administrative Code:

- (8) The purpose of this Limited Proceeding is for the Utility to recover the cost of chloramination facilities; and operating costs related thereto; the investment in impact fees paid to the County for the various phases of bulk water purchases from Pasco County; the cost of purchased water for the first phase of such purchases, and the operating costs related thereto. The resulting costs constitute an overall revenue increase of \$3,910,501 on an annual basis over the test year revenues.
- (9) This limited proceeding is being requested in order to recover costs required by a governmental regulatory agency, in that the purchase of bulk water from Pasco County is required

by the Southwest Florida Water Management District (SWFWMD) in order for the Utility to attempt to bring its water withdrawals from its wells to permitted levels. The conversion to chloramination is required by DEP as a condition of the purchase of bulk water from Pasco County. In compliance with the requirements of Commission Rule 25-30.445(4)(b) attached are:

- (a) a copy of the Utility's existing Water Use Permit authorizing the withdrawal of only 2.04 MGD from its existing wells (Exhibit "C"); and
- (b) an estimate by a professional engineer, knowledgeable in the design and construction of water and wastewater plants to establish the projected costs of the Applicant's investment and period of time required for completion of construction.
- (10) Attached hereto as part of **Exhibit "B"** is a schedule that provides the specific rate components for which the Utility seeks recovery, including for each item supporting detail which provides the actual projected costs; the date all of the items are projected to be placed in service; and any corresponding adjustments that are required as the result of adding or removing requested components from rate base, which includes retirement entries; and other relevant supporting information.
- (11) The schedules incorporated in **Exhibit "B"** also include a request for recovery of plant in service, accumulated depreciation and depreciation expense and supporting detail provided by primary accountants defined by the NARUC System of Accounts.
- (12) Included in **Exhibit "B"** is a calculation of weighted average cost of capital for the most recent 12 month period, using the midpoint of the range of the last authorized rate of return on equity, the current imbedded costs of fixed rate capital, the actual cost of short term debt, the actual cost and variable cost debt, and the actual cost of other sources of capital which were used in the last

individual rate proceeding of the Utility.

- (13) The Utility is requesting recovery of operating expenses related to both the chlorimation facilities and the purchased water facilities. As such, the following information is provided as part of **Exhibit "B":** 
  - (a) a detailed description of the expenses requested;
  - (b) total cost by primary account pursuant to NARUC Uniform System of Accounts;
  - (c) supporting documentation and calculations;
  - (d) no allocations are made between systems, affiliates or related parties, as only the Seven Springs water system is involved in the investments and operating costs which are the subject of this proceeding.
- (14) Included within **Exhibit "B"** are listings of all items that will create cost savings or revenue impact from the implementation of the requested cost recovery items.
- (15) **Exhibit "B"** includes other items where calculations are required, and supporting documentation is filed which reflects the calculations or assumptions made.
- (16) A calculation of the revenue increase including regulatory assessment fees and income taxes is included as part of **Exhibit "B**."
- (17) Annualized revenue for the most recent 12 month period, using the rates in effect at the time the Utility is filing this Application for Limited Proceeding and a schedule reflecting this calculation by customer class and meter size, is included as part of **Exhibit "B."**
- (18) A schedule of current and proposed rates for all classes of customers is included as part of **Exhibit "B."** 
  - (19) Schedules for the most recent 12 month period showing that without any increase in

rates the Utility went below its authorized rate of return, in accordance with Section 367.082, Florida Statutes, is included as part of **Exhibit "B."** These schedules consist of a rate base, net operating income, and cost of capital, with adjustments to reflect those consistent with the Utility's last rate proceeding, and with Order Nos. PSC-06-0169-S-WU and PSC-07-0023-S-WU.

- (20) This limited proceeding is not requesting a change in the current rate structure and as such, the requirements of Section 25-30.445(4)(m) are inapplicable.
- (21) The Utility's rate base did not decline and none of the expense recovery sought by the Utility is offset by customer growth since its most recent rate proceeding, or will be offset by future customer growth expected to occur within one year of the date the new rates are implemented, except to the extent recognized in the schedules attached as **Exhibit "B."**
- of AFUDC and other carrying costs, as well as the need to comply with SWFWMD regulations and requirements, the Florida Public Service Commission agreed to expedite processing of this Application. It is the Utility's intent to begin purchasing water no later than 120 days from the date of filing this Application and therefore, Aloha requests that the Public Service Commission act within the time frame which they agreed in Order Nos. PSC-06-0169-S-WU and PSC-07-0023-S-WU, or earlier if at all possible.

WHEREFORE, the Utility requests that the Florida Public Service Commission do the following:

- Accept jurisdiction of this Application to grant an increase in water rates to Aloha
   Utilities, Inc.
- 2. Provide immediate rate relief to the Utility of the costs outlined herein in accordance with the stipulation entered into and approved by the Commission by Order Nos. PSC-06-0169-S-

WU and PSC-07-0023-S-WU and approve such final rates no later than 120 days of the filing hereof.

Respectfully submitted this 2 day of \_\_\_\_\_\_ Septents, 2007 by:

ROSE, SUNDSTROM & BENTLEY, LLP 2548 Blairstone Pines Drive

Tallahassee, FL 32301

Telephone: (850) 877-6555

F. MARSHALL DETERDING

For the Firm

## ALOHA UTILITIES, INC.

Affidavit

## AFFIDAVIT OF STEPHEN G. WATFORD

STATE OF FLORIDA COUNTY OF PASCO

BEFORE ME, personally appeared STEPHEN G. WATFORD, who is the President of Aloha Utilities, Inc., who states that Aloha Utilities, Inc. will comply with the noticing requirements of Rule 25-30.446, Florida Administrative Code.

STEPHENG. WATFORD

Sworn to and subscribed before me this 28 day of <u>September</u>, 2007, by Stephen G. Watford, President of Aloha Utilities, Inc., who is personally known to me or has produced as identification.

PAMELA YACOBELLI
MY COMMISSION # DD312935
EXPIRES: June 20, 2008
1,400-3-NOTARY
PL Notary Discount Amor. Co.

NOTARY PUBLIC - STATE OF FLORIDA Printed Name: Panela Yacobelli

My Commission Expires:

## ALOHA UTILITIES, INC.

Seven Springs Water Limited Proceeding Special Report

ALOHA UTILITIES, INC.

Water Use Permit

# SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT WATER USE INDIVIDUAL PERMIT NO. 203182,04

EXPIRATION DATE: April 27, 2005

PERMIT ISSUE DATE: April 27, 1999

THE PERMITTEE IS RESPONSIBLE FOR APPLYING FOR A RENEWAL OF THIS PERMIT PRIOR TO THE EXPIRATION DATE WHETHER OR NOT THE PERMITTEE RECEIVES PRIOR NOTIFICATION BY MAIL. FAILURE TO DO SO AND CONTINUED USE OF WATER AFTER EXPIRATION DATE IS A VIOLATION OF DISTRICT RULES AND MAY RESULT IN A MONETARY PENALTY AND/OR LOSS OF WATER. APPLICATION FOR RENEWAL PRIOR TO THE EXPIRATION DATE IS SUBJECT TO DISTRICT EVALUATION AND APPROVAL.

This permit, issued under the provision of Chapter 373, Florida Statutes and Florida Administrative Code 40D-2, authorizes the Permittee to withdraw the quantities outlined herein, and may require various activities to be performed by the Permittee as outlined by the Special Conditions. This permit, subject to all terms and conditions, meets all District permitting criteria.

PROJECT NAME:

Not Specified

GRANTED TO:

Aloha Utilities, Inc. 2514 Aloha Place Holiday, FL 34691

ABSTRACT: This is a new permit for a long-standing existing public supply use serving the Seven Springs Service Area. It is located in southwestern Pasco County within the Northern Tampa Bay Water Use Caution Area (NTB WUCA). The Annual Average quantity is 2,040,000 gallons per day (gpd) and the Peak Month quantity is 2,470,000 gpd, and the quantities are unchanged from the previously permitted quantities. The permitted withdrawals will serve a portion of the population of the service area, but the quantities do not meet all of the present demand or the future demand within the service area. There are eight existing production wells open to the Floridan aquifer. Special Conditions require: recording and reporting metered pumpage monthly; flexibility of pumpage distribution; water quality sampling quarterly; submittal of an environmental monitoring report; submittal of annual per capita rate; submittal of water audits; submittal of annual residential water use reports; submittal of annual reuse supplier report; and continued implementation of water conservation programs.

# TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gpd)

AVERAGE:

2,040,000

PEAK MONTHLY:

2,470,000

Use

**Average** 

Peak Monthly

Public Supply:

2,040,000 gpd

2,470,000 gpd

See Withdrawal Table for quantities permitted for each withdrawal point.

Permittee: Aloha Utilities, Inc.

Page

PROPERTY LOCATION:

Pasco County, approximately 3 miles of New Port Richey, adjacent to State

Road 54.

