

LAW OFFICES
ROSE, SUNDBSTROM & BENTLEY, LLP
2548 BLAIRSTONE PINES DRIVE
TALLAHASSEE, FLORIDA 32301

ORIGINAL

(850) 877-6555

CHRIS H. BENTLEY, P.A.
F. MARSHALL DETERING
BRIAN L. DOSTER
MARTIN S. FRIEDMAN, P.A.
JOHN R. JENKINS, P.A.
STEVEN T. MUNDLIN, P.A.
DAREN L. SHIPPY
WILLIAM E. SUNDBSTROM, P.A.
DIANE D. TREMOR, P.A.
JOHN L. WHARTON

MAILING ADDRESS
POST OFFICE BOX 1567
TALLAHASSEE, FLORIDA 32302-1567

TELESCOPIER (850) 656-4029

May 14, 1998

VIA HAND DELIVERY

ROBERT M. C. ROSE
OF COUNSEL

ORIGINAL

Ms. Blanca Bayo
Florida Public Service Commission
Division of Records & Reporting
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

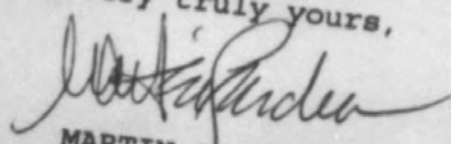
Re: Alafaya Utilities, Inc.; Reuse Project Plan
Docket No. 960288-SU
Our File No. 30057.05

Dear Ms. Bayo:

Pursuant to a telephone conference with Roseanne Gervasi today, enclosed please find one copy of Alafaya Utilities, Inc.'s permit number FLA011074-01 issued February 4, 1998 authorizing Alafaya Utilities, Inc. to operate its domestic wastewater facility. You will note that this permit includes the construction of new facilities to increase total public access treatment capacity to 1.0 MGD.

Should you have any questions regarding this permit or require any additional information, please do not hesitate to give me a call.

Very truly yours,



MARTIN S. FRIEDMAN
For the Firm

MSF/brm
Enclosure

cc: Mr. Carl Wenz (w/out enclosure)
Mr. Don Rasmussen (w/out enclosure)
Roseanne Gervasi, Esquire
David W. Moyé, Esquire

WAW
LEG
SEC

DOCUMENT NUMBER-DATE
05398 MAY 14 8
FPSC-RECORDS/REPORTING
FPSC-RECORDS/REPORTING



COPY Department of Environmental Protection

COPY

FEB - 5 1998
FILE

Lawton Chiles
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT

In the Matter of an
Application for Permit by:
ALAFAYA UTILITIES INC
200 WEATHERSFIELD AVENUE
ALTAMONTE SPRINGS FL 32714

Seminole County - DW
Alafaya Utilities WWTF
Wastewater Permit Application
DEP File Number: FLA011074

ATTENTION DONALD RASMUSSEN
VICE PRESIDENT

Enclosed is Permit Number FLA011074-01 to construct and operate a domestic wastewater facility issued under Section(s) 403.087 and 403.0885 of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


For Christianne C. Ferraro, P.E.
Program Administrator

Water Facilities
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767
Phone: (407)894-7555

Date: 2-3-98

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52(11),
Florida Statutes, with the designated
Department Clerk, receipt of which is hereby
acknowledged.

A. Salonda 2/3/98
Clerk Date

^N
CCF/lm/cs

Enclosures: Permit and DMR

Copies furnished to:
Compliance Section
Groundwater Section

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before close of business on
Feb 4, 1998 to the listed persons, by S. Pittenger.



Department of Environmental Protection

Lawton Chiles
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Virginia B. Wetherell
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Alafaya Utilities, Inc.
Mr. Donald Rasmussen
Vice President
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER:

FLA011074-01

ISSUANCE DATE:

Feb. 4 1998

EXPIRATION DATE:

January 15, 2003

FACILITY I.D. NO.:

FLA011074

GMS I.D. NO.:

3059P00434

FACILITY:

Alafaya Utilities WWTF
1067 McKinnon Avenue
Seminole County
Oviedo, FL 32765

Latitude: 28° 38' 24" N Longitude: 81° 11' 16" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to construct and operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 2.4 million gallon per day (MGD) annual average daily flow (AADF) permitted capacity advanced domestic wastewater treatment plant consisting of two (2) 1.2 MGD AADF extended aeration treatment plants operating in parallel with three (3) common influent surge tanks with manual screening and grit removal, aeration, secondary clarification, and chlorination with a splitter box side stream from each plant to the 0.5 MGD tertiary filter and chlorination tank for public access reuse. Facilities also include turbidity/chlorine residual sensors and electronic diversion valves, a 1.5 million gallon reject water storage tank with pump back capability to the head of the plant for retreatment and aerobic digestion of residuals.

