### State of Florida

## ORIGINAL



Hublic Serbice Commission EVED PSC -M-E-M-O-R-A-N-D-U-M- J3 OCT 10 AMII: 13

DATE: October 10, 2003

TO:

Division of the Commission Clerk and Administrative Services

FROM: Division of Economic Regulation (Fletcher)

Docket No. 020408-SU - Application for Rate Increase in Seminole County by Alafaya

Utilities, Inc.

Please file the attached letter from Steven Dihel, dated October 8, 2003, in the docket file for the above-referenced docket.

AUS	
CAF	
CMP	
COM	
CTR	
ECR	
GCL	
OPC	
MMS	
SEC	
OTH	•

# ORIGINAL

### ALAFAYA UTILITIES, INC.

an Affiliate of Utilities, Inc. 1067 McKinnon Avenue Oviedo, FL 32765

> Corporate Offices: 2335 Sanders Road Northbrook, IL 60062 (847) 498-6440

October 8, 2003

Mr. Bart Fletcher Fiorida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, Florida 32999-0850

RE: Docket No. 020408
Alafaya Utilities, Inc.
Additional Construction Work in Progress

Dear Mr. Fletcher:

Pursuant to your conversation with Marty Friedman, I have enclosed for your review all the appropriate supporting documentation that corresponds to the additional capital projects for the above mentioned rate case. Documentation is being provided for the following capital projects:

If you have questions or concerns regarding this, please advise.

Sincerely,

Steven Dihel Regulatory Accountant

enclosure

### **APPROVED**

Utilities, Inc. - Integrated Solutions System



Capital Project Re	equest	Florida Region	FL C067 State Co#	0647.417 Sub# ID#	
Priority Level:	Project Created: 08/07			ated to ID #:	
Project Name: Dewater,	strip sediment from	pond, spread be	rms, etc.		
Company: Alafaya Ut	ilities, Inc.	Expense	es to Start:	03/15/2002	
System: Alafaya Ut	ilities, inc.	Expense	es to End:	10/01/2002	
Service(s): ☐ Water	Sewer □ Water & Sew	er □Reuse □Ot	her	•	
Benefits ☐ Regulate Category: ☐ Improve ☐ Cost Re		ind Capacity [ ide New Service [ ove Safety	□Ongoing □Other (ex	Maintenance plain below)	
Estimated Costs	by Component	WO#: 067-0647-116 PO#:	-02-03 GU		
Component(s) Component	Description	Original Estimate	Asset Des	ignation	
20002 CAPITALIZE 20003 INTEREST D 20332 CONSTRUC	URING CONST	\$408.00 \$43.00 \$5,800.00	O Upgr O Repa	Asset(s) ading Asset(s) iring Asset(s) acing Asset(s)	
			equipmen	ng existing t, when (year) was al asset placed in	
Capital Plan Estimate: \$6,251.	.00 Estimate Totals:	\$6,251.00 # of Affect	ed	Cost per	
Capitalized Time Estimate:		1	B	Customer:  ?	
Signature Authori	ty & Approvals				
Submitted by:	Т	itle:		Date:	
\$5,000 - \$10,000	R	legional Director		Date:	
\$10,001 - \$25,000	D	irector of Operations	Date:		
Over \$25,000	с	chief Executive Office	Date:		
Attachment(s) - Re		□ Fa □ Imi	x eroffice Mail	☐ QuickMail / Email ☐ Hand Delivery	
Project Description List of System Projects	·· · · · · · · · · · · · · · · · · · ·				

#### **APPROVED**



## Capital Project Request

Florida FL C067 0647 '417

Region State Co# Sub# ID#

Priority Level:

Project Created: 08/07/02

Related to ID #:

Project Name: Dewater, strip sediment from pond, spread berms, etc.

Company: Alafaya Utilities, Inc.

Expenses to Start: 03/15/2002

System: Alafaya Utilities, Inc.

Expenses to End:

10/01/2002

**Project Description** 

See Notes Screen for addt'l info Estimate Total: \$6,251.00

De-water area, mobilize equipment, strip sediment from bottom of the pond, spread on berms, and grade slopes.

Justification & Benefits

**Alternatives** 

Timing of Project

#### System Information

#### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

List of Other Projects for System - by Project Status

Invoices:AmountComponentMeissner Construction, Inc.\$ 5,800.00Construction



# AL=F Ph 1=:

## MEISSNER CONSTRUCTION, INC.

PROJECT Phase 1& 2
DATE 3/18/02
LOCATION: Seminole County
ENGINEER
CUSTOMER Utilities inc.

## INVOICE

ITEM	· ITEM	EST.	UNIT	SUB-TOTAL	
NUMBER	DESCRIPTION	QUANTITY	MSR	EXTENSION	
1.00	POND				
1.01	DRYOUT RIM DITCH		work	a: mar	8 24 × 2 1
1.02	SPREAD RIM DITCH BOTTOM				<i>3</i>
1.03	GRADE SLOPS		$\overline{2}$		
1.04	CLEAN POND BOTTOM		(2)		1
1.00	POND		SUB TOTAL	.: \$5,80	OF Single

[0067-0-7-37-----

- 2	<b>2</b>	2
	<b>3</b>	*
		36

, Af	PPROVED			
Capital Pro	ject Request	Florida Region	FL C 0 6 7 State Co#	0647 418 Sub# ID#
Priority Level:	Project Created: 08/0	17/02	Rela	ated to ID #:
Project Name:	Fill & grade low areas ponds	9 & 10 to differe	nt ponds	
Company:	Alafaya Utilities, Inc.	Expense	es to Start:	04/15/2002
System:	Alafaya Utilities, Inc.	Expense	es to End:	09/01/2002
Service(s):	□ Water ☑ Sewer □ Water & Se	wer □Reuse □Ot	her	
Benefits Category:	□ Regulatory Requirement       □ Ex         □ Improve Service       □ Pro         □ Cost Reduction       □ Improve			Maintenance plain below)
	Cooks by Component	WO#: 067-0647-116		
Estimated	d Costs by Component	PO#:	GLi	
20002 20003 20332	Component Description  CAPITALIZED TIME  INTEREST DURING CONST  CONSTRUCTION	Original Estimate \$1,020.00 \$63.00 \$8,500.00	O Upgr O Repa O Replacion If replacion equipmen	Asset(s) ading Asset(s) airing Asset(s) acing Asset(s) acing Asset(s) ag existing at, when (year) was al asset placed in
Capital Plan Estimate:	\$9,583.00 Estimate Totals:	\$9,583.00 of# of Affect	ed	_ Cost per
Capitalized Tir	ne Estimate: Hours Customer	· ·	à .	Customer:  ?
Signatur	e Authority & Approvals			
Submitted t	oy:	Title:		Date:

\$5,000 - \$10,000	Regional Director	Date:
\$10,001 - \$25,000	Director of Operations	Date:
Over \$25,000	Chief Executive Officer	Date:
Attachment(s) - Ref. # 418	☐ Fax ☐ Interoffice	☐ QuickMail / Email: ※ Mail ☐ Hand Delivery ※

Project Description List of System Projects

#### **APPROVED**



### **Capital Project Request**

Florida FL C067 0647 418

Region State Co# Sub# ID#

Priority Level:

Project Created: 08/07/02

Related to ID #:

Project Name: Fill & grade low areas ponds 9 & 10 to different ponds

Company: Alafaya Utilities, Inc.

Expenses to Start:

04/15/2002

System: Alafaya Utilities, Inc.

Expenses to End:

09/01/2002

**Project Description** 

☐ See Notes Screen for addt'l Info Estimate Total: \$9,583.00

Construct 860' temp. fence, remove 780' chain link fence, fill and grade low area. Fill to be taken from existing berms which separate ponds 9 and 10 into 4 different pond areas.

Justification & Benefits

<u>Alternatives</u>

Timing of Project

#### System Information

#### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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#### Anticipated Growth in Area

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The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### • Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

System	Description	Work Order #	Start Date	<u>Finish</u>	Component	Esti	mated Costs	Total Spent		
	Fill & grade low areas ponds 9&10 to different			-1-1-4		•		•		
Alafaya Utilities, Inc.	ponds	067-0647-116-02-04	4/15/02	3/3/03	Capitalized Time	\$	1,020.00	\$	56.00	
					Interest During Construction	\$	63.00	\$	63.00	
					Construction	\$	8,500.00	_\$_	8,490.00	
					Total	\$	9,583.00	\$	8,609.00	

Invoices:AmountComponentSunray Paving\$ 8,490.00Construction

QUNRAY PAVING & CONSTRUCTION CO. 7 V E P.O. BOX 621358

OVIEDO, FL 32762-1358

407-359-8338

407-359-8380

INVOICE BIGHENS

Prepared: 12/04/02

DATE INVOICE# 11/20/02 # 9373

BILL TO:

UTILITIES INC. OF FLORIDA

200 WEATHERSFIELD AVENUE ALTAMONTE SPRINGS, FL 32714

ATTN:

GERRY/NATHAN

RE:

WASTEWATER POND SITE - OVIEDO

WORK FINISHED: 11/20/02

**SUNRAY JOB # 4117** 

VVI APPRICIALL YORK ELECTRICATOR ELECTRICATOR CONTRACTOR CONTRACTO

#### DESCRIPTION

AMOUNT

- 1. CONSTRUCTED 860 L.FT TEMPORARY FENCE APPROXIMATELY 5 FEET SOUTH OF EXISTING SIDEWALK.
- 2. REMOVED APPROXIMATELY 780 L.FT OF EXISTING CHAIN LINK FENCE. STOCKPILED ON SITE.
- 3. FILLED AND GRADED LOW AREA WHERE FENCE WAS REMOVED. (APPROX. 762'X30'). COMPACTED TO NEW GRADE. FILL WAS TAKEN FROM EXISTING BERMS BETWEEN PONDS AS DIRECTED.
- 4. SEEDED AND MULCHED THE DISTURBED AREA.
- 5. REINSTALLED 780 L.FT CHAIN LINK FENCE.
- 6. REMOVED TEMPORARY FENCE.
- 7. EXTRA:

A. FURNISHED AND INSTALLED ONE 20' DOUBLE DRIVE GATE.

Kapucsi

\$ 7.940.00

<u>550.00</u> 8.490.00

\$ 8,490.00

INVOICE TOTAL: \$ 8

Wof-067-0647-116-02-04-20333

YOUR BUSINESS IS GREATLY APPRECIATED! THANK YOU.

IC 2/31/02

		INTEREST	INTEREST	SUB		DATE	12/31/01							
		CALCULATED	CALCULATED	CO DIV	ACCOUNT	PUT INTO	£NO	ADDITIONS	ADDITIONS	ADDITIONS	ADDITIONS	ADDITIONS	<b>ADDITIONS</b>	ADDITIONS
SUBDIVISION	DESCRIPTION	EOR 2002	FOR DEC. 102	NO NO	NO.	SERVICE	BALANCE	JANUARY	<b>FEBRUARY</b>	MARCH	APRIL.	MAY	J.V.E.	JULY
LAFAYA	Fill and grade low area ponds 9 and 10	63 00	63 00	067 0647	118-02-04		0.00	0 00	0.00	0.00	0.00	0.00	0,00	0 00
	to different ponds							0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00	0.00	0.00	0.00	0.00	0.00

10/2/03 9 19 AM

ADDITIONS AUGUST	ADDITIONS SEPT	ADDITIONS OCT	ADÓITIÓNS <u>NOY</u>	ADDITIONS DEC	IOTALS	SALANGE SANKALAS	DIFFERENCE	JANUAIS				MAY 0.00	<u>JUNE</u> 0.00	MLY 0,00	AUGUST 0 00	<u>SEPT</u> 0.00	OCT 0.00	NOV 0.00	DEC 63 00
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REPORT UIRWO(28) UI SYSTEM PAGE 5
WORK ORDER ALLOCATION ENTRY REPORT AS OF 01-09-03

INI- TIAL	ICE	ST	EMPLOYEE NAME	WORK DT	WEEK	TOTAL HOURS	CORP	sue	PRJ	YR	NO	HOURS	TOTAL AMT	RATE AMT
				*										
DGM	SM	NC	MEDLING, DAVID G	11/06/02	46	1	087	0905	115	01	02	1	70 75	70 75
DGM	SM	NC	MEDLING, DAVID G	11/13/02	47	i	087	0905	115	Öİ	οŞ	į	30.25 30.25	30.25 30.25
DGM	SM	NC	MEDLING DAVID G	11/20/02	48	. ż	087	0905	115	01	οž	į	60.50	30.25
DGM	SM	NC	MEDLING DAVID G	11/27/02	49	ž	087		115	Ŏi	ŏΣ	3	90.75	30.25
DGM	SM	NÇ	MEDLING, DAVID G	12/04/02	50	3	087	0905	115	Ōī	οž	3	90.75	30.25
DGM	SM	NÇ	MEDLING, DAVID G	12/11/02	51	Z	087	0905	115	01	ÖΖ	ž	60.50	30.25
DGM	SM	NC	MEDLING, DAVID G	12/18/02	52	1	087	0905	115	01	02	Ĩ	30.25	30.25
DHC	FL	FL	CHRISTENSEN, DAVID	03/13/02	12	2	101	0680	116	00	06	Ž	56.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	01/30/02	6	2 8	101	0880	115	01	03	Ž	56.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	02/06/02	7	8	101	0860	115	01	03	. 8	224.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	02/13/02	8	5	101	0680	115	01	03	5	140.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	04/17/02	17	6	101	0680	115	00	04	6	168.00	28.00
DLH	FL	FL	HASTY II,DONALD L.	04/24/02	18	3	101	0880	115	00	04	3	84.00	28.00
DFH	FL	FL	HASTY II, DONALD L.	06/05/02	24	8	101	0680	116	02	02	8	224.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	06/12/02	25	20	101	0680	116	02	02	20	560.00	28.00
DLH	FL	FL		06/19/02	26	4	101	0680		02	02	4	112.00	28.00
DLO	FL	FL	ORR, DAVID L.	10/16/02	43	14	069	0649	115	02	01	8	554.00	28.00
				43/44/03		_	067	0647	116		05	6	168.00	28.000
DLO	FL	FL	ORR,DAVID L.	12/11/02	51	5	067	0647	116	02	05	ζ	56.00	28.000
			ODO ANTA I	47/48/07	63	,	089	0667	115	02	03	3	84.00	28.00
DLO	FL	FL	ORR, DAVID L.	12/18/02	52 37	3 2	067 087	0647 0905	116		05 02	3	84.00	28.00(U)
DMC	SM	NC	CORN, DOUGLAS M	09/04/02	38		087	0905	115 115	01	02	Š	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	09/11/02	39 39	Ž	087	0905	115	01		Ž	60.50	30.25
DMC	SM	NÇ	CORN, DOUGLAS M	09/18/02	40	2	087			01	02	5	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	09/25/02		Ş		0905 0905			02		60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	10/09/02	42 43	1	087 087	0905	115 115	01 01	02 02	1	30.25	30.25 30.25
DMC	SM	NC	CORN, DOUGLAS M	10/16/02	44	2	087	0905	115	01	02	2	60.50 30.25	30.25
DMC	SM	NC	CORN, DOUGLAS M	10/23/02 06/19/02	26	1 6	035	0110	115	02	02	6	195.00	32.50
DRL	NV	ΝV	LEWIS, DARRIN R.	06/26/02	27	5	035	0110	115	02	01	5	162.50	32.50
DRL	NV	NV		07/03/02	28	ź	035	0110	115	02	01	ž	65.00	32.50
DRL	NV	NV	LEWIS, DARRIN R.	08/21/02	35	1	065	0290	115	02	01	ì	27.00	27.00
DRW DRW	LA LA	LA	WILLIAMS JR,DELOS R WILLIAMS JR,DELOS R	08/28/02	36	ź	065	0290	115	02	ŏi	ż	54.00	27.00
DRW	LA	LA	WILLIAMS JR, DELOS R	09/04/02	37	4	065	0290	115	ÖΖ	Ŏi	ž	108.00	27.00
DRW	LA	LA	WILLIAMS JR, DELOS R	10/16/02	43	ž	065	0530	115	οž	01	3	81 -00	27.00
DSF	ÄŽ	ÄŽ	FIELDS, DEBRA S	09/25/02	40	4	135		115	ÖŽ	ÖŻ	4	123.00	30.75
DSF	ΑZ	ΑŽ	FIELDS, DEBRA S	10/02/02	41	Ž	135	0935	115	02	ÓΖ	2	61.50	30.75
DSF	ΑŽ	ΑŽ	FIELDS, DEBRA S	10/09/02	42	4	135	0935	115	20	03	2 2 2	61.50	30 <b>.</b> 75
							135		115	02	03	5	61 .50	30.75
DSF	ΑZ	ΑZ	FIELDS, DEBRA S	10/16/02	43	4	135	0935	115	20	03	2	61.50	30.75
· -							135	0935		20	02	Š	61.50	30.75
DSF	AZ	ΑZ	FIELDS, DEBRA S	10/23/02	44	3	135			OS	03	2	61.50	30.75
			-				135			ΟS	20	_1	30.75	30.75
DWK	MD	V۸	KNIGHT, DAVID WILSON	10/30/02	45	20	047	0225		00	04	20	600.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/06/02	46	20	047	0552			04	ZQ	600.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/13/02	47	8	047			00	04	8	240.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/20/02	48	9	047	0225		00	04	9	270.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/27/02	49	16	047		–		04	16	480.00	30.00
DWK	МD	VA	KNIGHT, DAVID WILSON	12/04/02	50	20	047				04	20	600.00	30.00
DWY	ΙĹ	IN	YOUNT, DARRIN W.	11/13/02	47	4	060	0880	116	05	07	4	134.00	33.50