TYPE OF APPLICATION:

New (Expired)

WATER USE CAUTION AREA:

Northern Tampa Bay

APPLICATION FILED:

October 21, 1998

ACRES:

1.64 Owned

144.00 Controlled 7,173.00 Serviced

APPLICATION AMENDED: N/A

WATER USE: PUBLIC SUPPLY

**SERVICE AREA NAME** 

Seven Springs

USE	<b>TYPE</b>

**POPULATION** <u>SERVED</u>

PER CAPITA

RATE

Residential Single Family Other Uses (Unmetered)

Total Public Supply:

24,452

Gross = 121 gpd/person

Compliance = 93 gpd/person

I.D. NO. PERMITTEE/	DIAM.	DEPTH		GALLONS PER DAY				
DISTRICT	(IN.)	TTL/CSD.	<u>USE</u>	AVERAGE	PEAK <u>MONTHLY</u>			
3 / 19 4 / 20	6	350 / UNK	PS	122,000	155,000			
1/21	6	350 / UNK	PS	167,000	211,000			
1/21	10	280 / UNK	PS	449,000	523,000			
2 / 22	8	500 / UNK	PS	288,000	247.000			
6 / 23	8	305 / 120	PS	239,000	347,000			
7 / 24	8	302 / 145	PS	284,000	304,000			
			1.0	204,000	348,000			
8 / 26	10	342 / 226	PS	350,000				
9/27	10	342 / 220		259,000	315,000			
	10	5727 220	PS	232,000	267,000			

PS = Public Supply

Permittee: Aloha Utilities, Inc.

Page 3

DISTRICT <u>I.D. NO.</u>	SECTION/TOWNSHIP/RANGE	LOCATION LAT./LONG.
19 20 21 22 23 24 26 27	23/26/16 23/26/16 30/26/17 29/26/17 13/26/16 13/26/16 34/26/16	281223.03/824022.34 281224.03/824013.34 281146.03/823812.34 281139.03/823720.34 281350.03/823930.34 281342.03/823910.34 281114.03/824130.35 281103.03/824141.35

## SPECIAL CONDITIONS:

All conditions referring to approval by the Regulation Department Director, Resource Regulation, shall refer to the Director, Brooksville Regulation Department, Resource Regulation.

# SUBMITTING REPORTS AND DATA

1. All reports required by the permit shall be submitted to the District on or before the tenth day of the month following data collection and shall be addressed to:

Permit Data Section, Resource Regulation Southwest Florida Water Management District 2379 Broad Street Brooksville, Florida 34609-6899

Unless otherwise indicated, three copies of each plan or report, with the exception of pumpage, rainfall, evapotranspiration, water level or water quality data which require one copy, are required by the permit.

# WATER QUANTITY METERING AND REPORTING

2. The Permittee shall continue to maintain and operate the existing non-resettable, totalizing flow meter(s), or other flow measuring device(s) as approved by the Director, Brooksville Regulation Department, for District ID No(s). 19, 20, 21, 22, 23, 24, 26, and 27, Permittee ID No(s). 3, 4, 1, 2, 6, 7, 8, and 9. Such device(s) shall maintain an accuracy within five percent of the actual flow as installed. Total withdrawal and meter readings from each metered withdrawal shall be recorded on a monthly basis and reported to the Permits Data Section (using District forms) on or before the tenth day of the following month. If a metered withdrawal is not utilized during a given month, a report shall be submitted to the Permits Data Section indicating zero gallons.

Permittee: Aloha Utilities, Inc.

Page 4

3. The Annual Average Daily and Peak Month Daily quantities for all existing production wells, shown above in the production withdrawal table, are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes. The quantities listed in the table for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 1.2 times the permitted quantities for the individual wells, so long as adverse environmental impacts do not result and other conditions of this Permit are complied with. In all cases, the total Annual Average Daily withdrawal and the total Peak Month Daily withdrawal are limited to the quantities set forth above.

4. The Permittee shall submit on a monthly basis total water quantities, in gallons, obtained from external sources, including the interconnect(s) with Pasco County, and submit this information to the Permit Data Section by the 10<sup>th</sup> day of the following month, in conjunction with the monthly pumpage report.

# WATER QUALITY MONITORING AND REPORTING

5. Water quality samples shall be collected and analyzed, for parameter(s), and frequency(ies) specified below. Water quality samples from production wells shall be collected whether or not the well is being used, unless infeasible. If sampling is infeasible the Permittee shall indicate the reason for not sampling on the water quality data form. Water quality samples shall be analyzed by a Department of Health and Rehabilitative Services (DHRS) certified laboratory under Environmental Laboratory Certification General Category "1". At a minimum, water quality samples shall be collected after pumping the well at its normal rate for a pumping time specified in the table below, or to a constant temperature, pH, and conductivity. In addition, the Permittee's sampling procedure shall follow the handling and chain of custody procedures designated by the certified laboratory which will undertake the analysis. Any variance in sampling and/or analytical methods shall have prior approval of the Director, Brooksville Regulation Department. Reports of the analyses shall be submitted to the Permits Data Section (using District forms) on or before the tenth day of the following month, and shall include the signature of an authorized representative and certification number of the certified laboratory which undertook the analysis. The parameters and frequency of sampling and analysis may be modified by the Director, Brooksville Regulation Department, as necessary to ensure the protection of the resource.

District ID No.	Permittee ID No.	Minimum Pumping Time (minutes)	Sampling <u>Parameter</u>	Frequency
19	3	15	Chloride, Sulfate, TDS	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
20	4	15	Chloride, Sulfate, TDS	
21	1	15	Chloride, Sulfate, TDS	
22	2	15	Chloride, Sulfate, TDS	
23	6	15	Chloride, Sulfate, TDS	
24	7	15	Chloride, Sulfate, TDS	
26	8	15	Chloride, Sulfate, TDS	
27	9	15	Chloride, Sulfate, TDS	

TDS=Total Dissolved Solids; Quarterly= February, May, August, November

Permittee: Aloha Utilities, Inc.

Page

Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by the American Public Health Association-American Water Works Association-Water Pollution Control Federation (APHA-AWWA-WPCF) or Methods for Chemical Analyses of Water and Wastes by the U.S. Environmental Protection Agency (EPA).

7. The District reserves the right to set chloride, sulfate, or TDS, concentration limits on any production well in the future, based on data collected and after a sufficient data base has been established to determine limits. These limits shall be required after discussions with the Permittee. At such time as the concentration in any water sample reaches or exceeds the designated concentration limits, the Permittee shall take appropriate action to reduce concentrations to below those set for the particular well. If the District determines that long-term upward trends or other significant water quality changes are occurring, the District may reconsider the quantities permitted.

## **ENVIRONMENTAL MONITORING**

- 8. By November 1, 1999, the Permittee shall submit a report analyzing the existing environmental monitoring programs within the service area. The report shall also assess existing conditions of the monitored sites relative to the Permittee's withdrawals. If upon review the District does not find this monitoring adequate for reporting the environmental conditions of this area, the District may require development of an Environmental Monitoring Plan (EMP). Upon notification by the District that an EMP is required, the Permittee shall have 90-days to develop and submit the required EMP to the District. The EMP should include, but not be limited to, the following:
  - A. The Owner ID Nos. of all monitoring points and wetland transects;
  - B. Aerial maps showing the following:
    - 1. A north arrow;
    - 2. Section, Township, and Range;
    - 3. All existing production wells to be included in this application, designating the District and/or
    - 4. All monitored wetlands and monitoring points, designating the Owner ID No. of each point;
  - C. A complete explanation of water-level and wetland quantitative analysis and qualitative vegetative assessments to be preformed, including the frequency of monitoring each or the transect with photographic documentation.

# WATER CONSERVATION AND WATER USE CAUTION AREA CONDITIONS

9. The Permittee shall maintain a per capita water rate equal to or less than 150 gpd; This standard shall remain in effect until modified by rule.

For planning purposes, listed below are per-capita goals for future management periods. These goals may be established as requirements through future rulemaking by the District:

A. By January 1, 2001, the District may establish a new per capita water use standards. Based on current information, the per capita water use goal may be established by rule at 130 gpd; and,

Permittee: Aloha Utilities, Inc.

Page

B. By January 1, 2011, the District may establish a new per capita water use standard. Based on current information, the per capita water use goal may be established by rule at 130 gpd.

By April 1 of each year for the preceding fiscal year (October 1 through September 30), the Permittee shall submit a report detailing:

- A. The population served;
- B. Significant deducted uses, the associated quantity, and conservation measures applied to these uses;
- D. Treatment losses;
- E. Environmental mitigation quantities;
- F. Sources and quantities of incoming and outgoing transfers of water and wholesale purchases and sales of water, with quantities determined at the supplier's departure point; and
- G. Documentation of reuse and desalination credits, if taken.

If the Permittee does not achieve the specified per capita rates, the report shall document why these rates and requirements were not achievable, measures taken to attempt meeting them, and a plan to bring the permit into compliance. This report is subject to District approval. If the report is not approved, the Permittee is in violation of the Water Use Permit.

The District will evaluate information submitted by Permittees who do not achieve these requirements to determine whether the lack of achievement is justifiable and a variance is warranted. Permittees may justify lack of achievement by documenting unusual water needs, such as larger than average lot sizes with greater water irrigation needs than normal-sized lots. However, even with such documented justification, phased reductions in water use shall be required unless the District determines that water usage was reasonable under the circumstances reported and that further reductions are not feasible. For such Permittees, on a case-by-case basis, individual water conservation requirements may be developed for each management period.

Prior to the 2001 and 2011 management periods, the District will reassess the per-capita and other uses conservation goals. As a result of this reassessment, these goals may be adjusted upward or downward through rulemaking and will become requirements.