New facilities include construction of an additional 0.5 MGD tertiary filter and chlorination tank (which increases total public access treatment capacity to 1.0 MGD), chemical feed facilities, a reclaimed water high service pump station (to be located at the Ekana Golf Course holding Pond) and over 79,000± feet of reclaimed water distribution mains to serve the newly established Reuse Service Area, as shown on the attached map. Flows to the wastewater treatment plant shall not exceed 1.535 MGD AADF, the total capacity of the disposal systems identified below.

PERMITTEE: Alafaya Utilit., Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

REUSE:

Land Application: An existing 1.0 MGD AADF permitted capacity rapid rate restricted public access land application system (R001) located on 67 acres and consisting of nine (9) percolation ponds, (827,640± square feet total wetted area). Land application system R001 is located approximately at latitude 28° 39' 15" N, longitude 81° 11' 55" W.

Land Application: An existing 0.1 MGD AADF permitted capacity slow-rate public access land application system (R002) consisting of irrigation at the 175 acre/18 hole Ekana Golf Course (114± wetted acres), including a lined/isolated 3.6± acre reclaimed water holding pond with a storage capacity of 3.8± million gallons. Substantial modifications to R002 include the addition of the Reuse Service Area with a permitted capacity of 0.435 MGD AADF, as shown on the attached map and table, for a total system disposal capacity of 0.535 MGD AADF. Land application system R002 is located approximately at latitude 28° 39' 15" N, longitude 81° 10' 24" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Pages 1 through 21 of this permit, including the enclosed Discharge Monitoring Reports (DMR's) and Ground Water Monitoring Reports (GWMR's).

OTHER PERMITS: Existing Permit FLA011074, expires March 11, 2001. That permit, and the conditions contained therein, will be considered null and void and replaced by this permit FLA011074-01, upon issuance.

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

L RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems - Percolation Ponds

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System(s) R001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	1.0	-	-	-	Continuous	Recording flow meters and totalizers	EFF-1	See Cond. I.A.4.
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	16-hour flow proportioned composite	EFA-1	
Total Suspended Solids	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	16-hour flow proportioned composite	EFA-1	
pH	std. units	Range	-	-	-	6.0 to 8.5	Continuous	Analyzer	EFA-1	See Cond. I.A.3.
Fecal Coliform Bacteria			See Permit Condition I.A.5.				Weekly	Grab	EFA-1	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	0.5	Continuous	Analyzer	EFA-1	See Cond. I.A.3., 6.
Nitrate (as N)	mg/L	Maximum	-	-	-	12.0	Weekly	16-hour flow proportioned composite	EFA-1	

PERMITTEE: Alafaya Utili., Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.
A. 1. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-1	Wetwell of pump station to percolation ponds
EFF-1	Flow meter in discharge line to percolation ponds

3. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2, Footnotes 1 and 2, 5-31-93]
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 5-31-93]
5. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-600.440(4)(c), 6-8-93]
6. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(4)(b), 6-8-93]
7. Nitrate nitrogen (NO₃) concentration in the water discharged to the percolation ponds shall not exceed 12.0 mg/L, or as required to comply with Chapter 62-610, F.A.C. [62-610.510, 1-9-96]
8. Flows to percolation ponds #9, #10 and #12, from the pump station on the exterior underdrain system for percolation ponds #8 and #11, shall be monitored and recorded on the DMR's at least weekly. [62-4.070(3), 7-4-95]

PERMITTEE: Alafaya Utilities, Inc.
 200 Weathersfield Avenue
 Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
 EXPIRATION DATE: January 15, 2003
 FACILITY I.D. NO.: FLA011074

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (con't)