REPORT UIRWO(28) WORK ORDER ALLOCATION ENTRY REPORT AS OF CREATED ON 14:44:47 01-09-03

REPORT UIRWO(28) UI SYSTEM PAGE 23 WORK ORDER ALLOCATION ENTRY REPORT AS OF 01-09-03

		OFF ICE	ST		EE NAME	WORK DT	KEEK	TOTAL HOURS	CORP	\$VB	PRJ	YR	MO	HOURS	TOTAL AMT	RATE AMT
l								****								******
ļ	SLH	FL	FL	HAWS, SCOTTY LEE		03/13/02	12	3	101 067	0680 0647	116 116	00 01	06 01	2	56.00 00.85	28.00 28.00
	SLH	FL	FL	HAWS, SCOTTY LEE		03/20/02	13	4		0647	116	01 00	01 06	1 2	28.00 56.00	28.00 28.00
l	SLH	FL	e i	HAWS, SCOTTY LEE		03/27/02	14	1	090 101	\$080 0880	116 116	01	01 06	1	: 28.00	28.00
١	SLH	FL	FL			04/03/02	15	ż	101	0680	116	00	06	1	28.00 28.00	28.00 28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		04/10/02	16	4	090 101	0618 0680	115 116	00 05	01 06	1	28.00 28.00	28.00 28.00
l									067 090	0647 0618	116 115	01 02	01 01	2	56.00 28.00	28.00 28.00
l	SLH	FL		HAWS, SCOTTY LEE		04/17/02	17	4	101	0680	116	00	06	4	112.00	28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		04/24/02	18	2	067 090	0647 0614	116 116	01 02	01 01	1	28.00 28.00	28.00 28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		05/01/02	19	1	101	0680	116	õõ	06	i	28.00	28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		05/08/02	50	8	101	0680	116	00	06	8	224.00	28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		05/15/02	21	0	101	0680	116	00	06	Ō	0.00	28.00
l	SLH	FL	FL	HAWS, SCOTTY LEE		05/22/02	22	0	101	0680 0880	116	00	06 06	0	0.00	28.00
l	SLH SLH	FL FL	FL	HAWS, SCOTTY LEE		02/23/02	23 24	3	101 101	0680	116 116	00	06	i	28.00 28.00	25.00 28.00
l	SEII	1.	, ,	MANAGEOFFF CCC		00,03,00		,	090	0618	115	ÖΖ	01	1	28.00	28.00
l						04/24/02	27	7	090	0614 0618	116	05	01	1	28.00	28.00
l	SLH	FL	۲L	HAWS, SCOTTY LEE		06/26/02	21	•	090 090	0614	115 116	20	01 01	5	56.00 56.00	28.00 28.00
									090	0614	116	05	Ŏi	ž	56.00	28.00
l									067	0647	116	οž	04	ì	28.00	28.000
l	SLH	FL	FL	HAWS, SCOTTY LEE		07/03/02	28	2	101	0680	116	00	06	1	28.00	28.00
ı	ei u	EI	<b>C</b> 1	HAWS, SCOTTY LEE		07/10/02	29	1	067 067	0647 0647	116 116	02	05 04	1	28.00 28.00	28.000
l	SLH	FL FL	FL FL	HAWS, SCOTTY LEE		07/31/02	32	3	101	0680	116	õõ	06	i	28.00	28.00
	JEII	1 %		IMMO JOCOTTT CCC		0502	-		067	0647	116	οž	ÖŠ	ż	56.00	28.00(i)
	SLH	FL	FL	HAWS, SCOTTY LEE		08/07/02	33	1	101	0680	116	00	06	1	28.00	28.00
	SLH	FL	FL	HAWS, SCOTTY LEE		08/14/02	34	3	101	0680	116	00	06	1	28.00	28.00
ı								•	067	0647	116	02	05	Ž	56.00	28.00(1)
	SLH	FL	FL	HAWS, SCOTTY LEE		10/09/02	42 43	3 3	090 090	0610 0610	115 115	02 02	02 01	3 2	84.00 56.00	28.00° 28.00
	SLH	FL	FL	HAWS, SCOTTY LEE		10/16/02	43	3	090	0610	115	02	02	í	28.00	28.00
	SLH	FL	FL	HAWS, SCOTTY LEE		10/23/02	44	2	090	0610	115	02	01	. 2	56.00	28.00
ļ	SOR	LA	LA	REVERE, SCOTT OT	TTIS	12/11/02	51	17	036	0752	116	02	20	17	573.75	33.75
	SOR	LA	LA	REVERE, SCOTT OF	TTIS	12/18/02	52	23	036	0752	116	20	20	23	776.25	33.75 32.50
	TDC	CN	ÑΛ	CAPRON, TERRY D		12/11/02	51 22	15 4	140 001	0140 0005	115 117	02 01	03 02	15	487.50 129.00	32.25
	TJB	IL IL	IL IL	BRANT,TIM J BRANT,TIM J		05/22/02	24	5	014	0046	115	οż	02	3	161.25	32.25
	TJB TJB	ĬĹ	ĬĹ	BRANT,TIM J		06/12/02	23	í	014		115	ŏž	Ŏī	ĺ	32.25	32.25
	TJB	iĽ	ĬĹ	BRANT, TIM J	TTIS TTIS	06/19/02	26	4	005	0010	115	02	01		64.50 64.50	32.25 32.25
	TJB	IL	IL	BRANT,TIM J		06/26/02	27	2	014 014	0046 0046		02 20	01 02	5 5 5	64.50	32.25
	TJB	ĨĹ		BRANT,TIM J		08/28/02	36	6	005	0010	115	20	01	6	193.50	32.25
	TJB	ΙL		BRANT, TIM J		09/04/02	37	3	005		115	02	01	3	96.75	32.25
	TJB	IL		BRANT,TIM J		09/11/02	38	1	005	0010	115	-02	01	1	32.25	32.25

REPORT UIRWO (28) WORK ORDER ALLOCATION ENTRY REPORT AS OF CREATED ON 14:44:47 01-09-03

$$\Sigma 0 = 56$$
  
 $\Sigma 0 = 448$ 

### **APPROVED**

Utilities, Inc. - Integrated Solutions System

Florida FL C067 0647 419

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		<b>***</b>

Capital	Proje	ect R	equest

rity Level:	Project Created:	08/07/02	Re	lated to ID #:		
•	FDEP permit application to					
•		ee x wax wee fact as you				
	Alafaya Utilities, Inc.	Expense	s to Start:	05/15/2002		
System:	Alafaya Utilities, Inc.	Expense	s to End:	11/01/2003		
Service(s):	□ Water ☑ Sewer □ Water &	Sewer □ Reuse □ Oth	er			
	<i>,</i>	Expand Capacity Provide New Service Improve Safety		Maintenance xplain below)		
> Fatimata	l Casta Riv Campanant	WO#: 067-0647-116-	02-05			
e Estillatet	l Costs by Component	PO#:	G	#		
Component(s)	Component Description	Original Estimate	Asset De	signation		
20002	CAPITALIZED TIME	\$4,462.50		Asset(s)		
20003	INTEREST DURING CONST ENGINEERING	\$753.00 \$43,500.00		rading Asset(s)		
20105	ENGINEERING	\$43,500.00		airing Asset(s) lacing Asset(s)		
			1	• • • • • • • • • • • • • • • • • • • •		
			•	ing existing		
				nt, when (year) was nal asset placed in		
			service?	•		
			1			
Capital Plan Estimate:	\$48,715.50 Estimate Total	ls: \$48,715.50				
		al # of# of Affecte		_ Cost per		
Capitalized Tin	ne Estimate:   Hours Custo	mers: Customers	s:  *************	Customer:  ?		
Signatur	Authority & Approvals					
Submitted b	y:	Title:		_ Date:		
\$5,000 - \$10,0	00	Regional Director		Date:		
10,001 - \$25,0	00	Director of Operations		Date:		
Over \$25,00	00	Chief Executive Office	Chief Executive Officer			
Attachme	ent(s) - Ref. # 419	<b>□</b> Inte	roffice Mail	☐ QuickMail / Email ☐ Hand Delivery		
Project Descri			ar i sarak yapin tele	and the second of the second of the second		
I I U U U U U U U U U U U U U U U U U U	priori Ediniaro(d) i roquirou					

### **APPROVED**

#### 305 22 8

## Capital Project Request

Florida FL C067 0647 419
Region State Co# Sub# ID#

Priority Level: Project Created: 08/07/02

Related to ID #:

Project Name: FDEP permit application to renew permit

Company: Alafaya Utilities, Inc.

Expenses to Start: 05/15/2002

System: Alafaya Utilities, Inc. Expenses to End: 11/01/2003

FDEP permit application, preparation of required reports, and related supporting documentation to renew FDEP permit for 5 more years.

Justification & Benefits

**Alternatives** 

Timing of Project

#### System Information

#### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

System	Description	Work Order #	Start Date	Finish	Component	Est	timated Costs		Fotal Spent		imated Costs o Complete
Alafaya Utilities, Inc.	FDEP permit application to renew permit	067-0647-116-02-05	5/15/02	11/1/03	Capitalized Time Interest During Construction Construction	\$ \$ \$	4,462.50 753.00 43,500.00	\$ \$ \$	448.00 528.00 24,443.17	\$ \$ \$	4,014.50 225.00 19,056.83
					Total	\$	48,715.50	\$	25,419.17	\$	23,296.33

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Invoices:	Amount	Component
CPH Engineers, Inc.	\$ 665.00	Construction
CPH Engineers, Inc.	\$ 855.00	Construction
PB Water	\$ 5,100.27	Construction
CPH Engineers, Inc.	\$ 1,773.06	Construction
CPH Engineers, Inc.	\$ 5,714.45	Construction
PB Water	\$ 1,623.54	Construction
CPH Engineers, Inc.	\$ 907.30	Construction
CPH Engineers, Inc.	\$ 1,154.60	Construction
CPH Engineers, Inc.	\$ 2,771.52	Construction
CPH Engineers, Inc.	\$ 475.00	Construction
PB Water	\$ 2,703.27	Construction
CPH Engineers, Inc.	\$ 279.25	Construction
CPH Engineers, Inc.	\$ 420.91	Construction







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:

David Orr

Invoice No:

18189

October 22, 2002

Billing through October 14, 2002

Project No:

Re:

740723/18189

Alafaya WWTF Permit Renewal and Fee.

\*\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 18189

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

**CURRENT INVOICE TOTAL** 

\$665.00

\$665.00

0.00

CPH ENGINEERS, INC.

WO#067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

**Total Billing to Date** 

Less Amounts Received

\$10,228.75 59.57

\$10,288.32

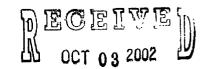
-9,623 32

\$665.00

TOTAL DUE

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
18189	10/22/2002	\$665 00					\$665 00
	Subtotal:	\$665 00					\$665.00







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:

Gerald Chancellor

September 17, 2002

Invoice No:

Hing through September 9, 2002

Project No:

¥U0723/17859

Re:

Alafaya WWTF Permit Renewal and Fee.

13098

**CURRENT INVOICE** 

PROJECT BILLING SUMMARY \*\*\*\*\* (Invoice Number 17859

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

**CURRENT INVOICE TOTAL** 

0.00

\$855.00

\$855.00

CPH ENGINEERS, INC.

WOHO67-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

**Total Billing to Date** 

Less Amounts Received

\$9,563.75 59.57

\$9,623.32

-6,995.26

TOTAL DUE

\$2,628.06

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
17599	08/20/2002	\$1,773.06					\$1,773.06
17859	09/17/2002	\$855.00				<del></del>	\$855.00
	Subtotal:	\$2,628.06					\$2,628.06

P	AR-185102  CO. NO. DATE 2 9/25/02  B PROJECT NO. 25512A  CLIENT ORDER NO (IF APPLIA  ERIOD COVERED FROM 6/29/02  TOTAL INVOICE AMOUNT		9/20/02 \$5,100.27
P	2 9/25/02 B PROJECT NO. 25512A CLIENT ORDER NO (IF APPL) FROM 6/29/02  TOTAL INVOICE	то	
	B PROJECT NO:  25512A  CLIENT ORDER NO (IF APPLIA  ERIOD COVERED  FROM 6/29/02  TOTAL  INVOICE	то	
	25512A CLIENT ORDER NO (IF APPLIA ERIOD COVERED FROM 6/29/02  TOTAL INVOICE	то	
	ELIENT ORDER NO (IF APPLIED COVERED FROM 6/29/02  TOTAL INVOICE	то	
	FROM 6/29/02  TOTAL INVOICE	то	
P	FROM 6/29/02  TOTAL INVOICE	<del>-</del>	
	TOTAL INVOICE	<del>-</del>	
	INVOICE	·	\$5,100.27
	INVOICE	<u> </u>	\$5,100.27
		<u> </u>	\$5,100.27
	AMOUNT	1	
I Le:	ss Previously Billed:		\$14,814.00 \$8,090.19 \$6,723.81 \$1,623.54 \$5,100.27
		- 20	105
	T - 116	Total Billed To Date: Less Previously Billed: Total This Invoice:	Total Billed To Date: Less Previously Billed: Total This Invoice:  2  7-116-02-05-20







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808

Phone: 407.322.6841 Fax: 407.330.0639

Attention: Invoice No: **Gerald Chancellor** 

17599

Project No:

#00723/17599

Re:

Alafaya WWTF Permit Renewal and Fee.

August 20, 2002

Billing through August 12, 2002

PROJECT BILLING SUMMARY \*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 17599

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

\$1,747.50

25.56

**CURRENT INVOICE TOTAL** 

\$1,773.06

CPH ENGINEERS, INC.

WO# 067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

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Consultant and Out-of-Pocket Expenses

\$8,708.75 59.57

Total Billing to Date

Less Amounts Received

\$8,768.32

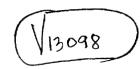
-6,995.26

TOTAL DUE

\$1,773.06

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
17599	08/20/2002	\$1,773.06					\$1,773.06
	Subtotal:	\$1,773.06					\$1,773.06







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:

Re:

Gerald Chancellor

#U0723/1736 8

July 23, 2002

3 I Billio through July 14, 2002

Project No:

Alarava WWTF Permit Renewal and Fee

\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 17368

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

**CURRENT INVOICE TOTAL** 

\$5,701.25

13.20

\$5,714.45

DL

CPH ENGINEERS, INC.

Wo # 067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

Total Billing to Date Less Amounts Received \$6,961.25 34.01

\$6,995.26

-373.51

\$6,621.75

TOTAL DUE

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
17065	06/21/2002		\$907 30				\$907.30
17368	07/23/2002	\$5,714 45					\$5,714.45
							£0.004.75
	Subtotal	\$5,714 45	\$907 30				\$6,621 75

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al

Wof 067-0647-116-02-05-20105







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808

Phone: (407) 322-6841 Fax: (407) 330-0639

Attention:

Re:

Gerald Chancellor

Invoice No: Project No: 17065

U0723/17065

Alafaya WWTF Permit Renewal and Fee.

Billing through June 9, 2002

3098

**CURRENT INVOICE** 

\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

(Invoice Number 17065

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

**CURRENT INVOICE TOTAL** 

\$900.00 7.30

\$907.30

CPH ENGINEERS, INC.

WO + 067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

\$1,260.00 20.81

Total Billing to Date

\$1,280.81

Less Amounts Received

0.00

TOTAL DUE

\$1,280.81

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
16738	05/21/2002		\$373.51				\$373.51
17065	06/21/2002	\$907.30					\$907.30
	Subtotal:	\$907.30	\$373.51				\$1,280.81

Wethersfield Ave. Attamonte Springs, FL 32714





CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841

Fax: 407.330.0639

JUL 29 2003

Attention: Invoice No:

Re:

21077

July 22, 2003

Billing through July 6, 2003

Project No( #U0706.04

Alataya Utilities Miscellaneous Consulting Services.

#### \*\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 21077

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

\$1,140.00 14.60

2

**CURRENT INVOICE TOTAL** 

\$1,154.60

alafaya operating woo

CPH ENGINEERS, INC.

PROJECT-TO-DATE

Wo# 067-0647-116-02-05-20105

Professional Fees

Consultant and Out-of-Pocket Expenses

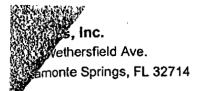
\$8,407.50 103.36

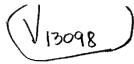
Total Billing to Date Less Amounts Received \$8,510.86 -4,584.74

TOTAL DUE

\$3,926.12

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
							40.774.70
20733	06/19/2003		\$2,771.52				\$2,771.52
21077	07/22/2003	\$1,154.60					\$1,154.60
	Subtotal:	\$1,154.60	\$2,771.52				\$3,926.12







CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:

JUL 0 7 2003

RECEIVEL

June 19, 2003

Invoice No:

#U0706.04/20133

Billing through June 8, 2003

Project Not

Alafaya Utilities Miscellaneous Consulting Services.

PROJECT BILLING SUMMARY \*\*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 20733

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

\$2,755.00

16.52

FDEP formit
application to

w)(o

**CURRENT INVOICE TOTAL** 

\$2,771.52

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CPH ENGINEERS, INC.