- 10. The Permittee shall maintain a water conservation oriented rate structure as specified in the Basis of Review for Water Use Permitting.
- 11. The Permittee shall conduct water audits of the water supply system during each management period. Water audits which identify a greater than 12 percent unaccounted for water shall be followed by appropriate remedial actions. Audits shall be completed and reports documenting the results of the audit shall be submitted as an element of the report required in the per capita condition to the District by the following dates: February 1, 2001; and February 1, 2011. Water audit reports shall include a schedule

Permittee: Aloha Utilities, Inc.

Page

- 12. By April 1 of each year for the preceding fiscal year (October 1 through September 30), the Permittee shall submit a residential water use report detailing:
  - 1. The number of single family dwelling units served and their total water use;
  - 2. The number of multi-family dwelling units served and their total water use; and
  - 3. The number of mobile homes served and their total water use.

Residential water use quantities shall include both the indoor and outdoor water uses associated with the dwelling units, including irrigation water.

- 13. By January 1 of each year for the preceding fiscal year (October 1 through September 30), the Permittee shall submit a report detailing:
  - A. The total annual average daily and monthly quantity of effluent supplied as reuse;
  - B. For all individual customer reuse connections with line sizes of 4 inches or greater, list:
    - 1. line size:
    - 2. location of connection;
    - 3. account name and address;
    - 4. indication of meter, if present; and
    - 5. metered quantities, if metered.
  - C. The annual average daily quantities, monthly quantities, locations, and methods of disposal for effluent that is not reused.
  - D. A map or plan depicting the area of reuse service; this map should include any areas projected to be added within the next year, if possible.
- 14. Prior to submission of a formal application to increase quantities, the Permittee shall investigate the feasibility of desalination to provide all or a portion of the requested quantities, and to implement desalination if feasible. This report shall include a detailed economic analysis of desalination, including disposal costs, versus development of fresh water supplies, including land acquisition and transmission costs.
- 15. The total quantity distributed by the system, from the permitted withdrawal facilities and any external sources, shall not exceed 3,818,000 gallons per day on an average annual basis.

### STANDARD CONDITIONS:

1. The Permittee shall comply with the Standard Conditions attached hereto, incorporated herein by reference as Exhibit "A" and made a part hereof.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Permittee: Aloha Utilities, Inc.

Page

9

#### 40D-2 Exhibit "A"

## WATER USE PERMIT CONDITIONS

#### STANDARD CONDITIONS

- 1. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the provisions of Chapter 373, F.S., Chapter 40D, or the conditions set forth herein, the Governing Board shall revoke this permit in accordance with Rule 40D-2.341, following notice and hearing.
- 2. This permit is issued based on information provided by the Permittee demonstrating that the use of water is reasonable and beneficial, consistent with the public interest, and will not interfere with any existing legal use of water. If, during the term of the permit, it is determined by the District that the use is not reasonable and beneficial, in the public interest, or does impact an existing legal use of water, the Governing Board shall modify this permit or shall revoke this permit following notice and hearing.
- The Permittee shall not deviate from any of the terms or conditions of this permit without written approval by the District.
- 4. In the event the District declares that a Water Shortage exists pursuant to Chapter 40D-21, the District shall alter, modify, or declare inactive all or parts of this permit as necessary to address the water shortage.
- 5. The District shall collect water samples from any withdrawal point listed in the permit or shall require the Permittee to submit water samples when the District determines there is a potential for adverse impacts to water quality.
- 6. The Permittee shall provide access to an authorized District representative to enter the property at any reasonable time to inspect the facility and make environmental or hydrologic assessments. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
- 7. Issuance of this permit does not exempt the Permittee from any other District permitting requirements.
- 8. The Permittee shall cease or reduce surface water withdrawal as directed by the District if water levels in lakes fall below applicable minimum water level established in Chapter 40D-8 or rates of flow in streams fall below the minimum levels established in Chapter 40D-8.
- 9. The Permittee shall cease or reduce withdrawal as directed by the District if water levels in aquifers fall below the minimum levels established by the Governing Board.
- 10. The Permittee shall practice water conservation to increase the efficiency of transport, application, and use, as well as to decrease waste and to minimize runoff from the property. At such time as the Governing Board adopts specific conservation requirements for the Permittee's water use classification, this permit shall be subject to those requirements upon notice and after a reasonable period for compliance.

Permittee: Aloha Utilities, Inc.

Page

10

- The District may establish special regulations for Water Use Caution Areas. At such time as the 11. Governing Board adopts such provisions, this permit shall be subject to them upon notice and after
- The Permittee shall mitigate, to the satisfaction of the District, any adverse impact to existing legal 12. uses caused by withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include:
- A reduction in water levels which impairs the ability of a well to produce water;
- Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
- Significant inducement of natural or manmade contaminants into a water supply or into a usable C.
- The Permittee shall mitigate to the satisfaction of the District any adverse impact to environmental 13. features or offsite land uses as a result of withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include the
- Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, a. b.
- Sinkholes or subsidence caused by reduction in water levels;
- Damage to crops and other vegetation causing financial harm to the owner; and C. đ.
- Damage to the habitat of endangered or threatened species.
- When necessary to analyze impacts to the water resource or existing users, the District shall require 14. the Permittee to install flow metering or other measuring devices to record withdrawal quantities and
- A District identification tag shall be prominently displayed at each withdrawal point by permanently 15. affixing the tag to the withdrawal facility.
- The Permittee shall notify the District within 30 days of the sale or conveyance of permitted water 16. withdrawal facilities or the land on which the facilities are located.
- All permits issued pursuant to these Rules are contingent upon continued ownership or legal control 17. of all property on which pumps, wells, diversions or other water withdrawal facilities are located.

ALOHA UTILITIES, INC.

Letter from Engineer

Regulatory Assistance
Process Troubleshooting
System Design/Permitting
Construction Observation
Forensic Engineering
Expert Witness Testimony
Rate Case Support

September 28, 2007

Mr. Stephen G. Watford, President Aloha Utilities, Inc. 6915 Perrine Ranch Road New Port Richey, FL 34655

Re: Project Number AUI-034-5-S Limited Proceeding Rate Case

Dear Steve,

I have prepared this letter at the request of Rose, Sundstrom & Bentley, LLP, your attorneys, for the purpose of applying for a limited proceeding rate case concerned with obtaining rates for certain chloramination facilities construction and operating expenses and for the construction of system interconnect facilities and operating costs associated with purchasing bulk water from Pasco County.

I coordinated the work or Aloha's consulting engineers and also personally completed a portion of the work undertaken in developing capital and operating costs associated with the addition of Chloramination facilities and bulk purchased water from Pasco County and the estimated time for completion of these facilities to the extent they are not already in place.

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

Sincerely yours,

David W. Porter, P.E.

Water and Wastewater Engineering Consultant

Aloha Utilities, Inc.
Seven Springs Water Limited Proceeding
Special Report
Draft 9-19-07

DOCUMENT NUMBER DATE

---- CION OF FRE



# Carlstedt, Jackson, Nixon & Wilson CERTIFIED PUBLIC ACCOUNTANTS, P.A.

James L. Carlstedt, C.P.A.
Paul E. DeChario, C.P.A.
Katherine U. Jackson, C.P.A.
Robert H. Jackson, C.P.A.
Cheryl T. Losee, C.P.A.
Robert C. Nixon, C.P.A.
Jeanette Sung, C.P.A.
Holly M. Towner, C.P.A.
James L. Wilson, C.P.A.

September 27, 2007

Officers and Directors Aloha Utilities, Inc.

In accordance with your request, we have prepared the accompanying Special Report of Aloha Utilities, Inc., Seven Springs Water Limited Proceeding consisting of the schedules listed in the preceding Index.

This report is intended solely for use as part of a Limited Proceeding rate application to be filed with the Florida Public Service Commission and should not be used for any other purpose.

Because this Special Report was not audited by us, we do not express an opinion or any other form of assurance on it.

Carlstedt Jochson Misky W. Isn CARLSTEDT, JACKSON, NIXON & WILSON

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Special Report

### Index

Schedule <u>No.</u>	Page(s)	Description Accountant's Letter
1	1	Present and Proposed Rates
2	2	Calculation of Percentage Rate Increase And Increase to the Gallonage Charges
3	3	Schedule of Rate Base Components Rate of Return and Revenue Requirements
4	4	Rate Base and Rate of Return After Limited Proceeding Rate Increase
5	5-6	Statement of Operations After Limited Proceeding Rate Increase
6	7	Allocation of Soft Costs and AFUDC and Total Chloramination System Costs
7	8	Schedule of Chloramination System Hard Costs by Primary Account & Vendor
8	9	Schedule of Chloramination System Allocable Soft Costs by Vendor
9	10-14	Chloramination System - AFUDC Charged
10	15	Schedule of Retirements
11	16-17	Schedule of Pasco County Capacity Charges & AFUDC Calculation
12	18-19	Estimated Costs of Pasco County Tie-In & AFUDC Calculation
13	20	Accumulated Depreciation And Expense on Chloramination Plant, Pasco County Tie-in and Pasco County Water Capacity Charges
14	21-23	Increases in Operating Expenses
15	24	Schedule of Pasco County Purchased Water Costs
16	25	Capital Structure and Weighted Cost of Capital
17	26	Increase in Contributions in Aid of Construction and Accumulated Amortization
18	27-28	Projected Meters/Customers and ERC's and Gallons Sold
19	29	Schedule of Annualized Revenue