A. Reuse and Land Application Systems - Public Access Irrigation

9. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System(s) R002. Such reclaimed water shall be limited and monitored by the permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow ¹	mgd	Maximum	0.535	-	-	-	Continuous	Recording flow meters and totalizers	EFA-2	See Cond. LA.10.
Carbonaceous Biochemical Oxygen Demand (3 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	16-hour flow proportioned composite	EFA-2	
Total Suspended Solids	mg/L	Maximum	-	-	-	5.0	4 Days/Week	Grab	EFA-1	
pH	std. units	Range	-	-	-	6.0 to 8.5	Continuous	Analyzer	EFA-2	See Cond. LA.9.
Fecal Coliform Bacteria	See Permit Condition LA.11.						4 Days/Week	Grab	EFA-2	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	1.0	Continuous	Analyzer	EFA-2	See Cond. LA.12.
Turbidity	NTU	Maximum	See Permit Condition LA.13.				Continuous	Analyzer	EFA-1	

Footnote: 1. Flow to the golf course and reuse service area may exceed 0.535 MGD AADF to satisfy irrigation demands, however, total flow to this wastewater treatment facility remains limited to 1.535 MGD AADF until additional reuse is identified and permitted.

PERMITTEE: Atalaya Utiliti., Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

10. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 9. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-2	Discharge from "public access" chlorination tanks
EFB-1	After filtration and prior to chlorination
EFF-2	Flow meter in discharge line to golf course holding pond or golf course pump station flow meter

11. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2, Footnotes 1 and 2, 5-31-93]
12. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 5-31-93]
13. Over a 30 day period, 75 percent of the fecal coliform values (the 75th percentile value) shall be below the detection limits. Any one sample shall not exceed 25 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 5.0 milligrams per liter of total suspended solids (TSS) at a point before application of the disinfectant. Note: To report the 75th percentile value, list the fecal coliform values obtained during that month in ascending order. Report the value of the sample that corresponds to the 75th percentile (multiply the number of samples by 0.75). For example, for 30 samples, report the corresponding fecal coliform value for the 23rd value of ascending order. [62-600.440(5)(f), 6-8-93]
14. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. [62-600.440(5)(b) and (6)(b), 6-8-93]
15. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. [62-610.463, 1-9-96]

PERMITTEE: Alafaya Utilities, Inc.
 200 Weathersfield Avenue
 Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
 EXPIRATION DATE: January 15, 2003
 FACILITY I.D. NO.: FLA011074

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (con't)
B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

Parameter	Units	Max/Min	Limitations				Monitoring Requirements			Notes
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	
Flow, Total Through Plant	mgd	Maximum	1.535	-	-	-	Continuous	Recording flow meters and totalizers	INF-1	See Cond. I.B.3, 4.
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Report	-	-	-	-	Weekly	16-hour flow proportioned composite	INF-2	See Cond. I.B.3.
Total Suspended Solids	mg/L	Report	-	-	-	-	Weekly	16-hour flow proportioned composite	INF-2	See Cond. I.B.3.

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

Monitoring Location Site Number	Description of Monitoring Location
INF-1	Master flow meter after surge tanks
INF-2	Raw influent discharged to bar screens

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4), 5-31-93]
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 5-31-93]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 11-29-94]
6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5), 5-31-93]
7. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Central District Office at the address specified in Permit Condition I.B.10. by the twenty-eighth (28th) of the month following the month of operation.
- Note: Enclosed for your use is a complimentary computer diskette containing a copy of all DMR's and Ground Water Monitoring Reports (GWMR's) created using Microsoft Word 6. As required above, the permittee must still submit hard copies of these reports in lieu of a loaded diskette.*
- [62-620.610(18), 11-29-94][62-601.300(1), (2), and (3), 5-31-93]
8. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-601.900(4), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department's Central District Office by January 1st of each year. [62-601.300(4), 5-31-93][62-601.500(3), 5-31-93]
9. The permittee shall submit an annual report of reclaimed water utilization using Form 62-610.300(4)(a)2. by January 1st of each year. [62-610.870(3), 1-9-96]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

10. Unless specified otherwise in this permit, all reports and notifications required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard Suite 232
Orlando, Florida 32803-3767

Phone Number - (407) 894-7555

FAX Number - (407) 897-2966 All FAX copies shall be followed by original copies.