Woff 067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

\$7,267.50 88.76

Total Billing to Date

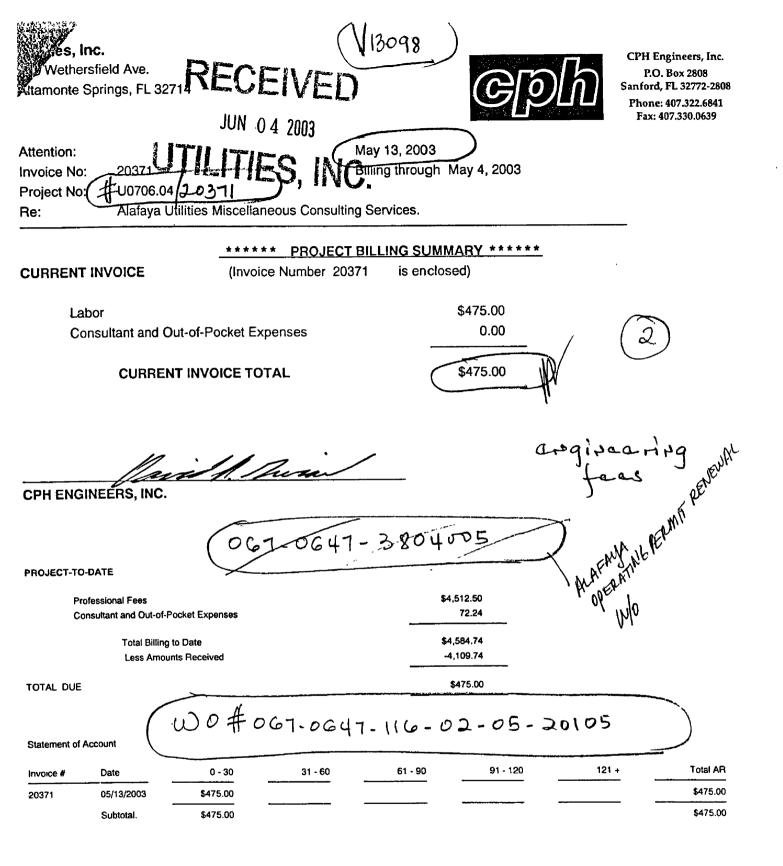
Less Amounts Received

\$7,356.26 -4,109.74

TOTAL DUE

\$3,246.52

Total AR	121 +	91 - 120	61 - 90	31 - 60	0 - 30	Date	Invoice #
\$475 00				\$475.00		05/13/2003	20371
\$2,771 52					\$2,771.52	06/19/2003	20733
\$3,246 52				\$475.00	\$2,771.52	Subtotal:	



vision of Parsons Brinckerhoff Quade & UING COMPANY AND REMITTANCE ADDRESS	Douglas, Inc.	AR- 195268	<u></u>	
Parsons Brinckerhoff Church Street Station P.O. Box 6241 New York, NY 10249-6241	RECEIVED JAN 3 0 2002	CO. NO.  2 1/27/03  PB PROJECT NO.  25512A  CLIENT ORDER NO. (IF APPLIC	(ABLE)	
Lient name and address Mr. David L. Orr, P.E. Alafaya Utilities, Inc.		PERIOD COVERED FROM 9/21/02	то	1/24/03
200 Weathersfield Avenue Altamonte Springs, Florida 32714  Alafaya Reclaimed Water System		TOTAL INVOICE AMOUNT	s	\$2,703.27
	TOTAL CO	ONTRACT AMOUNT	,	\$14,814.00
	TOTAL CO	ONTRACT AMOUNT  Contract Balance:		\$14,814.00 \$5,386.92

WO# OCT, 116.02.05. 20105

ersfield Ave. Inte Springs, FL 32714





CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:

David Orr

Invoice No: \_190

19076

Project No: ( Re: FU0723 /19076

Alafaya WWTF Permit Renewal and Fee.

\*\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

January 13, 2003

**CURRENT INVOICE** 

(Invoice Number 19076

is enclosed)

Billing through January 5, 2003

Labor

Consultant and Out-of-Pocket Expenses

\$276.25 3.00

**CURRENT INVOICE TOTAL** 

\$279.25

2

CPH ENGINEERS, INC.

PROJECT-TO-DATE

WO \$ 067-0647-116-02-05-20105

Professional Fees

Consultant and Out-of-Pocket Expenses

\$10,925.00 63.48

Total Billing to Date

Less Amounts Received

\$10,988.48 -10,288.32

TOTAL DUE

\$700.16

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
18803	12/17/2002	\$420.91					\$420.91
19076	01/13/2003	\$279.25					\$279.25
	Subtotal:	\$700.16					\$700.16

nc. Jersfield Ave. Inte Springs, FL 32714





CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

Attention:	
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David Orr

December 17, 2002

Invoice No:

18803

Billing through December 8, 2002

Project No:

10723 18803

Re: Ala

Alafaya WWTF Permit Renewal and Fee.

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\*\*\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 18803

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

\$420.00

0.91

\$420.91

CURRENT INVOICE TOTAL

CPH ENGINEERS, INC.

WO# 067-0647-116-02-05-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

\$10,648.75 60.48

Total Billing to Date

Less Amounts Received

\$10,709.23 -10,288.32

\$420.91

Statement of Account

TOTAL DUE

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
18803	12/17/2002	\$420.91					\$420.91
	Subtotal:	\$420.91					\$420.91

IDC 1^/31/02

		MIENESI	INTERES!		306		UATE	12/3 //01							
		CALCULATED	CALCULATED	α	DIV	ACCOUNT	PUT INTO	END	ADDITIONS						
SUBDIVISION	DESCRIPTION	FOR 2002	FOR DEC 102	NO	NO	NO.	SERVICE	BALANCE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
ALAFAYA	FDEP permit application, preparation of required	528 00	528 00	087	0647	116-02-05		0 00	0.00	0.00	0.00	0.00	0.00	0.00	2.530.84
	reports, and related supporting documentation to								0.00	0.00	0.00	0.00	0.00	0.00	19.00
	renew FDEP permit for 5 more years								0.00	0.00	0.00	0.00	0.00	0.00	2,549.84

10/2/03 9.10 AM

ADDITIONS AUGUST 5,714.45	ADDITIONS SEPT 1,773 06	ADDITIONS QCT 5,955 27	ADDITIONS <u>NOV</u> 665,00	ADDITIONS DEC 0 00	TOTALS 18.638 62	Parcealty Bolance On Regue	DIFFERENCE 0.00	.0.27AL	Y FEBRUAR		APRIL 0.00	MAY. 0.00	<u> ALNE</u> 0.00	<u>JLLY</u> 19,00	AUGUST 61.00	<u>SEPT</u> 75.00	OCI 120.00	<u>NOV</u> 126 00	DEC 127.00
61 00 8,325 29	75 00 10,173 35	120 00 16,248 62	126.00 17,039.62	127,00 17,186.82	10,000 02	. ayp.ac. av	0.00	J.	0.00	0.00	0.00	0.00	0.00	15,00	61.00	75.00	720,00	120 00	127.00

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REPORT UIRWO(28) UI SYSTEM PAGE 5
WORK ORDER ALLOCATION ENTRY REPORT AS OF 01-09-03

INI-	OFF	ST	EMPLOYEE NAME	WORK DT	REEK	TOTAL	CORP	BUZ	PRJ	YR	NO	HOURS	TOTAL AMT	RATE AMT
DGM	SM	NC	MEDLING, DAVID G	11/06/02	46	1	087	0905	115	01	02	1	30.25	-30.25
DGM	SM	NC	MEDLING, DAVID G	11/13/02	47	1	087	0905	115	01	õž	1	30.25	30.25
DGM	SM	NÇ	MEDLING, DAVID G	11/20/02	48	2	087		115	01	02	2	60.50	30.25
DGM	SM	NC	MEDLING, DAVID G	11/27/02	49	3	087		115	01	05	3	90.75	30.25
DGM	SM	NC	MEDLING, DAVID G	12/04/02	50	3		0905	115	01	05	3	90.75	30.25
DGM	SM	NC	MEDLING, DAVID G	12/11/02	51	2			115		ΟS	2	60.50	30.25
DGM	SM FL	NÇ FL	MEDLING, DAVID	12/18/02 03/13/02	52 12	1			115		02	1	30.25	30.25
DLH	FL	FL	CHRISTENSEN,DAVID HASTY II,DONALD L.	01/30/02	6	2		0680 0880		00	06	Ž	56.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	02/06/02	ž	<b>8</b>	101		115 115		03	ζ	56.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	02/13/02	8	Š	101			01	03 03	8 5	224.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	04/17/02	17	6	101		115		04	6	140.00 168.00	28.00 28.00
DEH	FL	FL	HASTY II DONALD L.	04/24/02	18	3	101		115		04	3	84.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	06/05/02	24	8	101		116	οS	őŽ	8	224.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	06/12/02	ŽŠ	20		0680	116		οž	zŏ	560.00	28.00
DLH	FL	FL	HASTY II, DONALD L.	06/19/02	26	- 4	101	0680		οž	ŏž	- 4	112.00	28.00
DLO	FL	FL	ORR, DAVID L.	10/16/02	43	14	069	0649	115	ÖŽ	01	8	224.00	28.00
1			•				067	0647	116	02	05	6	168.00	28.00
DLO	FL	FL	ORR,DAVID L.	12/11/02	51	5	067			02	05	2	56.00	28.00
						_	089	0667	115		03	3	84.00	28.00
DLO	FL	FL	ORR, DAVID L.	12/18/02	52	3		0647	116		05	3	84.00	28.00
DMC	SM	NC	CORN, DOUGLAS M	09/04/02	37	Ž		0905	115		02	2	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	09/11/02	38	2		0905	115	01	02	2	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	09/18/02	39	Ž	087		115	01	02	3	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	09/25/02	40	2		0905		01	20	2	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	10/09/02	42	1	087			01	20	1	30.25	30.25
DMC	SM	NC	CORN, DOUGLAS M	10/16/02	43	2	087		115	01	ΟZ	2	60.50	30.25
DMC	SM	NC	CORN, DOUGLAS M	10/23/02	44	1	087		115	01	02	1	30.25	30.25
DRL	NV	NV	LEWIS, DARRIN R.	06/19/02	26	é		0110	115	02	02	6 5	195.00	32.50
DRL	NV	NV	LEWIS, DARRIN R.	06/26/02 07/03/02	27 28	5 2	035	0110 0110	115 115	02	01 01	2	162.50 65.00	32.50 32.50
DRL	NV LA	NV LA	LEWIS,DARRIN R. WILLIAMS JR,DELOS R	08/21/02	35	1		0290	115	02	01	1	27.00	27.00
DRW	LA	LA	WILLIAMS JR, DELOS R	08/28/02	36	ż		0290	115	02	Õi	ż	54.00	27.00
DRW	LA	LA	WILLIAMS JR, DELOS R	09/04/02	37	4		0290	115	οS	ŏi	4	108.00	27.00
DRW	LA	LA	WILLIAMS JR, DELOS R	10/16/02	43	Š		0290		ÖŽ	Ŏi	3	81.00	27.00
DSF	AZ	AZ	FIELDS, DEBRA S	09/25/02	40	4	135	0935	115	ŎŽ	ÖŻ	4	123.00	30.75
DSF	AZ	AZ	FIELDS, DEBRA S	10/02/02	41	Ž	135	0935	115	ÕŽ	ŠÕ	Ž	61.50	30.75
DSF	AZ	ΑZ	FIELDS, DEBRA S	10/09/02	42	4	135	0935	115	02	03	2	61.50	30.75
			•				135	0935	115	02	03	5 5	61.50	30.75
DSF	ΑZ	ΑZ	FIELDS, DEBRA S	10/16/02	43	4	135	0935	115	02	03	2	61.50	30.75
						_	135	0935	115	02	02	2	61.50	30.75
DSF	AZ	ΑZ	FIELDS, DEBRA S	10/23/02	44	3	135	0935	115	02	03		61.50	30.75
<b>.</b>				40.150.00			135	0935	115	02	50	_1	30.75	30.75
DWK	MD	VA	KNIGHT, DAVID WILSON	10/30/02 11/06/02	45	20	047		116	00	04	20	600.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	17/06/02	46	20	047	0225	116	00	04	50	600.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/13/02 11/20/02 11/27/02	47	8	047	0225			04	8 9	240.00	30.00
DWK	MD	VA	KNIGHT, DAVID WILSON	11/20/02	48 49	9 16	047 047				04 04	16	270.00 480.00	30.00 30.00
DWK	MD MD	VA VA	KNIGHT DAVID WILSON	12/04/02	50	20	047	0225	116 116		04	20	600.00	30.00
DWY	MD IL		KNIGHT,DAVID WILSON YOUNT,DARRIN W.	11/13/02	47	4					07	4	134.00	33.50
V 77 '	4.	414	TOUR PARKET N.	11/13/02	7,	-	000	25.00	,,,	J.	J.	-	134.00	22.20

REPORT UIRWO(28) WORK ORDER ALLOCATION ENTRY REPORT AS OF CREATED ON 14:44:47 01-09-03

REPORT UIRWO(28) UI SYSTEM PAGE 23
WORK ORDER ALLOCATION ENTRY REPORT AS OF 01-09-03

INI- TIAL	OFF ICE	\$T	EMPLOYEE NAME	WORK DT	REEK	TOTAL HOURS	CORP	SUB	PRJ	YR	MÔ	HOURS	TOTAL AMT	RATE AMT
SLH	FL	fL	HAWS, SCOTTY LEE	03/13/02	12	3	101 067	0680 0647	116 116	00 01	06 01	2	\$6.00 0.85	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	03/20/05	13	4	067		116		01 04	1 2	28.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	03/27/02	14	1	090	5090	116 116	01	01 06	1	28.00	28.00
SLH	FL	FL		04/03/05	15	į	101	0680	116	00	06	1	28.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	04/10/02	16	4	101		115 116 116	00	06	1 2	28.00 28.00 56.00	28.00 28.00 28.00
SLH	FL	FL	HAWS,SCOTTY LEE	04/17/02	17	4	090		115 116	02	01	1	28.00 112.00	28.00 28.00
SLH	FL	FL		04/24/02	18	ž	067 090	0647		01 02		i	28.00	28.00
SLH	FL		HAWS, SCOTTY LEE	05/01/02	19	1	101	0680	116	00	06	1	28.00	28.00 28.00
SLH	FL FL	FL FL	HAWS, SCOTTY LEE HAWS, SCOTTY LEE	05/08/02 05/15/02	20 21	8 0		0680 0680	116 116	00	06 06	8 0	224.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	05/22/02	žż	ŏ		0680		õ	06	ŏ	0.00	28.00
SLH	FL	FL	HAWS, SCOTTY LEE	05/29/02	23	1		0660	116	00	06	1	28.00	28.00
SLH	FL	FL	HAWS, SCOTTY LEE	06/05/02	24	3	101 090 090	0680 0618 0614	115		06 01 01	1 1 1	28.00 28.00 28.00	28.00 28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	06/26/02	27	7	090 090	0618 0614	115 116	02	01 01	Š	56.00 56.00	28.00 28.00
								0614 0647		20		1	56.00 28.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	07/03/02	28	2		0680 0647	116		06 05	1	28.00 28.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	07/10/02	59	1		0647	116		04 06	1	28.00	28.00
ŞLH	FL	FL	HAWS, SCOTTY LEE	07/31/02	32	3		0680 0647	116	ŎΖ	05	1 2	28.00 56.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	08/07/02	33 34	1				00		1	28.00	28.00
SLH	FL	FL	HAWS, SCOTTY LEE	08/14/02	_	3		0647	116 116	02	06 05	1 2	28.00 56.00	28.00 28.00
SLH	FL		HAWS, SCOTTY LEE	10/09/02	42	3		0610	115			3	84.00	28.00
SLH	FL	FL	HAWS, SCOTTY LEE	10/16/02	43	3	090 090	0610 0610	115 115	02	01 02	2 1	56.00 28.00	28.00 28.00
SLH	FL	FL	HAWS, SCOTTY LEE	10/23/02	44	. 2	090	0610	115	02		2	56.00	28.00
SOR	LA	LA	REVERE, SCOTT OTTIS	12/11/02	51	17	036	0752	116	02		17	573.75	33.75
SOR	LA	LA	REVERE, SCOTT OTTIS	12/18/02	52	23		0752	116	02		23	776.25 487.50	33.75 32.50
TOC	ÇN	Ņ۷	CAPKON, TERRY D	12/11/02	51 22	15	001	0140 0005	115 117	02 01	03 02	15	129.00	32.25
TJB	IL IL	IL IL	DOANT TIM I	03/22/02	24	5		0046	115	ÖŽ		3	161.25	32.25
TJB	ĬĹ	ΪĹ	BRANT TIM J	06/12/02	23	í	014	0046	115	ÖŽ	01	1	32.25	32.25
TJB	ΪĹ	ΪĹ	HAWS, SCOTTY LEE REVERE, SCOTT OTTIS REVERE, SCOTT OTTIS CAPRON, TERRY D BRANT, TIM J	06/19/02	26	i		0010	115 115	02 02	01 01	Ž	64.50 64.50	32.25 32.25
TJB	IL	ÌĹ	BRANT, TIM J	06/26/02	27	2	014	0046	115	02	Ö2	2	64.50	32.25
TJB	IL.	IL.	BRANT, TIM J BRANT, TIM J	08/28/02	36	6	005 005	0010 0010	115 115	02 02	01 01	6	193.50 .96.75	32.25 32.25
TJB TJB	IL IL		BRANT, TIM J BRANT, TIM J	09/04/02 09/11/02	37 38	3 1		0010				1		32.25

REPORT UIRWO (28) WORK ORDER ALLOCATION ENTRY REPORT AS OF CREATED ON 14:44:47 01-09-03

20	<b>2</b>	<b>6</b>
	3	2
		*

Capital Project Request	Florida FL C067 06 Region State Co# Sut	47 891 o# ID#
Priority Level: Project Created: 11		o ID #:
Project Name: Upgrade of Stand By Gene	rator Fuel Supply Lines	
Company: Alafaya Utilities, Inc.	Expenses to Start: 12/	09/2002
System: Alafaya Utilities, Inc.	Expenses to End: 12/	13/2002
Service(s): ☐ Water ☑ Sewer ☐ Water & S	Sewer Reuse Other	
	xpand Capacity ☐ Ongoing Mai Provide New Service ☐ Other (explair mprove Safety	
Estimated Costs by Component	WC#: 067-0647-116-02-06	
Section 2015 by Components	PO#: GL#	
Component(s) Component Description	Original Estimate Asset Designa	tion
Capital Plan Estimate:  Capitalized Time IDC Labor, Materials & Installation Electrical for day tank  Capital Plan Estimate:  \$10,991.00 Estimate Totals:  Total Capitalized Time Estimate:  Capitalized Time	the original as service?  \$11,583.00  # of# of Affected O	g Asset(s) g Asset(s) g Asset(s) xisting hen (year) was
Signature Authority & Approvals		
Submitted by: Scotty Haws	Title: Assistant Operations Manager Da	ate: 11/24/02
\$5,000 - \$10,000 <i>Don Rasmussen</i>	_ Regional Director Da	ate: 12/02/02
\$5,000 - \$10,000 Don Rasmussen \$10,001 - \$25,000 Susan J. Forting	_ Director of Operations Da	ate: 12/12/02
Over \$25,000	_ Chief Executive Officer Da	ate:
Attachment(s) - Ref. # 891	☐ Fax ☐ C ☐ Interoffice Mall ☐ H	tuickMail / Email
Project Description  List of System Projects		



Florida FL C067 0647 891

Region State Co# Sub# ID#

Priority Level:

Project Created: 11/24/02

Related to ID #:

Project Name: Upgrade of Stand By Generator Fuel Supply Lines

Company: Alafaya Utilities, Inc.