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Present and Proposed Rates

Line No. 1	Pacidontial	Present <u>Rates</u>	Proposed Increase	Proposed <u>Rates</u>
2	Residential Base facility charges ( 63.35% increase)			
3	5/8 x 3/4"	\$ 4.47	\$ 2.83	\$ 7.30
	3/4"	6.70	4.24	10.94
4 5	1"	11.18	7.08	18.26
6		22.38	14.18	36.56
О	1-1/2"	22.30	14.10	30.50
7	Gallonage Charges (\$ 2.48 increase)			
8	Gallonage charge - 0 - 10,000 gallons	1.53	2.48	4.01
9	Gallonage charge - over 10,000 gallons	1.90	2.48	4.38
10	General Service			
11	Base facility charges ( 63.35% increase)			
12	5/8/ x 3/4"	4.47	2.83	7.30
13	1"	11.18	7.08	18.26
14	1-1/2"	22.38	14.18	36.56
15	2"	35.79	22.67	58.46
16	3"	71.60	45.36	116.96
17	4"	111.87	70.87	182.74
18	6"	223.73	141.73	365.46
19	8"	357.95	226.76	584.71
20	10"	514.56	325.97	840.53
21	Gallonage charge per 1,000 gallons( \$2.48 increase)	1.67	2.48	4.15

### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Calculation of Percentage Rate Increase And Increase to the Gallonage Charges

Line <u>No.</u>						Schedule Reference
1 2 3 4	(A)	Allocation of Revenue Requirement Total proposed revenue increase Total cost of purchased water from Pasco County Divide by factor for Regulatory Assessment Fees	\$ 3,223,680 0.955	\$	3,910,501	3 15
5		Total Purchased water cost in proposed revenue increase	\$ 3,375,581		(3,375,581)	
6		Proposed revenue increase related to base facility charges		<u>\$</u>	534,920	
7 8 9	(B)	Percentage increase in Base Facility Charges Total annualized revenue - existing rates Less annualized gallonage revenue - existing rates		\$	3,077,231 (2,232,843)	19 19
10		Annualized base facility charge revenue - existing rates		<u>\$</u>	844,388	
11		Total proposed base facility charge increase		<u>\$</u>	534,920	
12		Divide by annualized base facility charge revenue		\$	844,388	
13		Percentage increase in base facility charges			63.35%	
14 15	(C)	Increase in Gallonage Charges Proposed increase to gallonage charges		<u>\$</u>	3,375,581	
16		Divide by projected gallons sold (000)			1,361,000	18
17		Proposed gallonage charge increase		<u>\$</u>	2.48	

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Rate Base Components, Rate of Return and Revenue Requirement

Line		Cost	Schedule
<u>No.</u>	Increase in Rate Base & Rate of Return	<u>Amount</u>	Reference
1	Actual cost of Chloramination System	\$3,848,657	6
2	Estimated cost of Pasco County water tie-in (including land)	903,593	12
3	Capacity charges paid to Pasco County for purchased water	4,136,675	11
4	Retirement of old equipment	(89,228)	10
5	Accumulated depreciation net of retirement of old equipment	(866,396)	13,10
6	Contributions In Aid of Construction (CIAC)	(6,282,000)	17
7	Accumulated amortization of CIAC	393,162	17
8	Total increase in rate base	2,044,463	
9	Weighted cost of capital	<u>7.04%</u>	16
10	Rate of return required	143,930	
11	Increase in Operating Expenses		
12	Increase in O&M expense, including purchased water	3,567,866	14
13	Increase in depreciation expense	340,118	13
14	Increase in CIAC amortization	(244,370)	
15	Decrease in depreciation expense associated with retirements	(3,768)	10
16	Increase in taxes other than income taxes	71,191	14
17		3,731,037	
18	Decrease in Overall Rate of Return		
19	Projected 2009 operating income before decrease	\$358,194	
20	Authorized rate of return after limited proceeding increase	217,755	
21	Decrease required to realize an 8.52% rate of return (current authorized)	(140,439)	
21	bediease required to realize an older rate of retain (buriefit authorized)	(140,400)	
22	Total increase in operating expenses	3,590,598	
22	Total increase in operating expenses	_3,330,330	
23	Total revenue increase before Regulatory Assessment Fees (RAF's)	3,734,528	
23 24	Divide by factor for RAF's	0.955	
24	Divide by lactor for the s	0.900	
25	Total Revenue Increase	¢ 3 010 501	
∠5	Total Nevertue increase	\$3,910,501	

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chlorimination and Purchased Water Increase Rate Base and Rate of Return After Limited Proceeding Rate Increase

Line No. 1 2 3 4 5 6	Utility plant in service Land Accumulated depreciation Contributions in Aid of Construction (CIAC) Accumulated amortization of CIAC Net deferred income taxes Allowance for working capital	Balance 12/31/2006 \$ 18,617,982 44,750 (4,370,508) (14,124,754) 3,590,254 359,136 4,116,860 136,400		(A) \$ (B) (C) (D) (E)	Proforma Balance 12/31/2009 23,583,250 119,750 (6,399,928) (20,406,754) 5,163,955 359,136 2,419,409 136,400	
8	Rate base	\$ 4,253,260	\$ (1,697,45 <u>1</u> )	9	2,555,809	
9	Operating Income	\$ (96,810)		9	217,755	5
10	Rate of return	<u>-2.28%</u>			8.52%	ł
11 12 13 14	Adjustments  (A) Plant in service Plant capacity charges paid to Pasco Co Estimated Costs of Pasco County tie-in	ounty		-	4,136,675 828,593	11 12
15	Total Plant adjustments			3	4,965,268	
16 17	(B) <u>Land</u> Estimated cost of land for County tie-in	5	75,000	12		
18 19 20 21	(C) Accumulated Depreciation  Depreciation on existing plant to 12-31-0  Depreciation on Pasco County capacity  Annual depreciation on estimated cost o	-	(248,201) (39,254)	13		
22	Total accumulated depreciation adjustme			_	(2,029,420)	
23	(D) Additional projected CIAC through 12-31	-	(6,282,000)	17		
24 25	(E) Additional accumulated amortization of p Accumulated amortization on existing Cl	-	393,162 1,180,539	17		
26	Total accumulated amortization of CIAC	adjustments		9	1,573,701	
27 28	Note: The retirement of chlorination equi were booked in 2005 and included in th			ramina	ation plant cost	s

Schedule No. 4

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chloramination and Purchased Water Increase Statement of Operations After Limited Proceeding Rate Increase

Line No. 1 2 3 4 5 6 7 8	Oper Ope Dep Amo Amo Taxe Inco	rating Revenue rating Expenses: eration & Maintenance (O&M) ereciation ortization of CIAC ortization of contributed taxes es other than income ome taxes	Proforma Balance 12/31/2006 \$ 6,987,732 6,119,553 772,291 (637,883) (35,982) 549,068 2,930 6,769,977				
10	Ope	rating Income	\$ (96,810)	<u>\$ 314,565</u>		\$ 217,755	
11 12 13 14	<u>Adju</u> (A)	stments Operating Revenue Limited proceeding revenue increase Increase in projected revenue at current	rates			\$ 3,910,501 437,189	3
15						\$ 4,347,690	
16 17	(B)	O&M Expenses Increase in O&M expense - Purchased v	water & tie-in cos	sts (1)		\$ 3,236,191	14
18 19		2009 gallons purchased from Pasco Co Projected increase in bulk rate per 1,000	unty (000) O gallons through	n 2009 (3)		876,000 \$ 0.08	
20		Projected increase in purchased water b	oy 2009			70,080	
21 22 23 24		2006 O&M expense Factor for customer growth & inflation th Total indexed existing O&M through 12- 2006 O&M expense	2,226,931 1.2633 2,813,282 (2,226,931				
25		Increase in 2006 O&M for customer grow	wth & inflation			586,351	
26		Total increase in O&M expense				\$ 3,892,622	
27 28	(C)	<u>Depreciation Expense</u> Increase in depreciation expense (1)	\$ 191,636	. 13			
29 30	(D)	Amortization of CIAC Increase in CIAC amortization				<u>\$ 244,370</u>	17
31 32 33	(E)	Taxes Other Than Income Increase in property taxes Increase in Regulatory Assessment Fee	es			\$ 14,334 175,973	3
34		Total increase	<u>\$ 190,307</u>				

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chloramination and Purchased Water Increase Statement of Operations After Limited Proceeding Rate Increase

#### Line Schedule Adjustments (Continued) No. Reference 1 (F) Income taxes 2 Rate base after limited proceeding adjustments \$ 2,555,809 4 3 0.1900% 16 Weighted cost of equity 4 Net income after income taxes 4,856 5 Factor for gross-up to income before income taxes 1.6033 6 7.786 Pretax income 7 Income before income taxes (4,856)8 Income tax provision after limited proceeding increase 2,930 9 Notes: (1) Costs related to Chloramination were incurred in 2006 and are not included in 10 the increased expenses for purposes of this Schedule. 11 (2) 2006 O&M is indexed for customer growth & Inflation (compound multiplier) 12 to reflect presently incurred 2006 O&M at the end of 2009 as follows: 13 No. of ERC's 12-31-06 13,677 14 Projected No. of ERC's 12-31-09 15,770 2,094 15 Increase in ERC's through 12-31-09 15.31% Percentage increase 16 PSC 2006 Price Deflator Index of 3.09% 17 1.0956 for 3 years 18 Compound Multiplier: 19 Customer growth 1.1531 20 Price deflator Index 1.0956 21

Compound multiplier index factor

22

1.2633

#### Aloha Utilities, Inc. Allocation of Soft Costs and AFUDC and Total Chloramination System Costs

Line <u>No.</u> 1 2 3	NARUC <u>Actt.</u> <u>Description</u> 304.023 Structures & improvements - Source of supply & Pumping plant 304.033 Structures & improvements - Water treatment plant 320.033 Water treatment equipment	Hard Costs Before Allocation \$ 50,913 1,342,158 1,465,590	Soft <u>Ratio</u> Costs  1.78% \$ 12,537  46.95% 330,684  51.27% 361,111	Total Costs Before AFUDC \$ 63,450 1,672,842 1,826,701	Ratio         AFUDC           1.78%         \$ 5,085           46.95%         134,119           51.27%         146,460	Total <u>Cost</u> \$ 68,535 1,806,961 1,973,161	Schedule <u>Reference</u> 7,8,9 7,8,9 7,8,9
4	Total	\$ 2,858,661	100.00% \$ 704,331	\$ 3,562,992	100.00% \$ 285,664	\$ 3,848,657	

#### Aloha Utilities, Inc. Schedule of Chloramination System Hard Costs by Primary Account & Vendor

Line No. 1 2 3	NARUC <u>Actt.</u> 304.023 304.033 320.033	Total Costs Description Structures & improvements - Source of supply & Pumping plant Structures & improvements - Water treatment plant Water treatment equipment	Balance Hard Costs Per AP Detail Report \$ 41,843 1,343,990 1,463,005	Adjustments Per GL Detail Report \$ 9,070 (1,832) 2,585	Total Hard <u>Costs</u> \$ 50,913 1,342,158 1,465,590
4		Total hard costs	\$ 2,848,838	\$ 9,824	\$ 2,858,661
5		Costs by Vendor	46 760	<b>\$</b> 9.070	\$ 25.832
6	304.023	Extreme Fence, Inc. John Penichat Property Maintenance	\$ 16,762 1,200	\$ 9,070	1,200
7 8		Florida Fence	3,900		3,900
9		South Florida Fence, Inc.	19,981	<del></del>	19,981
10		Total account 304.023	41,843	9,070	50,913
11	304.033	A Southwest Concrete, Inc.	343		343
12	001.000	Ameritek Communications, Inc.	5,220		5,220
13		B.A.S.I.C. Rail & Fabrication Co.	500 500		500 500
14		Charles Moore - Relocate shed	754		754
15 16		C.L.C Trucking, Inc. Dixie Tank Company	599,286		599,286
17		Flatworks, Inc.	183,743		183,743
18		Just A1 Quality Signs	116		116
19		Marolf Enviromental, Inc.	. 315,849 1,801		315,849 1,801
20		P.A.W. Trucking, Inc.	226,174	(1,832)	224,343
21		Pasco Pipe Supply, Inc. Professional Service Industries,Inc. (PSI)	8,914	(1,002)	8,914
22 23		Secord Contracting Corp.	475		475
24		Tractor Supply Company	316		316
25		Total Account 304.33	1,343,990	(1,832)	1,342,158
26	320.033	A. Williams Electric Co.	13,904		13,904
27	020.000	Barney's pumps, Inc.	11,454		11,454
28		Bolt & Nut, Inc.	5,172		5,172 2,805
29		Complete Environmental Products, Inc.	2,805 6,371		6,371
30		Custom Pump & Controls, Inc. Davis Supply, Inc.	154		154
31 32		Fergueson Enterprises, Inc.	1,931		1,931
33		W.W. Grainger, Inc.	649		54
34		Hach Company	137,083		137,083 1,658
35		Home Depot	1,197 4,904		4,904
36		Hughes Supply, Inc Instruments South Corporation	439,856		439,856
37 38		Komax Systems	56,549		59,923
40		Prominent Fluid Controls	252,020		252,020
41		Rexel Consolidated Electrical	57		138
42		Rocha Controls	518,451 2,950		517,996 2,950
43		Short Enviromental Laboratories, Inc. Southern Metal Works, Inc.	2,930		193
44 45		Swartzsel's Ace Hardware	306		360
46		Tampa Rubber & Gasket Co., Inc.	3,249		3,249
47		USA Bluebook	3,750	(335)	3,414
48		Total Account 320.033	1,463,005	2,585	1,465,590
49		Total Hard Costs	\$ 2,848,838	9,824	\$ 2,858,661

### Aloha Utilities, Inc. Schedule of Chloramination System Allocable Soft Costs by Vendor per Detail Reports

Line <u>No.</u>	Description	Balance Soft Costs Per AP Detail <u>Report</u>		Total Soft <u>Costs</u>
1	General Costs	<b>s</b> 169	:	\$ 169
2	C&C Consultants (Crane Huck)	4,100	(300)	3,800
3	Department of Environmental Protection (Permitting)	215	,	215
4	Federal Express	986		986
5	Instant Printing & Copying	71		71
6	Jim & Slim's Tool Supply	135		135
7	Labor Ready Southeast	272		272
8	Media General	28	182	210
9	NAPA Auto Parts	27,914		27,914
10	Neff Rental, inc.	18		18
11	Petty Cash	4,440		4,440
12	Portable Sanitation of Tampa, Inc.	187		187
13	Radio Shack RSC - Rental Service Corporation	903		903
14	Sims Crane & Equipment Co., Inc.	12,490	(1,773)	10,716
15	St. Petersburg Times	794		794
16	Tucker/Hall, Inc.	14,607		14,607
17	U.S. Peroxide, LLC	4,375		4,375
18 19	Robar, Inc Ion Exchange	305		305
	Pasco Blueprint	321		321
20 21	Harberston - Swanston	72		72
	Halbeistoff - Gwalistoff	72,400	(1,891)	70,509
22				
23	Engineering, Surveying & Hydrology	171,032	20,638	191,669
24	Civil Engineering Associates, Inc.	3,878		3,878
25	David N. Gomberg PhD (Hydrology)	8,829		8,829
26	Frank A. Julian Surveying, Inc.	183,816		183,816
27	David W. Porter, P.E.,C.O.	232,764		232,764
28	University of South Florida	600,318		620,956
29		000,510	20,000	- 020,000
30	Legal & Accounting	0.007	,	8,907
31	Rose, Sundstrom & Bentley, LLP	8,907		3,960
32	Cronin, Jackson, Nixon & Wilson, CPA's	8,713		
33		17,619	(4,753)	12,867
34	Total Soft Costs	\$ 690,337	\$ 13,994	\$ 704,331

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chloramination System - AFUDC Charged

Line <u>No.</u>	<u>Year</u>		AFUDC Charged
1	2002	Annual Additions	\$ 523
2	2003	Annual Additions	5,154
3	2004	Annual Additions	25,168
4	2005	Annual Additions	254,819
5		Total AFUDC charged	\$ 285,664

105.003-CWIP-SS-W System Upgrade CWIP and AFUDC Calculations F.Y.E. 12/31/05

	Beginning of Month	Additions	End of Month	1/2 Increase	Average Value	AFUDC Rate	AFUDC Interest	
12/31/04	or Month	30,845.71	1,180,742.42 I			Raic	merest	
Jan-05	1,180,742.42	457,457.88	1,638,200.30	228,728.94	1,409,471.36	0.0072689	10,245.31	
Feb-05	1,648,445.61	385,444.39	2,033,890.00	192,722.20	1,841,167.80	0.0072689	13,383.26	
Mar-05	2,047,273.26	382,649.63	2,429,922.89	191,324.82	2,238,598.08	0.0072689	16,272.15	
Apr-05	2,446,195.04	291,870.23	2,738,065.27	145,935.12	2,592,130.15	0.0072689	18,841.93	
May-05	2,756,907.20	260,811.06	3,017,718.26	130,405.53	2,887,312.73	0.0072689	20,987.59	
Jun-05	3,038,705.85	113,765.36	3,152,471.21	56,882.68	3,095,588.53	0.0072689	22,501.52	102,231.76
Jul-05	3,174,972.73	91,935.90	3,266,908.63	45,967.95	3,220,940.68	0.0072689	23,412.70	
Aug-05	3,290,321.33	53,511.29	3,343,832.62	26,755.65	3,317,076.97	0.0072689	24,111.50	
Sep-05	3,367,944.12	94,025.80	3,461,969.92	47,012.90	3,414,957.02	0.0072689	24,822.98	72,347.18
Oct-05	3,486,792.90	166,345.31	3,653,138.21	83,172.66	3,569,965.55	0.0072689	25,949.72	
Nov-05	3,679,087.93	26,131.87	3,705,219.80	13,065.94	3,692,153.87	0.0072689	26,837.90	52,787.62
Dec-05	3,732,057.70	89,146.84	3,821,204.54	44,573.42	3,776,631.12	0.0072689	27,451.95	
								254,818.51
		2,413,095.56						
			Total 2005 AFUDC Interest				254,818.51	
			Prior Years AFUDC Interest				30,845.71	
			Total AFUDC Interest				285,664.22	