Expenses to Start:

12/09/2002

System: Alafaya Utilities, Inc.

Expenses to End:

12/13/2002

### Project Description

See Notes Screen for addt'l info Estimate Total: \$11,583.00

Excavation and removal of approximately 90 feet of underground fuel lines, assessment of pipe removal, installation of approximately 90 feet of new supply and return lines underground from fuel tank to the generator with fiberglass containment pipe. Return day tank added for over fill protection.

### Justification & Benefits

Storage Tank Facility Compliance Inspection Report revealed that underground piping must have secondary containment to be in compliance with rule .510 (3) (d). These facilities were installed in the mid 1980's at which time a secondary containment was not required. Secondary containment and a return day tank will reduce the possibility of a diesel contamination at the facilities.

### **Alternatives**

1. POSTPONE PROJECT. This would not be a viable option due to being cited by the FDEP Bureau of Petroleum Storage Systems, regarding a rule which requires secondary containment.

### Timing of Project

Work has been scheduled with a contractor on 12/9/02, due to this being a non compliance issue.

### System Information

### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

- Data Cook Information

 on otal	\$ \$ \$	510.00 82.00 10,491.00 500.00	\$ \$ \$	10,491.00 10,491.00
		_\$_	\$ 82.00 n \$ 10,491.00 \$ 500.00	\$ 82.00 \$ n \$ 10,491.00 \$ \$ 500.00 \$

Invoices:
ACTS Construction, Inc. \$

**Amount** 

Component

10,491.00 Labor, materials, and installation

ease Remit To: ACTS Construction Inc. PO Box 680427 Orlando, FL 32868

INVOICE 15456

INVOICE NO: #03002C

INVOICE DATE: 1/13/03

. TERMS: Upon Receipt

RECEIVED JAN 1 5 2003

SOLD TO: Utilities Inc.

: 200 Weathersfield

: Altamonte Springs, FL 32714

DATE SHIPPED: 1-13-03

LOCATION: Same

YOUR ORDER NO: S-466B

OUR ORDER NO: 02055

DESCRIPTION: Excavate and remove approx. 90' of underground fuel lines. Furnish and install approx. 90' new fuel supply and return lines underground from fuel tank to generator as per contract.

Contract Price ..... \$ 9,691.00

Extra: Used Return Day Tank w/ Pump ..... \$ 800.00

Total Amount Due ..... \$ 10,491.00 \( \text{\chi} \)

TOTAL AMOUNT DUE UPON RECEIPT OF THIS INVOICE: \$ 10,491.00

PLEASE REMIT

Wo #067-0647-116-02-06.20706

If there are any questions concerning this invoice please contact our office @ 407-578-4833. We appreciate your business and ask that you remit within the terms as stated in our contract. If this transaction is not under contract, any sales and/or service orders are due upon receipt. There is an 1.5% interest charge per month on all past due balances. We do not send statements, so please pay from this invoice. We are a small business and rely on your prompt payment. Thank You.

### Utilities, Inc. - Integrated Solutions System

23	20	<b>35</b>
	23	*
		335

## Capital Project Request

Florida FL C067 0647 1066

Region State Co# Sub# ID#

•	•	•		F	Region	State	Co#	Sub#	ID#
Priority Level: 1		P	2/26/02 Related to ID#:					#:	
Project Name:	Alafaya	WWTP	Headworks	Engineering	Evalu	ıatioı	n		
Company:	Alafaya U	tilities, lı	nc.		Expense	es to S	start:	01/01/	2003
System:	Alafaya U	tilities, li	nc.		Expense			08/15/	2003
Service(s):	□Water	⊠ Sewer	□ Water & S	Sewer □Reuse	e 🗆 Ot	her			,
Benefits Category:	☐ Regulat ☑ Improve ☐ Cost Re	Service	: □P	xpand Capacity rovide New Se nprove Safety	y [ rvice ]	☐ Ong ☑ Oth	oing er (ex	Mainter plain be	nance elow)
		aja jerga var Misi sa anjahi		WO# 1067-0	647-116	-03-0	1	<u> </u>	1
Estimated	d Costs	by Co	mponent	PO#			GLI		
Component(s)	Component	Descript		Original Estir	nate	Ass	et Des	ignation	
20002	Capitalized 7				255.00			Asset(s	
20003	IDC Engineering	\$84.00 O Up				ading A			
		<del>,</del>						acing A	
	<del></del>			If replacing exists					
							-		(year) was
_		· · · · · · · · · · · · · · · · · · ·	<del> </del>				ongini vice?	ai asset	placed in
								i 	
Capital Plan Estimate:	\$7,500	0.00 Est	imate Totals:	\$7,	839.00				
Edimato. 1		10	Total	# of # (	of Affect	ed		_ Cost	per total
Capitalized Tin	ne Estimate:	l iot	Hours Custom	# of # ( ers:  5,938	Custome	rs:   3938483		Custom	<sub>er:</sub> \$1.32
	e Author	ity & /	Approvals						
Submitted b				_ Title: Regional					12/26/02
\$5,000 - \$10,00	00 Don 2	Rasmuss	en	_ Regional Dire	ctor			Date:	12/27/02
\$10,001 - \$25,00	00			Director of Op	eration	S		Date:	
Over \$25,00	00			_ Chief Executiv	e Office	er		Date:	···
Attachme	ent(s) - R		066		□ Int	eroffici	e Mail	Hand	Mail / Email Delive <b>ry</b>
Project Descri			and the second s	gert en sær i stil til	:.00.9%"	(10.00 (10.00)	cur per Pitribis	Marie M. C. C.	oren e see e paris
List of System	Projects								



## **Capital Project Request**

Florida FL C067 0647 1066

Region State Co# Sub# ID#

Priority Level: 1

Project Created: 12/26/02

Related to ID #:

Project Name: Alafaya WWTP Headworks Engineering Evaluation

Company: Alafaya Utilities, Inc.

Expenses to Start: 01

01/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

08/15/2003

### **Project Description**

See Notes Screen for addt'l info Estimate Total: \$7,839.00

Professional engineering evaluation of the Alafaya head works and recommendation report.

### Justification & Benefits

Current surge tank capacity and configuration appears to be inadequate for the wastewater flows current experienced at the facility. During peak flow periods, operations personnel are faced with inadequate storage volume. Also, the current configuration of the surge tanks creates overflow and bypass scenarios since the current configuration replicates a lift station configuration rather than allowing for the storage and return of plant flows in excess of the average daily design capacity of the treatment plants.

### **Alternatives**

An engineering evaluation is required to determine the alternatives to constructing additional tankage.

### Timing of Project

Current plant flows appear to be surpassing the effective capacity of the surge tanks. Timing is of the essence.

### System Information

### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### • Rate Case Information

Last Order Date: 10/94

System	Description	Work Order #	Start Date	Finish	Component	Esti	mated Costs	T	otal Spent
Alafaya Utilities, Inc.	Alafaya WWTP headworks engineering evaluation	067-0647-116-03-01	1/1/03	7/31/03	Capitalized Time Interest During Construction Engineering Total	\$ \$ _\$	255.00 84.00 7,500.00 7,839.00	\$ \$ \$	7,498.20 7,498.20

Invoices: CPH Engineers, Inc.

<u>Amount</u>

unt Component 7,498.20 Engineering

tries, Inc. Wethersfield Ave. Altamonte Springs, FL 32714 1112098



CPH Engineers, Inc. P.O. Box 2808 Sanford, FL 32772-2808 Phone: 407.322.6841 Fax: 407.330.0639

APR 0 3 2003

March 18, 2003

Billing through March 9, 2003

Attention:

David Orr

Invoice No:

19737 #U0734/19737

Project No: Re:

Alalaya Headworks Improvements

\*\*\*\*\* PROJECT BILLING SUMMARY \*\*\*\*\*

**CURRENT INVOICE** 

(Invoice Number 19737

is enclosed)

Labor

Consultant and Out-of-Pocket Expenses

\$6,757.50 740.70

**CURRENT INVOICE TOTAL** 

\$7,498.20

CPH ENGINEERS, INC.

WO#067-0647-116-03-01-20105

PROJECT-TO-DATE

Professional Fees

Consultant and Out-of-Pocket Expenses

\$6,757.50 740.70

**Total Billing to Date** 

\$7,498.20

Less Amounts Received

0.00

TOTAL DUE

\$7,498.20

Statement of Account

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121+	Total An
19737	03/18/2003	\$7,498.20					\$7,498.20
	Subtotal:	\$7,498.20					\$7,498.20

# Capital Project Request

Florida FL C067 0647 697

	<u> </u>	Region S	tate Co# S	SUD# ID #
Priority Level:	Project Created	11/07/02	Relate	d to ID #: 2002-420
Project Name:	20" Reuse Main from WW	VTF to west side of Lo	ckwood	
Company:	Alafaya Utilities, Inc.	Expenses	s to Start: 0	8/01/2002
System:	Alafaya Utilities, Inc.	·		0/01/2004
Service(s):	□ Water □ Sewer □ Water	& Sewer ⊠Reuse □Oth	er	'
Benefits Category:	☐ Regulatory Requirement [ ☑ Improve Service ☐ Cost Reduction	🛮 Provide New Service 🔲	Ongoing Ma Other (expla	aintenance ain below)
		₩O#: 067-0647-116-	03-02	
Estimated	d Costs by Component	PO#:		
			!	<del></del> *
Component(s)		Original Estimate	Asset Design	nation
20002	Capitalized Time	\$2,550.00	O New As	
20003	IDC Engineering	\$31,527.00 \$37,500.00		ing Asset(s)
20812	Permits	\$14,500.00		ng Asset(s) ing Asset(s)
20812	Surveying	\$20,000.00	OTTOPIUS	ing Asset(s)
20812	Plant	\$488,000.00	If replacing	
				when (year) was
				asset placed in
			service?	
Capital Plan Estimate:	\$560,000.00 Estimate Total	als: \$594,077.00		
Capitalized Tim	Tot ne Estimate: 100 Hours Cust	tal # of # of Affected omers: 5,873 Customers	م 🗀 د	Cost per \$101.15
~> <b>/</b>				
Signature	Authority & Approval	S		
<b>44</b>				
Submitted b	y: Bryan Gongre  Don Rasmussen	Title: Asst. Operations M	lanager	Date: 07/23/02
\$5,000 - \$10,00	00 Don Rasmussen	Regional Director	i	Date: 08/29/02
\$10,001 - \$25,00	00 Susan J. Fortino	Director of Operations	!	Date: 11/11/02
Over \$25,00	00 Jim Camaren	Chief Executive Officer	ł	Date: 10/22/02
<b>Attachme</b>	ent(s) - Ref. # 697	the angle of the first particle and the contract of the first first state of the contract of t		QuickMail / Email Hand Delivery
Project Descri	ption Estimate(s) Required	See Boyd Environmental Eng		
List of System	• • • • • • • • • • • • • • • • • • • •	dated June 28, 2002 - Timelir		ocs i Toposai
•	- Infome required			



## **Capital Project Request**

Florida FL C067 0647 697

Region State Co# Sub# ID#

Priority Level:

Proiect Created: 11/07/02

Related to ID #: 2002-420

Project Name: 20" Reuse Main from WWTF to west side of Lockwood

Company: Alafaya Utilities, Inc.

Expenses to Start: 08/01/2002

System: Alafaya Utilities, Inc.

Expenses to End: 10/01/2004

### Project Description

See Notes Screen for addt'l info Estimate Total: \$594,077.00

The project consists of the costs related to the engineering, permitting and construction of a 20" reuse water main beginning at the Alafaya WWTF and traversing a rear easement from the facility approximately 7,000 LF to the west side of Lockwood Boulevard. The new main would then be connected to an existing 20" reuse main at Lockwood Boulevard.

### Justification & Benefits

Water conservation issues surrounding the availability of reuse have gained significant importance throughout the region among state and local governmental authorities. This is primarily due to the population growth throughout the state and dwindling groundwater supplies. During the past (as well as the present), Alafaya Utilities has provided reuse quality effluent to the Twin Rivers golf course as a means of effluent disposal. The benefits of providing reclaimed water include additional effluent disposal capacity, revenue and a positive public image.

### Background:

To facilitate the distribution of reclaimed water to the service area, the utility was required to invest in and install transmission mains that would connect to existing subdivision infrastructure, as well as future developer-contributed facilities. The distribution system design is based upon a study performed by an engineering firm using a projected 50% subscription rate at build out. The final design incorporated the use of an existing 10" reuse main that originates at the WWTF and terminates at the golf course holding pond, in conjunction with a proposed parallel 20" reuse main.

Currently the utility is utilizing the 10" reuse main to provide service to the Ekana Green and Waverlee Woods subdivisions. Due to the reuse program's infancy and current subscription rate, the use of this line has permitted adequate service capability. Although this is currently the case, the system as it stands will not provide adequate carrying capacity necessary to provide reuse service to other areas as projected.

### Justification:

The project is necessary to facilitate the projected 50% residential reuse service subscription rate within the Sanctuary and Live Oak subdivisions.

### **Alternatives**

### **Timing of Project Timeline Required**

See Proposed Schedule provided in June 28, 2002 Boyd Environmental Engineering proposal.

### **System Information**

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East

10/08/03 Page 2



## **Capital Project Request**

Florida FL C067 0647 ·697

Region State Co# Sub# ID#

Priority Level: Project Created: 11/07/02 Related to ID #: 2002-420

Project Name: 20" Reuse Main from WWTF to west side of Lockwood

Company: Alafaya Utilities, Inc. Expenses to Start: 08/01/2002

System: Alafaya Utilities, Inc. Expenses to End: 10/01/2004

covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### • Rate Case Information

Last Order Date: 10/94 Order Number: 23100

Type: S

Docket: 900456-SU
Test Year: Acquisition

### • List of Other Projects for System - by Project Status

<u>Sub</u>	Status	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	Spent
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposat	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	0-000cm-0-10-10-1-1-1
0647	Capital Planning	(1169) 🛴 🤇	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	- • •
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	Nazista (j. 1886.) Gusikimen Alba
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	****
0647	Canital Planning	201	Sand filter rehab & chinrine contact	กัวสาสกับ :	COD AMA	Assessment of the second

10/08/03 Page 3

System	Description 20" reuse main from	Work Order #	Start Date	Finish	Component	_E	stimated Costs	<u> T</u>	otal Spent		itimated Costs
Mafaya Utilities, Inc.	WWTF to west side of lockwood	067-0647-116-03-02	8/1/02	10/1/04	Capitalized Time	s	2,550.00	\$		\$	2,550.00
maraya Olimios, mo.	1001111000				Interest During Construction	\$	31,527.00	\$	-	\$	31,527.00
					Engineering	\$	37,500.00	\$	2,700.00	\$	34,800.00
					Permits	\$	14,500.00	\$	-	\$	14,500.00
					Surveying	\$	20,000.00	\$	-	\$	20,000.00
					Plant	. \$	488,000.00	\$	460.00	\$_	487,540.00
					Total		594,077.00	•	3,160.00	e	590,917.00

•

Invoices:	<u>Amount</u>	Component
Boyd Engineering	\$ 1,840.00	Engineering
Boyd Engineering	\$ 860.00	Engineering
Boyd Engineering	\$ 460.00	Plant



## CEIVED September 1, 2003

107964

SEP 04 2003 Utilities, Inc. of Florida 200 Weathersfield Ave Altamonte Springs Fid ES, INC.