Starting Balance + Curr Yr. Additions + Total AFUDC Interest

Total G.L. Balance as of 12/31/05

3,848,656.49

Allowance for Funds Used During Construction

105.003-CWIP-SS-W System Upgrade CWIP and AFUDC Calculations F.Y.E. 12/31/04

	Beginning of Month	Additions	End of Month	1/2 Increase	Average Value	AFUDC Rate	AFUDC Interest		
12/31/04		5,677.33		Prior Years AF		2			
Jan-04	89,547.67	2,187.66	91,735.33	1,093.83	90,641.50	0.0072689	658.86		
Feb-04	92,394.19	7,106.88	99,501.07	3,553.44	95,947.63	0.0072689	697.43		
Mar-04	100,198.51	22,019.76	122,218.27	11,009.88	111,208.39	0.0072689	808.36		
Apr-04	123,026.63	11,952.65	134,979.28	5,976.33	129,002.96	0.0072689	937.71		
May-04	135,916.99	8,863.64	144,780.63	4,431.82	140,348.81	0.0072689	1,020.18	4,122.55	4117.99
Jun-04	145,800.81	29,653.72	175,454.53	14,826.86	160,627.67	0.0072689	1,167.59		
Jul-04	176,622.12	38,345.42	214,967.54	19,172.71	195,794.83	0.0072689	1,423.21		
Aug-04	216,390.75	70,276.08	286,666.83	35,138.04	251,528.79	0.0072689	1,828.34		
Sep-04	288,495.17	75,670.84	364,166.01	37,835.42	326,330.59	0.0072689	2,372.06	6,791.20	6244.00
Oct-04	366,538.07	174,524.48	541,062.55	87,262.24	453,800.31	0.0072689	3,298.63	14,212.38	3599.68
Nov-04	544,361.18	101,481.92	645,843.10	50,740.96	595,102.14	0.0072689	4,325.74		250.71 Adj Thru 10/04
Dec-04	650,168.84	523,943.32	1,174,112.16	261,971.66	912,140.50	0.0072689	6,630.26		
	,	,						25,168.38	
		1,066,026.37							
			,	Total 2004 AFU	UDC Interest		25,168.38		
			]	Prior Years AF	UDC Interest		5677.33		
			•	Total AFUDC	Interest		30845.71		

Starting Balance + Curr Yr. Additions + Total AFUDC Interest

Total G.L. Balance as of 12/31/04

1180742.42

Allowance for Funds Used During Construction

Aloha Utilities, Inc. 2/7/06

105.003-CWIP-SS-W System Upgrade CWIP and AFUDC Calculations F.Y.E. 12/31/03

12/31/02	Beginning Additions End of 1/2 of Month Month Increase 31598.28 -523.48 31,074.80 Prior Years A		Increase	Average Value UDC Interest	AFUDC Rate	AFUDC Interest	
7 - 7 - 7 - 7 - 7	- 10 / 515	0_0110	,				
Jan-03	31,074.80	7,007.29	38,082.09	3,503.65	34,578.45	0.0072689	251.35
Feb-03	38,333.44	3,038.53	41,371.97	1,519.27	39,852.70	0.0072689	289.69
Mar-03	41,661.65	2,154.70	43,816.35	1,077.35	42,739.00	0.0072689	310.67
Apr-03	44,127.02	3,357.50	47,484.52	1,678.75	45,805.77	0.0072689	332.96
May-03	47,817.48	2,557.50	50,374.98	1,278.75	49,096.23	0.0072689	356.88
Jun-03	50,731.85	7,214.64	57,946.49	3,607.32	54,339.17	0.0072689	394.99
Jul-03	58,341.48	5,090.73	63,432.21	2,545.37	60,886.84	0.0072689	442.58
Aug-03	63,874.79	3,683.85	67,558.64	1,841.93	65,716.71	0.0072689	477.69
Sep-03	68,036.33	3,357.71	71,394.04	1,678.86	69,715.18	0.0072689	506.75
Oct-03	71,900.79	6,237.74	78,138.53	3,118.87	75,019.66	0.0072689	545.31
Nov-03	78,683.84	8,755.35	87,439.19	4,377.68	83,061.51	0.0072689	603.77
Dec-03	88,042.95	340.00	88,382.95	170.00	88,212.95	0.0072689	641.21
		52,795.54					
		·	-	Total 2003 AF	UDC Interest		5,153.85
			]	Prior Years AF	UDC Interest		523.48
				Total AFUDC	Interest		5677.33

Starting Balance + Curr Yr. Additions + Total AFUDC Interest

Total G.L. Balance as of 12/31/03

89547.67

Allowance for Funds Used During Construction

Aloha Utilities, Inc. · 2/7/06

105.003-CWIP-SS-W System Upgrade CWIP and AFUDC Calculations F.Y.E. 12/31/02

	Beginning	Additions	End of	1/2	Average	AFUDC	AFUDC
	of Month		Month	Increase	Value	Rate	Interest
Jan-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Feb-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Mar-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Apr-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
May-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Jun-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Jul-02	0.00	0.00	0.00	0.00	0.00	0.0072689	0.00
Aug-02	0.00	2,640.00	2,640.00	1,320.00	1,320.00	0.0072689	9.59
Sep-02	2,649.59	3,840.00	6,489.59	1,920.00	4,569.59	0.0072689	33.22
Oct-02	6,522.81	13,941.35	20,464.16	6,970.68	13,493.49	0.0072689	98.08
Nov-02	20,562.24	6,010.25	26,572.49	3,005.13	23,567.37	0.0072689	171.31
Dec-02	26,743.80	4,643.20	31,387.00	2,321.60	29,065.40	0.0072689	211.27
		31,074.80				[	523.48 31,598.28

Allowance for Funds Used During Construction

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Retirements

Line <u>No.</u>	NARUC Actt.	Description Structures & Improvements - Water Treatment		Cost	Depr. <u>Rate</u>	Depr. (pense
2	304.033	Structures & Improvements - Water Treatment Retire account balance	\$	20,557	3.13%	\$ 643
3 4	320.033	Water Treatment Equipment Retire account balance	_	68,671	<u>4.55%</u>	 3,125
5		Total retired	\$	89,228	_	\$ 3,768

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Pasco County Capacity Charges

Line <u>No.</u> 1	Pasco County capacity charge per ERC (350 gallons per day (GPD)	<u>\$</u>	556
2	Total gallons of water to be purchased per day Divide by daily demand per ERC		2,400,000 350
4 5	No. of ERC's of capacity to be purchased County capacity charge per ERC	\$	6,857.143 556
6 7	Total capacity charges paid to Pasco County ( December, 2006) Accrued interest based on effective cost of bonds issued to pay for capacity		3,812,571 324,104
8	Total capacity charges	\$	4,136,675

## Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of AFUDC on Pasco County Capacity Charges

Line			Beginning Monthly	A.E.I.D.C. (4)	Ending Monthly
<u>No.</u>	<u>Month</u>	0 " 0	Balance	AFUDC (1)	Balance
1	1	Capacity Charge Balance December 31. 2006	\$ 3,812,571	\$ 10,060	
2	3	Balance January 31, 2007	3,822,632	20,174	3,842,805
3	4	Balance February 28, 2007	3,842,805	20,280	3,863,085
4	5	Balance March 31, 2007	3,863,085	20,387	3,883,473
5	6	Balance April 30, 2007	3,883,473	20,495	3,903,967
6	7	Balance May 31,2007	3,903,967	20,603	3,924,570
7	8	Balance June 30, 2007	3,924,570	20,712	3,945,282
8	9	Balance July 31, 2007	3,945,282	20,821	3,966,103
9	10	Balance August 31, 2007	3,966,103	20,931	3,987,034
10	11	Balance September 31, 2007	3,987,034	21,041	4,008,075
11	12	Balance October 31, 2007	4,008,075	21,152	4,029,227
12	13	Balance November 30, 2007	4,029,227	21,264	4,050,491
13	14	Balance December 31, 2007	4,050,491	21,376	4,071,867
15	15	Balance January 31, 2008	4,071,867	21,489	4,093,356
16	16	Balance February 28, 2008	4,093,356	21,602	4,114,959
17	17	Balance, March 31, 2008	4,114,959	21,716	4,136,675
18	18	Total		<u>\$ 324,104</u>	\$ 4,136,675
19		Note (1): Per stipulation with Office of Public Coun			
20		accrued based on the effective interest rate of the			
21		County capacity charges, at the rate in effect prior	to the County's Incr	ease. The rat	e used to
22		accrue interest is 6.52% (effective rate of 2006 se	ries bonas), aiscoun	ited to a mont	nly rate of
23		0.52774247%			
24		One-half month of Interest was accrued in Decem	ber 2006, the month	of payment t	o Pasco
25		County.			