Attn: Mr. Bryan Gongre

Re: Invoice for Professional Services Rendered

for the Period Ending August 31, 2003

Project: Alafaya Utilities Reclaimed Water-System-

Boyd Environmental Project No #012-D-01/2339 Invoice # 2339



Employee Classification	Hours	Rate	Fee
Project Director	0.00	\$90.00	\$0.00
Project Manager	0.00	80.00	0.00
Project Engineer	0.00	70.00	0.00
Staff Engineer	0.00	55.00	0.00
Environmental Scientist	0.00	50.00	0.00
Technician	0.00	40.00	0.00
Secretary	0.00	25.00	0.00
		Subtotal	\$0.00
	Add Reimburs	1,840.00	

(Breakdown Below) Total Amount Due and Payable Payment Due Within 30 Days of Invoice Date

Reimbursable Expense Breakdown

Allen-Craig Civil Engineering = \$1,840.00 (Invoice Attached)

\$1,840.00

Professional Services Included

1. Multiple pressure tests for the reuse main along CR 419.

adqirearing

WO# 067-0647-116-03-02-20812

Thank you for the opportunity to provide these services.

James 1 C. Boyd, P.E.

President

166 Lookout Place • Suite 200 • Maitland, Florida 32751

Phone (407) 645-3888

FAX (407) 645-1199



# RECEIVED

September 1, 2003

SEP 04 2003

V07964

Alafaya Utilities, Inc.
200 Weathersfield Avenue LTES, INC.
Altamonte Springs, FL 32714

Attn: Mr. Bryan Gongre

Re: Invoice for Professional Services Rendered for the Period Ending August 31, 2003

Project: Alafaya WWTF Reuse Main
Boyd Environmental Project No 12-D-03 2340
Invoice # 2340



	Percent	Amount	Less	
Fee	Complete	Complete	Previous	
<u>Amount</u>	To Date	To Date	<u>Invoices</u>	Amount Due
\$20,000.00	2%	\$400.00	\$0.00	\$400.00
\$11,500.00	8%	\$920.00	\$460.00	\$460.00
\$14,500.00	0%	\$0.00	\$0.00	\$0.00
\$3,000.00	0%	\$0.00	\$0.00	\$0.00
\$3,500.00	0%	\$0.00	\$0.00	\$0.00
\$5,000.00	0%	\$0.00	\$0.00	\$0.00
\$4,500.00	0%	\$0.00	\$0.00	\$0.00
\$10,200.00	0%	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00
\$72,200.00		\$1,320.00	\$460.00	\$860.00
	Amount \$20,000.00 \$11,500.00 \$14,500.00 \$3,000.00 \$3,500.00 \$5,000.00 \$4,500.00 \$10,200.00	Amount         To Date           \$20,000.00         2%           \$11,500.00         8%           \$14,500.00         0%           \$3,000.00         0%           \$3,500.00         0%           \$5,000.00         0%           \$4,500.00         0%           \$10,200.00         0%	Fee         Complete         Complete           Amount         To Date         To Date           \$20,000.00         2%         \$400.00           \$11,500.00         8%         \$920.00           \$14,500.00         0%         \$0.00           \$3,000.00         0%         \$0.00           \$5,000.00         0%         \$0.00           \$4,500.00         0%         \$0.00           \$10,200.00         0%         \$0.00	Fee         Complete         Complete         Previous           Amount         To Date         To Date         Invoices           \$20,000.00         2%         \$400.00         \$0.00           \$11,500.00         8%         \$920.00         \$460.00           \$14,500.00         0%         \$0.00         \$0.00           \$3,000.00         0%         \$0.00         \$0.00           \$3,500.00         0%         \$0.00         \$0.00           \$5,000.00         0%         \$0.00         \$0.00           \$4,500.00         0%         \$0.00         \$0.00           \$10,200.00         0%         \$0.00         \$0.00

Payment Due Within 30 Days of Invoice Date

### **Professional Services Included**

1. Miscellaneous coordination with Client concerning proposed reuse main route including Client meeting held on 8/1/03.

2. Researched Alafaya Woods CCRs for utility easements.

(e)

WO# 067-0647-116-03-02-20812

Thank you for the opportunity to provide these services.

James C. Boyd, P.E.

President /

pris, demon in

20" Rouse maid from

Lockwood

166 Lookout Place • Suite 200 • Maitland, Florida 32751

Phone (407) 645-3888

FRX (407) 645-1199



January 1, 2003

07964

RECEIVED

UTILITIES, INC.

Alafaya Utilities, Inc. 200 Weathersfield Avenue Altamonte Springs, FL 32714 Attn: Mr. Don Rasmussen

Vice President

Re: Invoice for Professional Services Rendered for the Period Ending December 31, 2002

Project: Alafaya WWTF Reuse Main Boyd Environmental Project No 12-D-03 2239

Invoice # 2239

Task Survey Preliminary Engineering Design Environmental Permitting City of Oviedo Permitting FPC Easement Utilization Final Engineering Design Bidding	Fee <u>Amount</u> \$20,000.00 \$11,500.00 \$14,500.00 \$3,000.00 \$3,500.00 \$5,000.00	Percent Complete To Date 0% 4% 0% 0% 0% 0% 0%	Amount Complete To Date \$0.00 \$460.00 \$0.00 \$0.00 \$0.00 \$0.00	Less Previous Invoices \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount Due \$0.00 \$460.00 \$0.00 \$0.00 \$0.00 \$0.00
Construction Administration	\$4,500.00 \$10,200.00	0% 0%	\$0.00 \$0.00	\$0.00 <b>\$</b> 0.00	\$0.00 _\$0.00-
Total Fixed Fee	\$72,200.00	270	\$460.00	\$0.00	\$460.00

Payment Due Within 30 Days of Invoice Date

Professional Services Included

1. Miscellaneous coordination with Client concerning proposed reuse main route.

The comparate approved who for its comparate at maintain mailed its parties.

Thank you for the opportunity to provide these services.

President

30-161/03

2002-697

166 Lookout Place • Suite 200 • Maitland, Florida 32751

Phone (407) 645-3888

FAX (407) 645-1199



Capital Project Request	Florida FL C067 Region State Co#	0647 892 Sub# ID#
Priority Level: 1 Project Created:		ated to ID #:
Project Name: Generator Transfer Switc	h Replacement	
Company: Alafaya Utilities, Inc.	Expenses to Start:	02/03/2003
System: Alafaya Utilities, Inc.	Expenses to End:	10/01/2003
Service(s): ☐ Water ☒ Sewer ☐ Water &	Sewer ⊠Reuse □Other	
	Expand Capacity ☐ Ongoing Provide New Service ☐ Other (ex Improve Safety	Maintenance plain below)
Estimated Costs by Component	WO#: 067-0647-116-03-03 PO#: GLI	#:
Component(s) Component Description	Original Estimate Asset Des	signation
Capital Plan   \$88.00 O Upgr O Repart O Replace equipment the origin service?	Asset(s) rading Asset(s) airing Asset(s) acing Asset(s) ng existing nt, when (year) was al asset placed in	
Estimate: \$30,154.00 Estimate Total	al # of Affected omers: 5,938 Customers:	Cost per \$2.16
Submitted by: Scotta Hams	Title: Assistant Operations Manager	Date: 01/02/03
Submitted by: Scotly Haws \$5,000 - \$10,000 Don Rasmussen	Regional Director	Date: 01/06/03
\$10,001 - \$25,000 Susan J. Fortino	Director of Operations	Date: 01/10/03
Over \$25,000	Chief Executive Officer	Date:
Attachment(s) - Ref. # 892  Project Description	☐ Interoffice Mail	☐ QuickMail / Email ☐ Hand Delivery
List of System Projects		

### Utilities, Inc. - Integrated Solutions System

### **APPROVED**



## **Capital Project Request**

Florida FL C067 0647 892

Region State Co# Sub# ID#

Priority Level: 1

Project Created: 11/24/02

Related to ID #:

Project Name: Generator Transfer Switch Replacement

Company: Alafaya Utilities, Inc.

Expenses to Start: 02/03/2003

System: Alafaya Utilities, Inc.

Expenses to End: 10/01/2003

### Project Description

See Notes Screen for addt'l info Estimate Total: \$12,853.00

Electrical Contractor to remove existing 1200 Amp, 480 Volt Transfer Switch, install new 1200 Amp 480 Volt 3 pole Onan Power Command Transfer Switch, Start Up.

### Justification & Benefits

Inspection of Generator Facilities by Generator Maintenance Contractor found that the existing transfer switch has excessive sparking when in use. The unit has reached the end of its service life with parts no longer becoming available for repairs.

### **Alternatives**

1. KEEP EXISTING UNIT IN SERVICE. This would not be a good option due to parts no longer being available for repairs, and the unit becoming less reliable. 2. POSTPONE PROJECT. This would not be a viable option due to the excessive sparking which occurs when the unit is in use. Reliability has been greatly reduced.

### **Timing of Project**

Equipment to be ordered upon approval, 3 to 4 week delivery.

### System Information

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### Rate Case Information

System	Description	Work Order #	Start Date	Finish	Component	Est	imated Costs		Total Spent		nated Costs Complete
Alafaya Utilities, Inc.	Generator transfer switch replacement	067-0647-116-03-03	2/3/03	10/3/03	Capitalized Time Interest During Construction	\$ \$	765.00 88.00	\$ \$	· .	\$ \$	765.00 88.00
					Labor, materials, and Installation	\$	12,000.00	\$	14,926.23	\$	
					Total	\$	12,853.00	\$	14,926.23	\$	853.00

Invoices:
Thompson Electric Company \$

<u>Amount</u>

Component

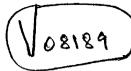
14,926.23 Labor, materials, and Installation



# THOMPSON Electric Company

ELECTRICAL CONTRACTORS P.O. BOX 1478

PHONE (407) 365-6666 WINTER PARK, FLORIDA 32790 WIRING AND REPAIRING FAX (407) 365-9358



SEP 0 2 2003

YOUR ORDER NO.
OUR ORDER number 03/112

TO

Utilities, Inc. of Florida 200 Weathersfield Ave. Altamonte Springs, Fl. 32714 **FOR** 

Partial payment for Electrical work at Alafaya WWTP, Oviedo,Fl. Furnish & Install 1200A. Transfer Sw.

UNITS	ARTICLES	EACH	AMOUNT
GARY	Furnish and Install 1200 Amp 480V. 3 pole ONAN Transfer Sw.  Amount \$30,154.00  Labor and materials in place this pay period: 550  Less 10% retained  Amount due this pay period	/	16,584.70 1,658.47 14,926.23
	Wo# 067-0647-116-03-03-2	0704	

# Utilities, Inc. - Integrated Solutions System

Capital Project Request	Florida FL C067 Region State Co#	7 0647 1529 Sub# ID#
Priority Level: 1 - OSHA/Required Project Created: 0		lated to ID #:
Project Name: Surge Pump Replacement	t/Rehabilitation	
Company: Alafaya Utilities, Inc.	Expenses to Start:	07/01/2003
System: Alafaya Utilities, Inc.	Expenses to End:	08/01/2003
Service(s): ☐ Water ☑ Sewer ☐ Water &	Sewer □Reuse □Other	
Benæfits ⊠Regulatory Requirement □ f Category: □Improve Service □ F □ Cost Reduction □ I	Expand Capacity	Maintenance cplain below)
Estimated Costs by Component	WO#. 100: 001: 110 00 00	
Estimated Costs by Component	PO#: GL	#:
Component(s) Component Description	Original Estimate Asset De	signation
20002 Capitalized Time		Asset(s)
20003 IDC 20112 Equipment & Labor	\$6,868.90 O Rep	rading Asset(s) airing Asset(s)
20112 Contingency	\$600.00 O Rep	lacing Asset(s)
	)	ing existing
		nt, when (year) was nal asset placed in
	service?	, [
Control Plan		
Capital Plan \$7,468.90 Estimate Totals	\$8,542.90	
Total Capitalized Time Estimate: 40 Hours Custom	# of # of Affected ners: 6,006 Customers:	Customer: \$1.42
Signature Authority & Approvals		
Commission Comme Wasselmbite	Title: Area Manager	Date: 07/09/03
Submitted by: Gary Musselwhile  \$5,000 - \$10,000 Patrick Flynn		
\$5,000 - \$10,000 Patrick Hyun	_ Regional Director	Date: <u>07/11/03</u>
\$10,001 - \$25,000	Director of Operations	Date:
Over \$25,000	_ Chief Executive Officer	Date:
	☐ Fax	☐ QuickMail / Email
Attachment(s) - Ref. # 1529	☐ Interoffice Mall	☐ Hand Delivery
Project Description		

List of System Projects

# **EMERGENCY** APPROVED

## Capital Project Request

Florida FL C067 0647 1529

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 07/02/03

Related to ID #:

Project Name: Surge Pump Replacement/Rehabilitation

Company: Alafaya Utilities, Inc.

Expenses to Start:

07/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

08/01/2003

### Project Description

☐ See Notes Screen for addt'l info Estimate Total: \$8,542.90

Rehabilitate all three surge pumps.

### Justification & Benefits

During heavy rains and high flows, the Alafaya WWTP Surge Tanks overflow onto the ground. These spills are raw sewage.

As a requirement for the pending operating permit renewal, we must eliminate the risk of surge tank overflow. All three pumps need new impellers, as well as other seal kits. These pumps need to be repaired in order to maximize the pumping capacity and prevent sewage overflow.

### **Alternatives**

- 1. We could simply replace the surge equipment, but this would be unnecessary. The pumps' service life can be lengthened by completing the proposed repairs at a significantly lower cost.
- 2. Repaironly 1 or 2 of the 3 pumps: This would not result in an adequate increase in pumping capacity to prevent spills, especially if any 1 of the 3 pums was out of service thereafter.

### Timing of Project

Urgent

### System Information

### • Facility Update

7/23/02 -The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 411. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The newwwse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx.

Page 2

System	Description	Work Order #	Start Date	Finish	Component	<u>Est</u>	mated Costs	Tota	I Spent	_	mated Costs Complete
Alafaya Utilities, Inc.	Surge pump replacement/rehabilitation	067-0647-1111-03-05	7/1/03	7/30/03	Capitalized Time Interest During Construction Equipment & labor Contingency Total	\$ \$ \$	1,020.00 54.00 6,868.90 600.00 8,542.90	\$ \$ \$	: : :	\$ \$ \$	1,020.00 54.00 6,868.90 600.00 8,542.90

Capital Project Request	Florida FL CO Region State Co	67 0647 1492 o# Sub# ID#
Priority Level: 1 - OSHA/Required Project Created: 061	In 1144	Related to ID#:
Project Name: Collection Manhole Inspecti	ion and Repair	
Company: Alafaya Utilities, Inc.	Expenses to Start	07/01/2003
System: Alafaya Utilities, Inc.	Expenses to End:	
Service(s): ☐ Water ☑ Sewer ☐ Water & Se	ewer □Reuse □Other	
Benefits ⊠ Regulatory Requirement ☐ Ex Category: ☐ Improve Service ☐ Pr ☐ Cost Reduction ☐ Im		
Estimated Costs by Component	WO# 067-0647-116-03-06	
Estimated Costs by Component	PO#:	GL#:
Component(s) Component Description	Original Estimate Asset (	Designation
20002 Capitalized Time 20003 IDC 20812 Labor & Materials	\$511.00 O Up \$35,120.00 O Re O Re	ew Asset(s) ograding Asset(s) epairing Asset(s) eplacing Asset(s) acing existing nent, when (year) was ginal asset placed in e?
Capital Plan Estimate: \$35,120.00 Estimate Totals:  Capitalized Time Estimate: 40 Hours Custome  Signature Authority & Approvals	# of Affected Customers:	Cost per \$6.10
Submitted by: Gary Mussclwhile	Title: Area Manager	Date: 07/18/03
\$5,000 - \$10,000 Patrick Flynn	Regional Director	Date: 07/23/03
\$10,001 - \$25,000 Lisa Crossett	Director of Operations	Date: 07/29/03
Over \$25,000 James L. Camaren	Chief Executive Officer	Date: 07/30/03
Attachment(s) - Ref. # 1492  Project Description Estimate(s) Required List of System Projects	□ Fax □ Interoffice M	☐ CuickMail / Email ail ☐ Hand Delivery



## Capital Project Request

Florida FL C067 0647 1492

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 06/04/03

Related to ID #:

Project Name: Collection Manhole Inspection and Repair

Company: Alafaya Utilities, Inc.

Expenses to Start:

07/01/2003

System: Alafaya Utilities, Inc.

Expenses to End: 10/01/2003

Complete inspection and necessary repair of 878 manholes in the older sections of the Alafaya sewer collection system.

### Justification & Benefits

As a requirement for the renewal of the Alafaya WWTP operating permit, we will have a complete inspection performed on all manholes in the collection system west of the Econolockahatchee River, less the Little Creek subdivision. In addition, this work order will provide for the repair of approximately 35 of the manholes by way of sealing and grouting to prevent infiltration and inflow.

### **Alternatives**

This necessary 1st step is the minimum as required by the FDEP. This process will eventually include smoke testing of approx. 257,408 feet of collection system at a cost of \$65K. These two inspections will result in a report outlining the system's I&I deficiencies. The FDEP will then expect us to make the necessary repairs according to a predetermined schedule.

### Timing of Project

We are required to submit a schedule for testing and rehabilitation of the collection/transmission system by 7/30/2003.

### System Information

### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx.

System	Description	Work Order #	Start Date	Finish	Component	Es	imated Costs		otal Spent		imated Costs o Complete
Alafaya Utilities, Inc.	Collection manhole inspection and repair	067-0647-116-03-06	7/1/03	open	Capitalized Time Interest During Construction Labor & materials	\$ \$ \$	1,020.00 511.00 35,120.00	\$ \$ \$	- - 8,200.00	\$ \$	1,020.00 511.00 26,920.00
					Total	\$	36,651.00	\$	8,200.00	\$	28,451.00

 Invoices;
 Amount
 Component

 Reyntech
 \$ 8,200.00
 Labor & materials

Resurfacing Specialis
THER AVENUE
WOOD, FL 32750
NOLE

W6,#-

V15292

Invoice Number:
121325
Invoice Date:
9/2/2003
Page Number:

SEP 0 2 2003

fax: E-mail: 407-260-5146 407-260-9623

Bill To:

UTILITIES INC

Ship To:

UTILITIES INC

Payment Terms Customer PO Customer ID Due on Receipt 647 Utilities Inc Shipping Method Ship Date Due Date Sales Rep 9/2/2003 9/2/2003 Best Way Extension Description **Unit Price** Quantity Item 20.00 8,200.00 INFILTRATION & INFLOW MANHOLE 410.00 **MANHOLES** STUDY wof 067-0647-116-03-06-20812

Customer Balance:

8,200.00

Subtotal Freight Sales Tax Amount Paid Total 8,200.00 0.00 0.00 0.00 8,200.00



Florida FL C067 0647 1164 Region State Co# Sub# ID#
Related to ID #: 2002-1165
łeadworks
Expenses to Start: 04/15/2003
Expenses to End: 09/01/2003
Reuse Other
pacity
GL#ŧ
I Estimate Asset Designation
O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service?  # of Affected Customers:  Customers:  Customers:
Date:
al Director Date:
of Operations Date:
xecutive Officer Date:
☐ Fax ☐ QuickMail / Email ☐ Hand Delivery



Florida FL C067 0647 1164 Co#

Region

State

Sub#

ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #: 2002-1165

Project Name: Design and Permitting of Facility Headworks

Company: Alafaya Utilities, Inc.

**Expenses to Start:** 

04/15/2003

System: Alafaya Utilities, Inc.

Expenses to End:

09/01/2003

### Project Description

See Notes Screen for addt'l info Estimate Total:

Project will consist of the Design and FDEP permitting of the solution outlined through WO #067-0647-116-03-01

### Justification & Benefits

Based upon recommendation with the above listed work order.

### **Alternatives**

### Timing of Project

### System Information

### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 ·1164
Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #: 2002-1165

Project Name: Design and Permitting of Facility Headworks

Company: Alafaya Utilities, Inc.

Expenses to Start: 04/15/2003

System: Alafaya Utilities, Inc. Expenses to End: 09/01/2003

### • List of Other Projects for System - by Project Status

<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	Spent
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	200000-022
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,0 <b>00</b>	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	war war and a resident
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	***************************************
0647	Capital Planning	1176	and the control of th	06/01/03	\$70,000	
	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
- X : 5 × × · · · /	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
3 34	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
- X 5> · · ·	Capital Planning	1173	Construction of Additional Effluent Disposal	a 40.0000	\$300,000	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
- 1775 x 65	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	90000000 10 C0000 940 600°
	Capital Planning	201:	Sand filler rehab & chlorine contact	02/01/04	\$22,00 <b>0</b>	
		205	Construct sludge dewatering facilities	06/01/04	\$200,000	er er Causa, La rece - sal
	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	*\$18601. 0.00-0.0000 w.c.u.0011 60 :
( (	Approved-Reg. Dir	THE RESERVE OF THE PARTY	Rehabilitation of the West Plant	12/01/03	\$194,899	<b>A</b>
	Open	420	Design and construction of reuse system	04/01/97		\$777,686
*******	Open	415	CR 419 Reuse Main	02/01/02	2008/11 200100000000000000000000000000000000	\$465,650
_	Open	419	FDEP permit application to renew permit	05/15/02		\$24,443
	Open	697	20" Reuse Main from WWTF to west side of.	08/01/02	::^;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	\$3,160
	Open	1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120	\$8,200
0647	Open	116 <b>8</b>	Collection System Smoke Testing and	12/01/03	\$75,3 <b>52</b>	

10/08/03 Page 3



Region State Co# Sub# ID#  Related to ID#:  sal  Expenses to Start: 06/01/2003  Expenses to End: 12/01/2003  suse
Expenses to Start: 06/01/2003  Expenses to End: 12/01/2003  Fuse Other  acity Ongoing Maintenance Service Other (explain below)  ety  GL#
Expenses to End: 12/01/2003  use Other  acity Ongoing Maintenance Service Other (explain below) ety  GL##
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acity Ongoing Maintenance Service Other (explain below) ety GL##
Service □ Other (explain below) ety GL#:
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O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service?
_# of Affected Cost per Customer:
Date:
Director Date:
Operations Date:
cutive Officer Date:
☐ Fax ☐ QuickMail / Email ☐ Interoffice Mail ☐ Hand Delivery
DI F



Florida FL C067 0647 ·198

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created:

Related to ID #:

Project Name: Perc Pond Site - Golf Course Disposal

Company: Alafaya Utilities, Inc.

Expenses to Start:

06/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

12/01/2003

**Project Description** 

☐ See Notes Screen for addt'l info Estimate Total:

Perc.Pond Site/Golf Course Disposal

Justification & Benefits

Anticipated costs to achieve permit issuance

**Alternatives** 

**Timing of Project** 

### System Information

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 198
Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required Project Created:

Related to ID #:

Project Name: Perc Pond Site - Golf Course Disposal

Company: Alafaya Utilities, Inc. Expenses to Start: 06/01/2003

System: Alafaya Utilities, inc. Expenses to End: 12/01/2003

### • List of Other Projects for System - by Project Status

<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,000	7779::37130-238-288330 7140-11123-11133-238-2883
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	· · · · · · · · · · · · · · · · · · ·
0647	Capital Planning.	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,0 <b>00</b>	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	. •	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,0 <b>00</b>	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	
0647		1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	Capital Planning	201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
0647		205	Construct studge dewatering facilities	06/01/04	\$200,000	
	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,00 <b>0</b>	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	a da Balloukookooko (1907 - 1907 - 1944)	Stores on a Stores and A	Rehabilitation of the West Plant	12/01/03	<b>\$</b> 194, <b>899</b>	
	Open	420	Design and construction of reuse system	04/01/97	\$970,000	\$777,686
0647	Open	415	CR 419 Reuse Main	02/01/02	\$563,4 <b>65</b>	\$465,6 <b>50</b>
0647	Open	419	FDEP permit application to renew permit	05/15/02	\$43,500	\$24,443
1.55.200.25	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	\$560,000	\$3,160
0647		1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120	\$8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	

10/08/03 Page 3



	14 /D total D-	st		State Co#	Sub# ID#	
ority Level: 1 - OSF	-	oject Created: 03/01/03		Rel	ated to ID #: 2002-11	68
•		uction Remedies	,			
	Alafaya Utilities, In		·	s to Start:	06/01/2003	
System:	Alafaya Utilities, In	c,	Expense	s to End:	06/01/2004	
Service(s):	□ Water ⊠ Sewer	■ Water & Sewer	□Reuse □Oth	ier		
	☐ Regulatory Required Improve Service ☐ Cost Reduction		New Service		Maintenance plain below)	
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Contrate the contrate of the c	Tooks by co	ra niziranwa wa wakazi wa wakazi a 1441	0#;	GL		
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<b>The All</b> Colored Colored Line (Carlo Colored		lours Customers:	Customer	•	Customer:	
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Attachmo	ent(s) - Ref. # 1	169	□ Fai	k eroffice Mail	☐ QuickMail / Email ☐ Hand Delivery	



Florida FL C067 0647 1169

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #: 2002-1168

Project Name: I/I Study Construction Remedies

Company: Alafaya Utilities, Inc.

Expenses to Start:

06/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

06/01/2004

### Project Description

See Notes Screen for addt'l info Estimate Total:

Construction of remedies outlines through the Collection system I/I investigation and evaluation

Justification & Benefits

<u>Alternatives</u>

Timing of Project

### System Information

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

List of Other Projects for System - by Project Status



Florida FL C067 0647 1169

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required Project Created: 03/01/03 Related to ID #: 2002-1168

Project Name: 1/1 Study Construction Remedies

Company: Alafaya Utilities, Inc. Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc. Expenses to End: 06/01/2004

<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	Estimate	Spent
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposat	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	······································
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176~	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
1/20/10/10	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
- 1 2-2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
1.00	Capital Planning	1173	Construction of Additional Effluent Disposal	i di Nama (Calabaran Albara). A	\$300,000	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
//www.hoddle.	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	000000 TETERON TO 1000 1000
- 1,728000	Capital Planning	201	Sand filler rehab & chlorine contact	02/01/04	\$22,00 <b>0</b>	
	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	NA - 1000000000 / 100 / 100 / 100 / 2
1.00	Capital Planning	206	Permanent office, controls and equipment	A-C 488 B-14-66485	\$100,00 <b>0</b>	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	eva da tolorialisto o como to
200	Approved-Reg. Dir	asiasingan araba a	Rehabilitation of the West Plant	12/01/03	\$194,899	
2 5 2. 5	Open	420	Design and construction of reuse system	04/01/97		\$777,686
4.4747.55	Open	415	CR 419 Reuse Main	02/01/02	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$465,650
	Open	419	FDEP permit application to renew permit	05/15/02	\$43,500	\$24,443
200.000	Open	697	20" Reuse Main from WWTF to west side of	~~x: ~~~~~ (	\$560,000	\$3,160
	Open	1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120	\$8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,3 <b>52</b>	

10/08/03 Page 3



### Capital Project Request FL C067 0647 1172 Region Sub# ID# Priority Level: 1 - OSHA/Required Project Created: 03/01/03 Related to ID #: Project Name: Design/Permitting of Additional Effluent Disposal Company: Alafaya Utilities, Inc. 06/01/2003 Expenses to Start: System: Alafaya Utilities, Inc. 12/01/2003 Expenses to End: Service(s): ☐ Water Sewer Water & Sewer Reuse ☐ Other... Benefits Regulatory Requirement Expand Capacity Ongoing Maintenance Category: Improve Service ☐ Provide New Service ☐ Other (explain below) Cost Reduction ☐ Improve Safety Estimated Costs by Component Wo#: GL#: Original Estimate **Asset Designation** Component(s) Component Description O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s) If replacing existing equipment, when (year) was the original asset placed in service? [ Capital Plan, \$100,000.00 Estimate Totals: Estimate: \_\_\_\_\_# of Affected \_ . Cost per Total # of \_ Capitalized Time Estimate: Hours Customers: Customers: Customer: pprovals Signature Authority & Approvals Submitted by: Title: Date: \$5,000 - \$10,000 Regional Director Director of Operations \$10,001 - \$25,000 Date: Chief Executive Officer Date: Over \$25,000 Project Description List of System Projects



Florida FL C067 0647 -1172

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #:

Project Name: Design/Permitting of Additional Effluent Disposal

Company: Alafaya Utilities, Inc.

Expenses to Start:

06/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

12/01/2003

### **Project Description**

☐ See Notes Screen for addt'l Info Estimate Total:

Design and Permitting of Additional Effluent Disposal Capacity which will most likely be required by the FDEP through the permit renewal process. This may include the additional disposal capacity disucsssed with the Live Oak S/D

Justification & Benefits

**Alternatives** 

Timing of Project

### **System Information**

### • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Vear

Acquisition



Florida FL C067 0647 1172
Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #:

Project Name: Design/Permitting of Additional Effluent Disposal

Company: Alafaya Utilities, Inc.

Expenses to Start: 06/01/2003

System: Alafaya Utilities, inc.

Expenses to End: 12/01/2003

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# • List of Other Projects for System - by Project Status

LIST	of Other Proje	C(3 101 3	ystem - by 110,000 otatus			
<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/ <b>03</b>	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/ <b>03</b>	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/ <b>03</b>	\$50,000	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	165	Construction of Facility Headworks	09/30/ <b>03</b>	\$500,0 <b>00</b>	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	N) 90219494 XIDAXXXID	\$300,000	
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,0 <b>00</b>	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	Capital Planning	201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
0647	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
0647	Capital Planning	206	Permanent office, controls and equipment	01/01/0 <b>5</b>	\$100,000	
0647	Approved-Reg. Dir	1263	Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	Approved-Reg. Dir	202	Rehabilitation of the West Plant	12/01/03	\$194,899	
0647	Open	420	Design and construction of reuse system	04/01/97		\$777,686
0647	Open	415	CR 419 Reuse Main	02/01/ <b>02</b>	\$563 <b>,465</b>	\$465,6 <b>50</b>
0647	Open	419	FDEP permit application to renew permit	05/15/02	\$43,500	\$24,443
0647	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	\$560,000	\$3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03		\$8,200
0647	Open	1168	Collection System Smoke Testing and	ា2/01/0 <b>3</b> ្ខ	\$75,3 <b>52</b>	



# **Capital Project Request** Florida FL C067 0647 1165 Region Priority Level: 1 - OSHA/Required Project Created: 03/01/03 Related to ID #: 2002-1164 Project Name: Construction of Facility Headworks Company: Alafaya Utilities, Inc. 09/30/2003 Expenses to Start: System: Alafaya Utilities, Inc. Expenses to End: 03/30/2004 Service(s): ☐ Water ☑ Sewer ☐ Water & Sewer ☐ Reuse ☐ Other... Benefits ☐ Regulatory Requirement ☐ Expand Capacity Ongoing Maintenance Category: Improve Service Provide New Service Other (explain below) ☐ Cost Reduction ☐ Improve Safety Estimated Costs by Component Wo#! PO#: O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s) If replacing existing equipment, when (year) was the original asset placed in service? [ Signature Authority & Approvals Submitted by: Title: \$5,000 - \$10,000 \_\_\_\_\_ Regional Director Director of Operations Date: \$10,001 - \$25,000 Date: Chief Executive Officer Over \$25,000 Attachment(s) - Ref. # 1165 □ Fax □ QuickMail / Email □ Interoffice Mail □ Hand Deliveny Project Description List of System Projects



Florida FL C067 0647 1165

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 03/01/03

Related to ID #: 2002-1164

Project Name: Construction of Facility Headworks

Company: Alafaya Utilities, Inc.

Expenses to Start:

09/30/2003

System: Alafaya Utilities, Inc.

Expenses to End:

03/30/2004

Project Description

☐ See Notes Screen for addt'l info Estimate Total:

Construction of solution identified in WO #067-0647-116-03-01

Justification & Benefits

**Alternatives** 

Timing of Project

## System Information

## Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94

Order Number:

23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

• List of Other Projects for System - by Project Status



Florida FL C067 0647 '1165 Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required Project Created: 03/01/03 Related to ID #: 2002-1164

Project Name: Construction of Facility Headworks

Company: Alafaya Utilities, Inc. Expenses to Start: 09/30/2003

System: Alafaya Utilities, Inc. Expenses to End: 03/30/2004

Sub	Status	Proj ID	Project Name	Date	Estimate	Spent
	Capital Planning	1164	Design and Permitting of Facility Headworks		\$40,500	<u>opom</u>
	Capital Planning	1104 198	Perc Pond Site - Golf Course Disposat	06/01/03	\$50,000	
	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	<b>888 8</b> 88 888 888 888 888 888 888 888 88
and and the	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
	Capital Planning	1172%%	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
1. A. A. W. W. Y. A.	Capital Planning	∞535555 1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond*	08/01/03	\$50,000	
** :**:	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		KK 40,000 A.43-12979 (2)
	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
10,000,000	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
200 300 2000	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	and an annual contract of the
0647	Capital Planning	J173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	Security and the security of t
0647	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	Capital Planning	201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
0647	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
0647	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	Approved-Reg. Dir	2 <b>02</b>	Rehabilitation of the West Plant	12/01/03	\$194,899	
0647	Open	420	Design and construction of reuse system	04/01/97	\$970,000	\$777,686
0647	Open	415	CR 419 Reuse Main	02/01/02	\$56 <b>3,465</b>	\$465,650
	Open	419	FDEP permit application to renew permit	05/15/02	\$43,500	\$24,443
AS. 244.535	Open	697	20" Reuse Main from WWTF to west side of	. 229-6 6 100 /4 3 11 79003	\$560,000	\$3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120	\$8,200
0647	Open	_116 <b>8</b> ~%\/	Collection System Smoke Testing and	12/01/03	\$75,35 <b>2</b>	



Capital Project Request	Florida Region	FL C067 0647 1166 State Co# Sub# ID#
Priority Level: 5 - Discretionary Project Created:		Related to ID #:
Project Name: Design/Permitting of Add	ditional Reclaimed S	torage
Company: Alafaya Utilities, Inc.	Expens	es to Start: 06/01/2003
System: Alafaya Utilities, Inc.	Expens	ses to End: 06/01/2004
Service(s): ☐ Water ☐ Sewer ☐ Water 8		her
<del>-</del> '	☑Expand Capacity ☑Provide New Service ☐ ☑Improve Safety	☐ Ongoing Maintenance ☐ Other (explain below)
Estimated Costs by Component	WO#3	
Estimated Costs by Component	PO#;	GL#₹
Component(s) Component Description	Original Estimate	Asset Designation
Capital Plan Estimate: \$75,000.00 Estimate Tota	als:	O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service?
Capitalized Time Estimate: Hours Cust	tal # of # of Affect comers: Custome	· · ·
Signature Authority & Approval	IS.	
Submitted by:	Title:	Date:
\$5,000 - \$10,000	Regional Director	Date:
\$10,001 - \$25,000	Director of Operation	ns Date:
Over \$25,000	Chief Executive Office	cer Date:
Attachment(s) - Ref. # 1166		ax QuickMail / Email nteroffice Mail Hand Delivery
Project Description List of System Projects		



Florida FL C067 0647 1166 Co#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Sub# Related to ID #:

Project Name: Design/Permitting of Additional Reclaimed Storage

Company: Alafaya Utilities, Inc.

Expenses to Start:

State

Region

06/01/2003

ID#

System: Alafaya Utilities, Inc.