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Estimated Costs of Pasco County Tie-In

						Eng	gineering				Co	ntingency	Total					Total
Line	Acct.			Hard		& S	Soft Cost				Α	llocation	Before					Tie-In
No.	No.	Description		Costs	Percent	<u>A1</u>	location	3	Subtotal	Percent		<u>@ 20%</u>	<u>AFUDC</u>	<u>Percent</u>	A	<u>FUDC</u>		<u>Cost</u>
1	303.02	Land	\$	75,000.00	-	\$	-	\$	75,000	-	\$	-	\$ 75,000	~	\$	~	\$	75,000
2	304.02	Structures & Improvements		138,050	23.64%		22,356		160,406	23.64%		32,078	192,483	23.64%		3,413		195,897
3	309.02	Supply Mains		359,095	61.50%		58,159		417,254	61.50%		83,451	500,705	61.50%		8,879		509,584
4	311.02	Pumping Equipment		29,000	4.97%		4,700		33,700	4.97%		6,744	40,444	4.97%		718		41,161
5	334.02	Meters & Installations		9,000	1.54%		1,456		10,456	1.54%		2,090	12,546	1.54%		222		12,768
6	339.02	Other Plant & Miscellaneous		48,750	8.35%		7,896		56,646	8.35%		11,330	 67,977	8.35%		1,206		69,182
7		Total	\$	658,895	100.00%	\$	94,567	\$	753,462	100.00%	\$	135,693	\$ 889,155	100.00%	\$	14,438	\$	903,593
•								-					 					
8		Total costs excluding land	\$	583,895				\$	678,462				\$ 814,155				\$	828,593
J		rotal boots choldaling land	<u> </u>	000,000													_	

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of AFUDC on Pasco County Tie-In Costs

		Estimated Monthly	Accumulated CWIP	Accumulated CWIP	Average		
Line		CWIP	Beginning	End	CWIP	Monthly	Total
No.	Month	increase	Of Month	Of Month	<u>Balance</u>	<u>AFUDC</u>	<u>Capitalized</u>
1	1	\$ 56,740	\$ -	\$ 56,740	\$ 28,370	\$ 206	\$ 56,946
2	2	56,740	56,946	113,686	85,316	620	114,306
3	3	175,169	114,306	289,475	201,891	1,468	290,943
4	4	175,169	290,943	466,112	378,527	2,751	468,863
5	5	175,169	468,863	644,032	556,448	4,045	648,077
6	6	<u>175,168</u>	648,077	823,245	735,661	5,347	828,593
7		\$ 814,155				\$ 14,438	\$ 828,593
8		(1) AFUDC i	s based on the	company's ap	proved annual	AFUDC rate	of 9.08%
9		discounted t	o a monthly rat	e of	0.72689055%	•	

discounted to a monthly rate of 0.72689055% .

## Aloha Utilities, Inc Seven Springs Water Limited Proceeding Accumulated Depreciation and Expense on Chloramination Plant, Pasco County Tie-in and Pasco County Water Capacity Charges

As of December 31, 2009

Line No.	Actt.	Description	Capital <u>Cost</u>	Guideline Depr. <u>Rate</u>	Annual Expense	Accumulated Depreciation	Schedule Reference
1		Chloramination System					
2	304.02	Structures & improvements - Source of supply & Pumping plant	\$ 68,535	3.13%			6
3		Structures & improvements - Water treatment plant	1,806,961	3.13%	56,558	56,558	6
4	320.03	Water treatment equipment	1,973,161	<u>4.55</u> %	89,779	89,779	6
			0.040.057		140 492	148,482	
5		Total Chloramination system	3,848,657		148,482	·	
6		Years to 12-31-09 using half year convention				4.5	
7		Accumulated depreciation 12-31-09				668,169	
8		Pasco County Capacity Charges					
9	339.03	Capacity charges paid to County to purchase water	4,136,675	<u>4.00</u> %	<u>165,467</u>	165,467	11
10		Years to 12-31-09 using half year convention				1.5	
11		Accumulated depreciation 12-31-09				248,201	
12		Pasco County Tie-in			0.400	0.400	40
13	304.02	Structures & Improvements	195,897	3.13%	6,132	6,132	12
14	309.02	Supply Mains	509,584	2.86%	14,574	14,574	
15	311.02	Pumping Equipment	41,161	5.00%	2,058	2,058 638	
16		Meters & Installations	12,768	5.00%	638		
17	339.02	Other Plant & Miscellaneous	69,182	<u>4.00%</u>	2,767	2,767	
18		Total Pasco County tie-in costs	828,593		26,169	26,169	
		· · · · · · · · · · · · · · · · · · ·				1.5	
19		Years to 12-31-09 using half year convention					•
20		Accumulated depreciation 12-31-09				39,254	-
21		Total accumulated depreciation / expense 12-31-09	\$ 8,813,924		\$ 340,118	\$ 955,624	

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increases in Operating Expenses

Line	Account		Net	Schedule
No.	No.	<u>Description</u>	<u>Increase</u>	<u>Reference</u>
1		Increases due to chloramination and purchased water from Pasco County		
2		Operation and Maintenance Expense (note 1 page 3 of 3)		
3	601	Additional labor cost	e 229.420	
4		Total Labor cost per Engineer's estimate after chloramination conversion	\$ 328,429 (228,744)	
5		2005 actual labor cost before chloramination conversion	(220,744)	
			99,685	
6		incremental cost of labor	99,000	
		- )		
7	604	Employee pensions & benefits	99,685	
8		Incremental cost of labor 2005 burdened percentage for pensions & benefits	41.27%	
9		2005 burgened percentage for pensions & benefits	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
10		Incremental cost of employee pensions & benefits	41,140	
10		mioral and a superior paragraph of the super		
11	610	Purchased Water		
12	0.10	Total gallons to be purchased from Pasco County @ 2.4 MGD (000)	876,000	15
13		Pasco County rate effective 10-01-07 (without storage)	3.68	
14		Total Pasco County purchased water cost	3,223,680	
,				
15		Total gallons from Aloha's wells replaced by Pasco County purchases (000)	876,000	15
16		Existing cost per 1,000 gallons	0.10	
17		Reduction in current purchased water costs	(87,600)	
• • •				
		Net increase in purchased water costs	3,136,080	
18	615	Purchased Power		
19		Actual 2005 purchased power costs before water purchases from County	128,049	
20		Projected power costs after purchasing water from County	(88,976)	
			(00.070)	
21		Net decrease in purchased power costs	(39,073)	
22	618	Chemicals		
23		Ammonia Solution	12,597	
24		Projected cost for ammonia solution after cholramination conversion  Ammonia solution cost before chloramation conversion	12,551	
25		Ammonia solution cost before chiloramation conversion		
		Net increase in ammonia solution	12,597	
26				
27		Corrosion inhibitor	18,792	
28		Projected corrosion inhibitor cost after chloramination conversion  Actual 2005 corrosion inhibitor cost before chloramination conversion	(17,730)	ı
29		Actual 2005 corrosion innibitor cost before chlorathination conversion	(17,100)	
		Net increase in corrosion inhibitor cost	1,062	
30				
31		Gas & Liquid Chlorine	135,643	
32		Liquid chlorine cost after chloramination conversion  Actual 2005 gas & liquid Chlorine cost before chloramination conversion	(121,676)	)
33		Moluai 2000 gas a liquid officiatio ocol poloto official milation octivoro		
24		Net increase for liquid chlorine after chloramination conversion	13,967	
34		Motimorogoa tot udana attenda attai attai attai attai		

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increases in Operating Expenses

		· · ·		
Line	Account		Net	Schedule
No.	No.	Description	Increase	Reference
1		Increases due to chloramination and purchased water from Pasco County		
2	618	Chemicals (continued)		
3		Net increase in chemical cost	\$ 27,626	
4	620	Materials & Supplies - Maintenance		
5	020	Miscellaneous water sample pump repairs/parts (allowance)	4,000	
6		Miscellaneous Reactor and Piping painting supplies (allowance)	4,000	
7		Miscellaneous Electrical parts & supplies (allowance)	4,500	
•		This solution parts a supplies (anothers)	,0	
8		Total increase in materials & supplies after chloramine conversion	12,500	
9	635	Contract Services - Testing		
10		New testing not included in 2005 expenses before chloramination conversion		
11		Hydrogen Sulfide (H2S) - commercial laboratory	8,280	
12		Total/Free/Combined chlorine - field staff (exclusive of Aloha labor costs)	14,700	
13		Total/Free/Ammonia - field staff (exclusive of Aloha labor costs)	10,348	
14		HPC - commercial laboratory	10,560	
15		Lead and Copper - commercial laboratory	3,000	
			9,504	
16		WQP - commercial laboratory		
17		Nitrate and Nitrate - commercial laboratory	10,560	
18		Total additional testing after chloramination conversion	66,952	
10		Total additional testing after chloranimation conversion	00,002	
19	636	Contract Services - Other		
20		Instrument Maintenance		
21		Hach Company - contract	31,649	
22		Hach Company - Buffers & reagents	17,789	
		That company bullets a reagente	49,438	
23			49,430	
24		Controllers & Chemical Feed Equipment Maintenance		
25		AMJ Company (formerly Instruments South Corporation (ISC)) - contract	64,927	
26		Less: Costs incurred in 2005	(8,640)	
			56,287	
27		Raw Water Line Maintenance		
28		PPS Company - Mitchell Plant raw water line pigging	17,120	
20		- Frank raw water line pigging	17,120	
29		Net increase in contract services - other after chloramination conversion	122,845	
30	666	Amortization of rate case expense		
31		Estimated cost of this proceeding assuming completion through PAA process		
32		without any unusual circumstances or occurances that would drastically		
33		increase costs	\$ 175,000	
			40	
34		Annual amortization over 4 years	43,750	
35		Total increase in O&M expenses after chloramination conversion and		
			¢ 3 511 505	
36		purchased water from Pasco County	<u>\$ 3,511,505</u>	
27		Tayos Other Than Income Tayos		
37	400 40	Taxes Other Than Income Taxes		
38	408.12	Payroll taxes after chloramination conversion	e 00.00=	
39		Increase in payroll costs	\$ 99,685	
40		Payroll tax rate	<u>7.65%</u>	
41		Increase in payroll taxes	7,626	
41		morease in payroll taxes	7,020	

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increases in Operating Expenses