Expenses to End:

06/01/2004

# Project Description

See Notes Screen for addt'l Info Estimate Total:

Once Live Oak and Sanctuary Developments are on-line, it has been estimated that additional reclaimed water storage may be required.

### Justification & Benefits

**Alternatives** 

Timing of Project

## System Information

# Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

## Rate Case Information

Last Order Date: 10/94

Order Number:

23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

Page 2



Florida FL C067 0647 1166
Region State Co# Sub# ID#

Priority Level: 5 - Discretionary Project Created: 03/01/03 Related to ID #:

Project Name: Design/Permitting of Additional Reclaimed Storage

Company: Alafaya Utilities, Inc. Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc. Expenses to End: 06/01/2004

# • List of Other Projects for System - by Project Status

Sub	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<b>Estimate</b>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	A CONTRACTOR PORT OF A CONTRACTOR
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
4.2 .133	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
1000 1000 100	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,00 <b>0</b>	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03	V215216 1 & 10000000000 2	
- 12° 40° - 14°	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
92004:500	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	service of a constraint
90/19/00/20	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	
0647		1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*************	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,00 <b>0</b>	
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
5 200000000	Capital Planning	201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03 12/01/03	\$20,393	
- 20,433,3360.00	y day di Milian (San San San San San San San San San San	202	Rehabilitation of the West Plant	$\dots \otimes \times \otimes \cap \otimes \cap \otimes \otimes$	\$194,8 <b>99</b>	177 000
	Open	420 415	Design and construction of reuse system CR 419 Reuse Main	04/01/97 02/01/02		777,686  65,650
and the March	Open	***************************************	da e de Neverto del primero promo alto entre del compresso del compresso del compresso del compresso del compr	05/15/02	Visitalia (California de California de California de California de California de California de California de C	anitulia. Talika ili
*****	Open	419 697	FDEP permit application to renew permit 20" Reuse Main from WWTF to west side of			24,443
**********	Open	1492	Collection Manhole Inspection and Repair	07/01/03	kan wisa in Marahiii . 1965	3,160 3,000
	Open		The state of the s			3,200
U64/	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	



Capital Project	Request	F <b>lorida</b> Region	FL C067 0647 ·1 State Co# Sub#	1170 <i>ID#</i>
Priority Level: 5 - Discretionary	Project Created: 0		Related to ID #:	
Project Name: Desigr	and Permitting of L	little Creek RWM		
Company: Alafaya	Utilities, Inc.	Expens	ses to Start: 06/01/2	003
System: Alafaya	Utilities, Inc.	•	ses to End: 12/31/2	003
Service(s): Wate	r □ Sewer □ Water &	Sewer ⊠Reuse □ O	ther	
Category: ☐ Impre		Expand Capacity Provide New Service mprove Safety	☐ Ongoing Maintena ☐ Other (explain belo	
Estimated Cost	s by Component	WO#:		
LStimated Cost		PO#:	GL#:	
Component(s) Compon	ent Description	Original Estimate	Asset Designation	
			O New Asset(s) O Upgrading As O Repairing As O Replacing As If replacing existing equipment, when (y the original asset pl service?	sset(s) set(s) set(s) g year) was
Capital Plan Estimate: \$50,	000.00 Estimate Totals	s: [	-	
Capitalized Time Estima				
Submitted by:		Title:	Date:	····.
\$5,000 - \$10,000		Regional Director	Date:	·····
\$10,001 - \$25,000		Director of Operation	ns Date: _	
Over \$25,000		Chief Executive Office	cer Date: _	
Attachment(s)	- Ref. # 1170		ax ☐ QuickM nteroffice Mail ☐ Hand D	elivery
Project Description List of System Projects	_	····		



Florida FL C067 0647 1170

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Design and Permitting of Little Creek RWM

Company: Alafaya Utilities, Inc.

Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc.

Expenses to End: 12/31/2003

		D : 1D		D.44	F - 43 4 -	0
<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
	Capital Planning	1164	Design and Permitting of Facility Headworks		\$40,500	NACOUTT AT ATT AUGGST00000000
Page 2000 000 114 (	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,0 <b>00</b>	
	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
- Doming 200	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
- AMAZANO SECONOSIO	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	6.6655, m. 1820, p. 110, 60, 60, 40, 40, 100, 7	
	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
44 7000000000	Capital Planning :	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
The Account of Control	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/ <b>03</b>		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	a tanàna mandri ao amin'ny fivondronan-dia mandri dia mandri dia mandri dia mandri dia mandri dia mandri dia m	\$300,000	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	Capital Planning	201	Sand filter rehab & chlorine contact	02/01/04	\$22,00 <b>0</b>	
	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
<ul> <li>************************************</li></ul>	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	Approved-Reg. Dir	20 <b>2</b>	Rehabilitation of the West Plant	12/01/03	\$194,899	
	Open	420	Design and construction of reuse system	04/01/97		\$777,686
0647	Open	415	CR 419 Reuse Main	02/01/02	n: lagelen la lage la bill trabilities (	\$465,650
0647	Open	419	FDEP permit application to renew permit	05/15/02		\$24,443
0647	Open	697	20" Reuse Main from WWTF to west side of	r is in the property of the contract of the	127 2.48 CHXXASAXXXXXXXXX	\$3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120	\$8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	



Capital Project Request	<b>Flo</b> rida Region	FL C067 0647 1175 State Co# Sub# ID#
Priority Level: 5 - Discretionary Project Created:		Related to ID #:
Project Name: Expansion of Existing RW	/ Filter Capacity	
Company: Alafaya Utilities, Inc.	Expense	es to Start: 06/01/2003
System: Alafaya Utilities, Inc.	Expense	es to End: 12/31/2003
Service(s): ☐ Water ☐ Sewer ☐ Water &	Sewer ⊠Reuse □ Ot	her
☐ Cost Reduction ☐	]Provide New Service [ ]Improve Safety	☐ Ongoing Maintenance ☐ Other (explain below)
Estimated Costs by Component	Wo#:	
Estimated Costs by Component	PO#	GL#
Component(s) Component Description	Original Estimate	Asset Designation
Capital Plan Estimate: \$75,000.00 Estimate Total	ls:	O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service?
Tota	al # of # of Affect omers: Custome	• • •
Signature Authority & Approvals	<b>S</b>	
Submitted by:	Title:	Date:
\$5,000 - \$10,000	Regional Director	Date:
10,001 - \$25,000	Director of Operations	S Date:
Over \$25,000	Chief Executive Office	er Date:
Attachment(s) - Ref. # 1175	□ Fa □ Înt	x ☐ QuickMail / Email eroffice Mail ☐ Hand Delive <b>ry</b>
Project Description List of System Projects		

State

Region



# Capital Project Request

Florida FL C067 0647 1175 Co#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Sub# Related to ID #:

ID#

Project Name: Expansion of Existing RW Fifter Capacity

Company: Alafaya Utilities, Inc.

06/01/2003 Expenses to Start:

System: Alafaya Utilities, Inc.

12/31/2003 Expenses to End:

Project Description

See Notes Screen for addt'l info Estimate Total:

Addition of Two additional filtration disks to expand capacity of filtration equipment an additional .500 MGD. Project will also change out the existing filtration media.

Justification & Benefits

**Alternatives** 

Timing of Project

### System Information

## Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 1175
Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Expansion of Existing RW Filter Capacity

Company: Alafaya Utilities, Inc.

Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc.

Expenses to End: 12/31/2003

# • List of Other Projects for System - by Project Status

Sub	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,0 <b>00</b>	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
- YOUAN X130 O	Capital Planning	1169	1/I Study Construction Remedies	06/01/03	\$500,0 <b>00</b>	
	Capital Planning	1170	Design and Permitting of Little Creek RWM		\$50,000	
	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
	Capital Planning	1175	Expansion of Existing RW Filter Capacity		\$75,000	
$-\infty\infty\infty$	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,0 <b>00</b>	
	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
1,00,00,00,00,0	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,0 <b>00</b>	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
************	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
		203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
- 34304 - 3000	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
<ul> <li>norinologicality</li> </ul>	Capital Planning	1173	θότις», Χότρο το Γεών του είτουν τεριστομισετορίας, ως τουξοράδω τοριστοτοιούσε σουδιασμές ζώνς	a e becak i swia 187	\$300,00 <b>0</b>	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	************
- 4004000000 O N	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,00 <b>0</b>	
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	a
- 1. A. P. WOOL X	Capital Planning	201	Sand litter rehab & chlorine contact	02/01/04	\$22,000	
	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	an an europe to the common and the c
**** ********	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
a de la compansión de la c	Approved-Reg. Dir	er a militar of become a	Rehabilitation of the West Plant	12/01/0 <b>3</b>	\$194,8 <b>99</b>	
	Open	420	Design and construction of reuse system	04/01/97		\$777,686
**:X7.XX	Open	415	CR 419 Reuse Main	02/01/02	o w Currentant Frank sacrification	\$465,650
	Open	. 419 * ::::::::::::::::::::::::::::::::::::	FDEP permit application to renew permit	05/15/02		\$24,443
34000,900	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	\$3,160
0647	The second way of the second of	1492	Collection Manhole Inspection and Repair	07/01/03		\$8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	

# Florida FL C067 0647 1176 Capital Project Request Region ID# Priority Level: 5 - Discretionary Project Created: 03/01/03 Related to ID #: Project Name: Installation of Air Scrubber on Master Lift Station Company: Alafaya Utilities, Inc. 06/01/2003 Expenses to Start: System: Alafaya Utilities, Inc. 12/31/2003 Expenses to End: Service(s): ☐ Water ☒ Sewer ☐ Water & Sewer ☐ Reuse ☐ Other... Benefits Regulatory Requirement Expand Capacity Ongoing Maintenance Category: ☑ Improve Service ☐ Provide New Service ☐ Other (explain below) ☐ Cost Reduction ☐ Improve Safety WO#: Estimated Costs by Component Wo#: Original Estimate Asset Designation Component(s) Component Description O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s) If replacing existing equipment, when (year) was the original asset placed in service? Capital Plan. \$70,000.00 Estimate Totals: Estimate: \_\_\_\_# of Affected Total # of. Cost per Capitalized Time Estimate: Hours Customers: Customers: Customer: Signature Authority & Approvals Submitted by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \$5,000 - \$10,000 \_\_\_\_\_ Regional Director Director of Operations Date: \_\_\_\_\_ \$10,001 - \$25,000 Chief Executive Officer Over \$25,000 \_\_\_\_\_ Project Description List of System Projects



Florida FL C067 0647 1176

Region State Co# Sub#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Installation of Air Scrubber on Master Lift Station

Company: Alafaya Utilities, Inc.

Expenses to Start:

06/01/2003

ID#

System: Alafaya Utilities, Inc.

Expenses to End:

12/31/2003

# Project Description

☐ See Notes Screen for addf'l info Estimate Total:

Installation of Air Scrubber System on Master Lift Station at the entrance to the facility to help eliminate odor complaints. Odor complaints noted within the FDEP files and PSC rate case staff's evaluation.

### Justification & Benefits

**Alternatives** 

Timing of Project

## System Information

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

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Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94

Order Number:

23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 1176

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary Project Created: 03/01/03 Related to ID #:

Project Name: Installation of Air Scrubber on Master Lift Station

Company: Alafaya Utilities, Inc. Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc. Expenses to End: 12/31/2003

# • List of Other Projects for System - by Project Status

<u>Sub</u>	Status	Proj ID	Project Name	<u>Date</u>	<b>Estimate</b>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Goff Course Disposal	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
0647	Capital Planning	1169.	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	eere more a second
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	No. 10. 2007/2007/10. (1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	<u>ŠŽŽODO</u> oktob
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03	1 100 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	*	\$300,000	
	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647		201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
0647	'	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
0647	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
	Approved-Reg. Dir	A *	Rehabilitation of the West Plant	12/01/03	\$194,899	
	Open	420	Design and construction of reuse system	04/01/97	- i	777,686
0647	Open	415	CR 419 Reuse Main	02/01/02	\$563,46 <b>5</b>	465,650
	Open	419	FDEP permit application to renew permit	05/15/02	. <b></b>	24,443
0647	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	1. A 19 20 A 1 (A)	3,160
	Open	1492	Collection Manhole Inspection and Repair	07/01/03		8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	) pro 12 (mai fe and BASANA A TAO

State



# Capital Project Request

Florida FL C067 0647 1177 Co#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Sub# Related to ID #:

Project Name: RW Storage Tank Catwalk Installation

Company: Alafaya Utilities, Inc.

Expenses to Start:

06/01/2003

ID#

System: Alafaya Utilities, Inc.

Expenses to End:

Region

12/31/2003

# **Project Description**

See Notes Screen for addt'l info Estimate Total:

Evaluation and Construction of catwalk system for the existing reclaimed water storage tank. Catwalk is required to adequately maintain the floating cover.

### Justification & Benefits

## **Alternatives**

Timing of Project

## System Information

## • Facility Update

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#### • Rate Case Information

Last Order Date: 10/94

Order Number:

23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 ·1177

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary Project Created: 03/01/03 Related to ID#:

Project Name: RW Storage Tank Catwalk Installation

Company: Alafaya Utilities, Inc. Expenses to Start: 06/01/2003

System: Alafaya Utilities, Inc. Expenses to End: 12/31/2003

# • List of Other Projects for System - by Project Status

<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	•
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/ <b>03</b> % (	\$50,000	ander of Holling States. Springer
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	potentia de la composición del composición de la composición de la composición del composición del composición de la composición del composición del composición de la composición del composición del composición del composición del composición del composición del c
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	* - 2 - 0 0 0 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	Waidish abo
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647		1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		 Visa Yil sa i wa 1
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
	Capital Planning	1173	and the contract of the contra	11/30/03	\$300,000	
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	
		1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
	Capital Planning	201	Sand fifter rehab & chlorine contact	02/01/04	\$22,000	ere gerra veneral. An ilina
0647	•	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	Mariana da
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
	Approved-Reg. Dir.	•	Rehabilitation of the West Plant	12/01/03	\$194,899	
0647		420	Design and construction of reuse system	04/01/97		777,686
10.000	Open	415	CR 419 Reuse Main	02/01/02	[17] 6 (000)00000000000000000000000000000000	465,650
	Open	419	FDEP permit application to renew permit	05/15/02		24,443
•	Open:	697	20" Reuse Main from WWTF to west side of	08/01/02	one inconverse all the second	3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03		8,200
0047	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	

Capital Pro	ject Request			067 0647 1174 Co# Sub# ID#	
Priority Level: 5 - Dis	cretionary Proje	ect Created: 03/01/03		Related to ID #:	
Project Name:	Hydrogeologic Inv	restigation of Perc	Pond Capacity		
Company:	Alafaya Utilities, Inc.		Expenses to Star	rt: 08/01/2003	
System:	Alafaya Utilities, Inc.		Expenses to End	1: 12/31/2003	•
Service(s):	□ Water ⊠ Sewer □	]Water & Sewer □Re	use 🗌 Other		
Category:	☐ Improve Service ☐ Cost Reduction	☐ Improve Safe	Service Other	ng Maintenance (explain below)	
> Fetimator	d Costs by Com	nonent Wo#:	<u> </u>		
LStillatet	costs by comp	POHETH		GL#:	
Component(s)	Component Description	Original E	Stimate Asset	Designation	
🌂 Signature	\$50,000.00 Estimates Hou	Total # of customers:	# of Affected Customers:	Cost per Customer:	s Samuel
Submitted b	y:	Title:		Date:	
\$5,000 - \$10,00	00	Regional D	Pirector	Date:	
10,001 - \$25,00	00	Director of	Operations	Date:	
Over \$25,00	00	Chief Exec	utive Officer	Date:	
Attachme	ent(s) - Ref. # 117	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	<ul> <li>Interoffice M</li> </ul>	☐ QuickMail / Email all ☐ Hand Delivery	



FL C067 0647 1174 Florida

Region Co# State Sub# ID#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Hydrogeologic Investigation of Perc Pond Capacity

Company: Alafaya Utilities, Inc.

08/01/2003 Expenses to Start:

System: Alafaya Utilities, Inc.

12/31/2003 Expenses to End:

Project Description

See Notes Screen for addt'l info Estimate Total:

Engineering and consulting for evaluation of actual percolation pond capacity.

Justification & Benefits

<u>Alternatives</u>

**Timing of Project** 

#### System Information

## Facility Update

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#### Rate Case Information

Last Order Date: 10/94

Order Number:

23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

• List of Other Projects for System - by Project Status

Page 2



Florida FL C 067 0647 1174

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Hydrogeologic Investigation of Perc Pond Capacity

Company: Alafaya Utilities, Inc.