Line <u>No.</u>	Account No.	<u>Description</u>	<u>In</u>	Net crease	Schedule <u>Reference</u>
1		Taxes Other Than Income (continued)			
2	408.11	Property Taxes	• •	040.057	•
3		Increase in plant for conversion to chloramination	\$ 3	,848,657	6
5		Accumulated depreciation - chloramination plant		(668,169)	13
7		Net taxible increase in property		3,180,487	
8		Pasco County millage rate factor	<u>1</u>	<u>.547890</u> %	
0		Estimated increase in property taxes		49,230	
9		Estimated more and in property taxes			
10		Total estimated increase in taxes other than income taxes	<u>\$</u>	56,856	
11		Increases due to Pasco County Tie-in			
12		Operation and Maintenance Expense (note 1 page 3 of 3)			
13		Additional labor cost			
14	601	Additional labor cost for purchased water tie-in per engineer's estimate	\$	12,486	
15	604	Employee pensions & benefits		12,486	
16		Incremental cost of labor related to tie-in		41.27%	
17		Burdened percentage for pension & benefits		41.217	2
18		Incremental increase		5,153	
40	C4.E	Purchased Power			
19 20	615	Incremental increase in electric cost per engineer's estimate		26,937	
20		more mental more asset in stocking description of significant			•
21	620	Materials & Supplies - Maintenance			
22	020	Increased contact maintenance per engineer's estimate		11,785	_
23		Total O&M expense increase due to tie-in	\$	56,361	
23		Total Odivi experise increase addite to the in-	•===	<u> </u>	•
24		Taxes Other Than Income Taxes			
25	408.12				
26	700.12	Increase in payroll costs	\$	12,486	
27		Payroll tax rate		<u>7.65%</u>	<u>6</u>
28		Increase in payroll taxes		955	-
29	408.11	Property Taxes	•	000 500	12
30		Increase in plant for cost of Pasco County Tie-in	\$	903,593	
31		Accumulated depreciation - cost of Pasco County tie-in	_	(39,254	-
				864,338	
32		Pasco County millage rate factor		<u>1.5478909</u>	<u>′0</u>
		The standing of the same of th		13,379	)
33		Estimated increase in property taxes		10,078	<u>-</u>
24		Total estimated increase in taxes other than income taxes	\$	14,334	ļ.
34		Total Committee moreuse in taxes office than more taxes	<u> </u>		=
	N. ( (4) A	Winnesses in energing expanses estimated by David W. Porter, P.F. Se	ee End	rineer's	

<sup>35</sup> Note (1) All increases in operating expenses estimated by David W. Porter, P.E. See Engineer's

<sup>36</sup> Report of increased costs, projected customers, water demand and projected gallons sold.

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Pasco County Purchased Water Costs

		CUP	
		Allowable	Annual
Line		Daily (MGD)	Allowable
No.		Withdrawal	(000)
1	Well / Plant No.1	0.449	163,885
2	Well / Plant No.2	0.258	94,170
3	Well / Plant No. 6	0.239	87,235
4	Well / Plant No. 7	0.284	103,660
5	Well / Plant No. 8	0.259	94,535
6	Well /Plant No. 9	0.232	84,680
7	Mitchell Well / Plant	0.319	116,435
8	Total allowable withdrawal	2.04	744,600
9	Total water required	4.44	1,620,600
10	Amount to be purchased from Pasco County	2.40	876,000
11	Quantity to be purchased from Pasco County (000)		876,000
12	Cost per 1,000 gallons without storage, effective 10-01-07		\$ 3.68
13	Cost of purchased water from Pasco County		\$ 3,223,680

## Aloha Utilities, Inc. Capital Structure and Weighted Cost of Capital Year ended December 31, 2006

Line <u>No.</u>		<u>1</u>	Balance 2/31/2006	Percent <u>Ratio</u>	Cost of Each Percent	Weighted <u>Cost</u>
1	Capital Structure	_	400.550	0.000/	10.010/	0.020/
2	Common equity	\$	106,552	0.23%	12.01%	0.03%
3	Preferred Stock		600,000	1.31%	12.01%	0.16%
4	Long term Debt:					
5	Bonds		41,200,000	89.65%	6.71%	6.02%
6	L.L. Speer - Line of credit		2,743,912	5.97%	10.25%	0.61%
7	L.L. Speer - DOT loan		498,419	1.08%	10.25%	0.11%
8	Customer Deposits		809,075	<u>1.76%</u>	6.00%	<u>0.11%</u>
9	Total	<u>\$</u>	45,957,958	100.00%		<u>7.04</u> %

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increase in Contributions in Aid of Construction and Accumulated Amortization

Line <u>No.</u>			Projected Additions	Schedule Reference
1 2 3	CIAC Projected increase in ERC's to end of 2009 Water service availability charge per ERC	\$	2,094 3,000	18
4	Projected increase in CIAC	\$_	6,282,000	
5 6 7 8 9	Accumulated amortization Projected 2007 increase in CIAC (850 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention	\$	2,550,000 <u>3.89%</u> 99,195 <u>2.5</u>	18
10	Accumulated amortization of 2007 CIAC additions	_	247,988	
11 12 13 14	Projected 2008 increase in CIAC (622 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention		1,866,000 <u>3.89%</u> 72,587 <u>1.5</u>	. 18
15	Accumulated amortization of 2008 CIAC additions	_	108,881	
16 17 18 19	Projected 2009 increase in CIAC (622 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention		1,866,000 <u>3.89%</u> 72,587 0.5	18
20	Accumulated amortization of 2008 CIAC additions	_	36,294	
21	Total additional accumulated amortization of CIAC	<u>\$</u>	393,162	
22 23 24	Annual Amortization Total additional CIAC Composite 2006 amortization rate	\$	6,282,000 <u>3.89%</u>	ļ.
25	Annual amortization - 2009	<u>\$</u>	244,370	

#### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Projected Meters / Customers, ERC's and Gallons Sold Year Ending December 31, 2009

Line No.	Meters & ERC's Residential	2006 <u>Meters</u>	Projected 2009 <u>Meters</u>	Increase Thru 2009	Projected 2009 <u>ERC's</u>	Projected ERC Increase
1 2	5/8 X 3/4"	11,912	13,550	<u>1,638</u>	13,550	1,638
3 4	Commercial 5/8 X 3/4"	255 93	307 124	52 31	307 310	52 78
5	1"	93 26	33	7	165	35
6	1-1/2"	30	32	2	256	16
7	2" 3"	2	2	-	32	-
8 9	3 4"	4	5	1	125	25
10	6"	11	16	5	800	250
11	8"	1	1	-	80	-
12	10"	1	1		145	
13	Total Commercial	423	521	98	2,220	<u>456</u>
14	Total	12,335	14,071	1,736	15,770	2,094
15 16 17	Gallons sold (000) Total gallons sold	2006 1,222,935	Projected <u>2009</u> 1,361,000	Projected Increase 138,065		

#### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Projected Meters / Customers and ERC's by Year December 31, 2006 Through December 31, 2009

Line <u>No.</u> 1 2	Meters & ERC's Residential 5/8 X 3/4"	2006 <u>Meters</u> 11,912	2006 ERC's 11,912	Projected 2007 <u>Meters</u> 12,542	2007 Meter Increase 630	Projected 2007 ERC's 12,542	Projected 2008 Meters 13,046	2008 Meter Increase 504	Projected 2008 ERC's 13,046	Projected 2009 <u>Meters</u> 13,550	2009 Meter Increase 504	Projected 2009 ERC's 13,550	Total 2006-2008 Projected ERC Increase
3	Commercial												
4	5/8 X 3/4"	255	255	268	13	268	287	19	287	307	20	307	52
5	1"	93	233	104	11	260	114	10	285	124	10	310	78
6	1-1/2"	26	130	27	1	135	30	3	150	33	3	165	35
7	2"	30	240	30	_	240	31	1	248	32	1	256	16
8	3"	2	32	2	-	32	2	-	32	2	-	32	-
9	4"	4	100	5	1	125	5	-	125	5	-	125	25
10	6"	11	550	14	3	700	15	1	750	16	1	800	250
11	8"	1	80	1	-	80	1	-	80	1	-	80	-
12	10"	1	145	1		145	1		145	1		145	
13	Total Commercial	423	1,765	452	29	1,985	486	34	2,102	521	35	2,220	456
14	Total	12,335	13,677	12,994	659	14,527	13,532	538	15,148	14,071	539	15,770	2,094

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Projected Revenue at Current Rates Year Ending December 31, 2009

Line <u>No.</u>		No. Bills/ Gallons	Current <u>Rates</u>	Annualized <u>Revenue</u>
1 2	Residential Base facility charges	162,600	\$ 4.47	\$ 726,822
3 4	Gallons sold - 0 - 10,000 gallons (000) Gallons sold - over 10,000 gallons (000)	841,694 338,306	1.53 1.90	1,287,792 642,781
5	Total residential			2,657,395
6 7	General Service Base facility charges:			
8	5/8 x 3/4"	3,684	4.47	16,467
9	1"	1,488	11.18	16,636
10	1-1/2"	396	22.38	8,862
11	2"	384	35.79	13,743
12	3"	24	71.60	1,718
13	4"	60	111.87	6,712
14	6"	192	223.73	42,956
15	8"	12	357.95	4,295
16	10"	12	514.56	6,175
17	Total general service base facility charges	6,252		117,566
18	Gallons sold (000)	181,000	1.67	302,270
19	Total general service			419,836
20	Total annualized revenue			\$ 3,077,231