Expenses to Start:

08/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

12/31/2003

0.4	Ototuo	Dect ID	Ducinet Name	Data	Estimata	Cnont
Sub	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	Estimate	<u>Spent</u>
0647	Capital Planning	1164	• • • • • • • • • • • • • • • • • • • •	04/15/03	\$40,500	n : : - : : - : : - : : - : : - : : - :
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposat.	06/01/ <b>03</b>	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
277000000000000000000000000000000000000	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
20 to motors	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	Martin (1997) (1997) Salah Salah
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	Capital Planning	201	Sand filler rehab & chlorine contact	02/01/04	\$22,000	
0647	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
0647	Capital Planning	206	Permanent office, controls and equipment	01/01/05	\$100,000	
	Approved-Reg. Dir	1263	Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	Approved-Reg. Dir	20 <b>2</b>	Rehabilitation of the West Plant	12/01/03	\$194,899	
0647	Open	420	Design and construction of reuse system	04/01/97		777,686
0647	Open	415	CR 419 Reuse Main	.02/01/02	\$563,4 <b>65</b> \$	465,650
0647	Open	419	FDEP permit application to renew permit	05/15/02	\$43,500 \$	24,443
0647	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	\$560,000 \$	3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03		8,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	



and the Disco	ect Request	Region	State Co# Sub# ID#
ority Level: 5 - Disc		nr Dauna	Related to ID #:
•	2 Additional H.S. Pumps fo	i neuse	
1	Alafaya Utilities, Inc.	Expens	ses to Start: 10/01/2003
System:	Alafaya Utilities, Inc.	Expens	ses to End: 12/31/2003
Service(s):	□ Water 🛭 Sewer 🔲 Water &	Sewer □Reuse □Ot	her
Category:	☐ Regulatory Requirement ☐ E ☐ Improve Service ☐ F ☐ Cost Reduction ☐ E	Provide New Service   mprove Safety	Other (explain below)
Estimated	Costs by Component	wo#:	
Estimateu		PO#:	GL#:
	Component Description	Original Estimate	Asset Designation
			O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)
			If replacing existing equipment, when (year) was the original asset placed in service?
Capital Plan Estimate:  Capitalized Time	e Estimate: Hours Custom	# of # of Affect ners: Custome	· · ·
Signature	Authority & Approvals		
Submitted by	:	Title:	Date:
	0	_ Regional Director	Date:
55,000 - \$10,00	_	Director of Operation	os Date:
0,001 - \$25,00	0		
		_ Chief Executive Offic	er Date:
0,001 - \$25,00 Over \$25,00		— 	er Date:ax \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Florida FL C 067 0647 203

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Proiect Created:

Related to ID #:

Project Name: 2 Additional H.S. Pumps for Reuse

Company: Alafaya Utilities, Inc.

Expenses to Start:

10/01/2003

System: Alafaya Utilities, Inc.

Expenses to End:

12/31/2003

**Project Description** 

☐ See Notes Screen for addt'l info Estimate Total:

2 Additional H.S. Pumps for Reuse

Justification & Benefits

For added capacity of Reuse system

**Alternatives** 

**Timing of Project** 

## System Information

# • Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### • Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### • Rate Case Information

Last Order Date: 10/94

Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition



Florida FL C067 0647 '203

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Project Created:

Related to ID #:

Project Name: 2 Additional H.S. Pumps for Reuse

Company: Alafaya Utilities, Inc.

Expenses to Start: 10

10/01/2003

System: Alafaya Utilities, Inc.

Expenses to End: 12/31/2003

# • List of Other Projects for System - by Project Status

- List	or other rioje	0.0 .0. 0	jotom by 110joot otalao			
<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposat	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	
0647	Capital Planning	1174	- 一貫 - ・ 一貫 - ・ ・ でいまで みたまえ - でしょうかい しょうしょ あんりゅう トゥ・スコード	08/01/03	\$50,000	
	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/0 <b>3</b>	\$300,000	
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Studge facilities, dewatering, and other	01/01/04	\$75,000	
0647	,	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
0647	<b>₩</b>	201	Sand filter rehab & chlorine contact	02/01/04	\$22,000	
0647	,	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
	Capital Planning		Permanent office, controls and equipment	.01/01/0 <b>5</b>	\$100,000	
	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
	Approved-Reg. Dir		Rehabilitation of the West Plant	12/01/03	\$194,899	
0647	Open	420	Design and construction of reuse system	04/01/97		777,686
0647	Open	415	CR 419 Reuse Main	02/01/02	and presentation and activities. The first love is	65,650
0647	Open	419	FDEP permit application to renew permit	05/15/02		24,443
0647	Open	697	20" Reuse Main from WWTF to west side of	08/01/02	ng Kalababaka di Kabupatèn Persambah Persambah Persambah Persambah Persambah Persambah Persambah Persambah Per	3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03	en er ar announce and account of the	3,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	
	• • • • • • • • • • • • • • • • • • • •					



Capital Project Request	Florida FL C 0 6 7 0 6 4 7 1 1 6 7  Region State Co# Sub# ID #
Priority Level: 5 - Discretionary Project Created: 03/01/	
Project Name: Construction of Reclaimed Wa	ter Storage Tank
Company: Alafaya Utilities, Inc.	Expenses to Start: 12/01/2003
System: Alafaya Utilities, Inc.	Expenses to End: 06/01/2004
Service(s): Water Sewer Water & Sewe	<del>_</del> _
Benefits ☐ Regulatory Requirement ☒ Expai Category: ☒ Improve Service ☐ Provi ☐ Cost Reduction ☐ Impro	
Estimated Costs by Component	WO#:
Estimated Costs by Component	PO#: GL#:
Component(s) Component Description	Original Estimate Asset Designation
Capital Plan Fatimate Totals:	O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) O Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service?
Estimate: \$750,000.00 Estimate Totals.	
Capitalized Time Estimate: Hours Customers: Signature Authority & Approvals	Customers: Customer:
Submitted by: Ti	tle: Date:
\$5,000 - \$10,000 Re	egional Director Date:
\$10,001 - \$25,000 D	irector of Operations Date:
Over \$25,000 C	hief Executive Officer Date:
Attachment(s) - Ref. # 1167	☐ Fax ☐ QuickMail / Email ☐ Interoffice Mail ☐ Hand Delivery
Project Description List of System Projects	



Florida FL C067 0647 '1167

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary

Project Created: 03/01/03

Related to ID #:

Project Name: Construction of Reclaimed Water Storage Tank

Company: Alafaya Utilities, Inc.

Expenses to Start: 12/01/2003

System: Alafaya Utilities, Inc.

Expenses to End: 06/01/2004

**Project Description** 

See Notes Screen for addt'l info Estimate Total:

Construction of Additional Reclaimed Water Storage Tank based upon design in project number 2002-1166

Justification & Benefits

**Alternatives** 

Timing of Project

### System Information

## Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

#### Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94 Order Number: 23100

Type:

S

Docket:

900456-SU

Test Year:

Acquisition

List of Other Projects for System - by Project Status



Florida FL C067 0647 1167

Region State Co# Sub# ID#

Priority Level: 5 - Discretionary Project Created: 03/01/03 Related to ID#:

Project Name: Construction of Reclaimed Water Storage Tank

Company: Alafaya Utilities, Inc. Expenses to Start: 12/01/2003

System: Alafaya Utilities, Inc. Expenses to End: 06/01/2004

Sub	<u>Status</u>	Proj ID	Project Name	Date	<u>Estimate</u>	Spent
0647	Capital Planning	1164	Design and Permitting of Facility Headworks		\$40,500	
	Capital Planning	198	· · · · · · · · · · · · · · · · · · ·	06/01/03	\$50,000	NO WELLING
0647	Capital Planning	1166	<ul> <li>2. The Control of the C</li></ul>	06/01/03	\$75,000	andina in Mark
	Capital Planning	1169	<u> </u>	06/01/03	\$500,000	1604.41.200
0647	Capital Planning	1170	· · · · · · · · · · · · · · · · · · ·	06/01/03	\$50,000	e de la comença Africa
	Capital Planning	1172	<del>-</del>	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176		06/01/03	\$70,000	:935a58 <b>3</b> 74
- O O O A . 12	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	erran en
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03	e de la dispersión de la companya de la comp	. 1,13,18 m/m/
0647	Capital Planning	1165	Construction of Facility Headworks	09/30/03	\$500,000	Pada Kalandar
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	4.7 117 71891
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	
0647	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	Semana ja kurapata
	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	
	Capital Planning	201***	Sand filler rehab & chlorine contact	02/01/04	\$22,000	
	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
0647	Capital Planning	206	Permanent office, controls and equipment	01/01/05.	\$100,000	
0647	Approved-Reg. Dir		Alafaya WWTP Safety Upgrades	05/01/03	\$20,393	
0647	Approved-Reg. Dir	DA 1802 NA	Rehabilitation of the West Plant	12/01/03	\$194,899	
0647		420	Design and construction of reuse system	04/01/97		777,686
7284.4400	Open	415	CR 419 Reuse Main	02/01/02	87 filosopo i Mario India de Como di India.	465, <b>650</b>
0647		419	FDEP permit application to renew permit	05/15/02		24,443
	Open	697	20" Reuse Main from WWTF to west side of	08/01/02		3,160
0647	Open	1492	Collection Manhole Inspection and Repair	07/01/03		B,200
0647	Open	1168	Collection System Smoke Testing and	12/01/03	\$75,352	



Capital Project Request	Florida Region	FL C067 0647 1621 State Co# Sub# ID#
Priority Level: 1 - OSHA/Required Project Created: 09		Related to ID #:
Project Name: Replacement Digester for	Alafaya WWTF	
Company: Alafaya Utilities, Inc.	Expense	s to Start: 01/01/2004
System: Alafaya Utilities, Inc.	Expense	es to End: 07/01/2004
Service(s): ☐ Water ☑ Sewer ☐ Water & S	Sewer □Reuse □Oth	ner
Benefits ☑ Regulatory Requirement ☐ E Category: ☐ Improve Service ☐ P ☐ Cost Reduction ☑ II	Provide New Service D	Ongoing Maintenance Other (explain below)
Fetimated Costs by Component	₩O#:	
Estimated Costs by Component  Component(s) Component Description	PO#:	GL#:
Component(s) Component Description	Original Estimate	Asset Designation
Capitalized Time  IDC  Engineering  Construction  Contingency	\$36,500.00 \$500,000.00 \$30,000.00	O New Asset(s) O Upgrading Asset(s) O Repairing Asset(s) © Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service? 1/1/1972
Capital Plan Estimate: \$600,000.00 Estimate Totals Capitalized Time Estimate: 160 Hours Custom	# of # of Affects	ed Cost per Sustance: \$94.32
Signature Authority & Approvals		s:   Customer.
Submitted by:	Title:	Date:
\$5,000 - \$10,000	_ Regional Director	Date:
\$10,001 - \$25,000	Director of Operations	Date:
Over \$25,000		er Date:
Attachment(s) - Ref. # 1621	🔝 🗖 Int	x ☐ QuickMail / Email eroffice Mail ☐ Hand Delivery
Project Description Estimate(s) Required List of System Projects Timeline Required		



Florida FL C067 0647 1621

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 09/09/03

Related to ID #:

Project Name: Replacement Digester for Alafaya WWTF

Company: Alafaya Utilities, Inc.

Expenses to Start: 01/0

01/01/2004

System: Alafaya Utilities, Inc.

Expenses to End:

07/01/2004

# **Project Description**

See Notes Screen for addt'l info Estimate Total: \$566,500.00

Replace the existing 250,000 gallon digester with a new 500,000 gallon unit, valves, piping, electrical components and appropriately sized blower capacity.

## Justification & Benefits

- 1. The existing digester was constructed in 1972 as a WWTP. It was purchased in used condition by Alafaya Utilities in 1982. The digester is in very poor structural condition. The steel is delaminating above the water line. The catwalk is in relatively poor shape. The unit is also leaking through the concrete slab at the base of the steel tank. Repeated efforts to stop the liquid from seaping out have been unsuccessful.
- 2. The existing digester currently requires over \$5,000 in safety upgrades to meet OSHA requirements.
- 3. The current digester's capacity is inadequate for the facility's rated flow of 1.535 mgd, much less the design flow of 2.400 mgd. In order to process sludge efficiently at current flow conditions plus additional flow caused by customer growth over the next 5 years, about twice as much digester capacity is needed.
- 4. In addition to its poor structural condition, the existing digester's mechanical and electrical components require frequent repair. Over the past few years, it has needed electrical repairs 8 different times and mechanical repairs on 22 different occasions.
- 5. Upon completion, a Limited Proceeding could be submitted to the PSC to recoup the capital investment.

#### **Alternatives**

- 1. REHABILITATE THE EXISTING DIGESTER. This unit was originally a WWTP and was modified to operate as a sludge thickener and digester when installed in 1982. However, the sludge produced by the digester has a lower solids concentration resulting in elevated sludge processing and hauling costs. The estimated cost to completely overhaul the existing tank is \$\_\_\_\_.
- 2. OVERHAUL THE EXISTING DIGESTER AND CONSTRUCT A SECOND SIMILARLY SIZED UNIT ON SITE. Space limitations on the Alafaya WWTP site preclude the construction of multiple digester units. Additionally, by building one large tank, we would benefit from economies of scale in terms of capital investment and operating costs. Estimated cost for this approach is \$\_\_\_.

### Timing of Project Timeline Required

In addition to the safety issues, the aforementioned leak at the base of the tank may generate FDEP enforcement action as a result of a future compliance inspection of the treatment plant.

#### System Information

### Facility Update

7/23/02 - The Alafaya WWTF has recently been upgraded to provide residential and commercial reuse service to those areas specified in accordance with the agreement between Alafaya Utilities and the City of Oviedo. The utility has installed a 20" transmission main from the East side of Lockwood Boulevard, which travels along a rear easement to CR 419. From this point, transmission mains ranging in size from 6", 12" and 18" travel to the North, West and East covering the service area.



Florida FL C067 0647 1621

Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required Project Created: 09/09/03 Related to ID #:

Project Name: Replacement Digester for Alafaya WWTF

Company: Alafaya Utilities, Inc. Expenses to Start: 01/01/2004

System: Alafaya Utilities, Inc. Expenses to End: 07/01/2004

The Alafaya WWTF has a 2.4 MGD treatment capacity potential. The current permitted capacity is 1.535 MGD that is limited by effluent disposal. The percolation ponds are rated at 1.0 MGD, the Ekana Golf Course spray irrigation system is rated at 0.1 MGD and the public access irrigation system is rated at 0.435 MGD.

Currently, the usage of chlorine is approximately 150 pounds per day on average between the two (2) treatment plants and post chlorination (Reuse) facilities. The cost of Chlorine Gas in 150 pound cylinders is currently \$64.00

## Anticipated Growth in Area

This area is a high growth corridor between Seminole and Orange counties and contains a strong potential for further development.

The new reuse main will connect to both the Live Oak and Sanctuary subdivisions, which at build out will be approx. 2500 single family homes.

#### Rate Case Information

Last Order Date: 10/94
Order Number: 23100

Type:

Docket: 900456-SU
Test Year: Acquisition

### List of Other Projects for System - by Project Status

<u>Sub</u>	<u>Status</u>	Proj ID	Project Name	<u>Date</u>	<u>Estimate</u>	<u>Spent</u>
0647	Capital Planning	1164	Design and Permitting of Facility Headworks	04/15/03	\$40,500	
0647	Capital Planning	198	Perc Pond Site - Golf Course Disposal	06/01/03	\$50,000	
0647	Capital Planning	1166	Design/Permitting of Additional Reclaimed	06/01/03	\$75,000	
0647	Capital Planning	1169	I/I Study Construction Remedies	06/01/03	\$500,000	gaag gega kere, is ee k Awalii Naas saasaa ah
0647	Capital Planning	1170	Design and Permitting of Little Creek RWM	06/01/03	\$50,000	
0647	Capital Planning	1172	Design/Permitting of Additional Effluent	06/01/03	\$100,000	
0647	Capital Planning	1175	Expansion of Existing RW Filter Capacity	06/01/03	\$75,000	
0647	Capital Planning	1176	Installation of Air Scrubber on Master Lift	06/01/03	\$70,000	
0647	Capital Planning	1177	RW Storage Tank Catwalk Installation	06/01/03	\$100,000	•
0647	Capital Planning	1174	Hydrogeologic Investigation of Perc Pond	08/01/03	\$50,000	. "i "
0647	Capital Planning	1527	Waverly & Ekana Reclaimed Connections	08/01/03		•
0647	Capital Planning	1165	Construction of Facility.Headworks	09/30/03	\$500,000	
0647	Capital Planning	203	2 Additional H.S. Pumps for Reuse	10/01/03	\$50,000	. , .
0647	Capital Planning	1594	Addition of Permanent Reuse Instrument	10/01/03		
0647	Capital Planning	1171	Construction of Little Creek RWM	11/30/03	\$500,000	•
0647	Capital Planning	1173	Construction of Additional Effluent Disposal	11/30/03	\$300,000	KA KAN
0647	Capital Planning	1167	Construction of Reclaimed Water Storage	12/01/03	\$750,000	• •
0647	Capital Planning	204	Sludge facilities, dewatering, and other	01/01/04	\$75,000	
0647	Capital Planning	1621	Replacement Digester for Alafaya WWTF	01/01/04	\$600,000	•
0647	Capital Planning	201	Sand litter rehab & chlorine contact	02/01/04	\$22,000	
0647	Capital Planning	205	Construct sludge dewatering facilities	06/01/04	\$200,000	
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Florida FL C067 0647 1621
Region State Co# Sub# ID#

Priority Level: 1 - OSHA/Required

Project Created: 09/09/03

Related to ID #:

Project Name: Replacement Digester for Alafaya WWTF

Company: Alafaya Utilities, Inc.

Expenses to Start: 01/01/2004

System: Alafaya Utilities, Inc.

Expenses to End: 07/01/2004

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0647 Approved-Reg. Dir	1263	Alafaya WWTP Safety Upgrades	05/01/03	\$20,393
0647 Approved-Reg. Dir	202	Rehabilitation of the West Plant	12/01/03	\$194,899
0647 Open	420	Design and construction of reuse system	04/01/97	\$970,000 \$777,686
0647 Open	415	CR 419 Reuse Main	02/01/02	\$563,465 \$465,650
0647 Open	419	FDEP permit application to renew permit	05/15/02	\$43,500 \$24,443
0647 Open	697	20" Reuse Main from WWTF to west side of	08/01/02	\$560,000 \$3,160
0647 Open	1492	Collection Manhole Inspection and Repair	07/01/03	\$35,120 \$8,200
0647 Open	116 <b>8</b>	Collection System Smoke Testing and	12/01/03	\$75,352