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport, by Agreement, to Mid Florida Environmental Services, Inc., Lake Monroe Residuals Management Facility (RMF), located near Sanford, Seminole County, Florida for lime stabilization and land application. The Department shall be notified at least sixty (60) days prior to the termination of this Agreement between the permittee and Mid Florida Environmental Services, Inc. RMF.
2. The wastewater treatment facility permittee shall be responsible for proper handling, use, and disposal of its residuals and will be held responsible for any disposal violations that occur unless the permittee can demonstrate that the treatment facility to which the residuals are transported has legally agreed in writing to accept responsibility for proper treatment and disposal. [62-640.300(3), 3-1-91]
3. The permittee shall sample and analyze the residuals at least once every 3 months. All samples shall be representative and shall be taken after final treatment of the residuals but before use or disposal. Sampling and analysis shall be in accordance with the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. The following parameters shall be sampled and analyzed:

Parameter	Maximum Concentration	Maximum Cumulative Loading
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Cadmium	100 mg/kg dry weight	Not applicable
Copper	3000 mg/kg dry weight	Not applicable
Lead	1500 mg/kg dry weight	Not applicable
Nickel	500 mg/kg dry weight	Not applicable
Zinc	10,000 mg/kg dry weight	Not applicable
pH	(Report only) standard units	Not applicable
Total Solids	(Report only) %	Not applicable

III. GROUND WATER MONITORING REQUIREMENTS

1. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. [62-522.600, 4/14/94]

PERMITTEE: Alafaya Utilities, Inc.
 200 Weathersfield Avenue
 Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
 EXPIRATION DATE: January 15, 2003
 FACILITY I.D. NO.: FLA011074

2. The following monitoring wells shall be sampled quarterly:

Well Name	Monitoring Location Site Number	WAFR Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
Percolation Ponds						
MW-1A	3048A13776	6963	15'	Shallow	Background	Existing
MW-1B	3048A13777	6962	25'	Shallow	Background	Existing
MW-2	3048A13779	6961	15'	Shallow	Compliance	Existing
MW-3	3048A13780	6960	15'	Shallow	Compliance	Existing
MW-4	3048A13778	6959	15'	Shallow	Intermediate	Existing
MW-5	3048A13781	6958	15'	Shallow	Compliance	Existing
MW-6	3059A14120	6955	15'	Shallow	Compliance	Existing
MW-7	3059A14121	6954	15'	Shallow	Background	Existing
MW-8A	3059A14118	6957	15'	Shallow	Background	Existing
MW-8B	3059A14119	6956	30'	Shallow	Background	Existing
MW-9	3059A14122	6953	15'	Shallow	Compliance	Existing
MW-10	3059A14123	6952	15'	Shallow	Compliance	Existing
MW-11	3059A14917	6951	25'	Shallow	Compliance	Existing
MW-12	3059A14918	6950	15'	Shallow	Compliance	Existing
MW-13	3059A14919	6949	25'	Shallow	Compliance	Existing
MW-14	3059A14920	6948	15'	Shallow	Background	Existing
Ekana Golf Course						
MW-1	3059A15208	6947	10.16'	Shallow	Compliance	Existing

3. The following monitoring wells shall not be sampled until further notice:

Well Name	Monitoring Location Site Number	WAFR Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
Ekana Golf Course						
MW-2	3059A15209	6946	9.95'	Shallow	Background	Existing
MW-3	3059A15210	6945	12'	Shallow	Compliance	Existing
MW-4	3059A15211	6944	12.8'	Shallow	Compliance	Existing
MW-5	3059A15212	6943	11.21'	Shallow	Compliance	Existing
MW-6	3059A14272	6942	15.3'	Shallow	Compliance	Existing

4. The following parameters shall be analyzed quarterly for each of the monitoring well(s) identified in Item III. 2.:

- a. Water level (field measurement), b. Nitrate (as N), c. Chloride,
- d. Total dissolved solids, e. Fecal Coliform, f. pH, and g. Turbidity

[62-522.600(11)(b), 4/1/94] [62-601.300(3), 62.601.700, and Figure 3 of 62-601]

5. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 11-29-94]

6. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with April, July, October and January DMR's for each year during the period of operation allowed by this permit. [62-522.600(10) and (11)(b), 4/14/94] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18), 11-29-94]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

7. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5), 5-31-93]
8. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before purging wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NVGD) at a precision of plus or minus 0.1 foot. [62-610.412(2), 1/9/96]
9. Analyses shall be conducted on un-filtered samples, unless filtered samples have been approved by the Department as being more representative of ground water conditions. [62-4.070(3), 7-4-95]
10. If a monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department with a written report within seven days detailing the circumstances and remedial measures taken or proposed to be taken. Replacement of monitoring wells shall be approved in advance by the Department. [62-4.070(3), 7-4-95]
11. Note: the facility is not required to provide an annual summary report of ground water monitoring data.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins

1. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23), 4-14-94] [62-522.400 and 62-522.410, 4-14-94]
2. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518, 1-9-96]
3. The annual average hydraulic loading rate shall be limited to a maximum of 1.9 inches per day (as applied to the entire bottom area). [62-610.523(3), 1-9-96]
4. Rapid infiltration basins, or trenches normally shall be loaded for 1-7 days and shall be rested for 5-14 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4), 1-9-96]
5. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7), 1-9-96]
6. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414, 1-9-96]
7. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence as an abnormal event. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9), 1-9-96]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

Part III Public Access System(s)

8. This reuse system includes the following major users (i.e., using 0.1 mgd or more of reclaimed water):

User Name	User Type	Capacity (MGD)	Acreage
Ekana Golf Course	Golf Courses	0.100	114
Reuse Service Area	Residential Developments	0.435	194
Total		0.535	308

[62-610.800(5), 1-9-96][62-620.630(10)(b), 11-29-94]

9. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. For major users of reclaimed water (i.e., using 0.1 mgd or more), the zone of discharge shall extend horizontally 100 feet from the application site or to the user's property line, whichever is less, and vertically to the base of the surficial aquifer. For other users, the zone of discharge shall extend horizontally to the boundary of the general service area identified in the attached map and vertically to the base of the surficial aquifer. [62-520.200(2), 4-14-94] [62-522.400 and 62-522.410, 4-14-94]
10. The treatment facilities shall be operated in accordance with the approved operating protocol. Only reclaimed water that meets the criteria established in the approved operating protocol may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol shall be directed to the following permitted alternate discharge system: restricted public access percolation ponds (R001) or the reject water storage tank for retreatment. The operating protocol shall be reviewed and updated periodically (at least once each year) to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's Central District Office for review and approval. [62-610.320(6) and 62-610.463(2), 1-9-96]
11. Cross-connections to the potable water system are prohibited. [62-610.469(7), 1-9-96]
12. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. [62-610.469(7), 1-9-96]
13. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. [62-610.469(7), 1-9-96]
14. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. [62-610.471(3), 1-9-96]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

15. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. [62-610.471(1), (2), (3), and (7), 1-9-96]
16. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. [62-610.469(4), 1-9-96]
17. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. [62-610.471(6), 1-9-96]
18. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. [62-610.471(8), 1-9-96]
19. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. [62-610.468(2), 1-9-96]
20. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414 and 62-610.464, 1-9-96]
21. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence as an abnormal event. Adequate freeboard shall be maintained at the Ekana Golf Course reclaimed water holding pond to preclude any overflows. The provisions of Rule 62-610.880(9), F.A.C., shall be met. [62-610.800(9), 1-9-96]
22. New major users of reclaimed water (i.e., using 0.1 mgd or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. [62-610.890, 4-2-94]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of operators certified in accordance with Chapter 61E12-41, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category I Class B facility and, at a minimum, operators with appropriate certification must be on the site as follows: A Class C or higher operator 16 hours/day for 7 days/week. The lead/chief operator must be a minimum Class B, and must be on-site for eight (8) hours per day for five (5) days per week, provided a lead/chief operator, or a backup lead/chief operator, is available by phone or pager during weekends and/or holidays and must be capable of immediately responding to any emergency situation that may occur at the plant. [62-699, 5-20-94] [62-620.630(3), 11-29-94] [62-699.311(3), 5-20-92] [62-610.462(2), 4-2-90]
2. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5), 6-8-93]
3. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1), 6-8-93]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

4. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
- Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - A copy of the current permit;
 - A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - A copy of the facility record drawings;
 - Copies of the licenses of the current certified operators; and
 - Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 11-29-94][61E12-41.010(1)(e), 11-02-93]

VI. SCHEDULES

1. The following construction schedule for the upgraded wastewater treatment facilities and high service pump station shall be followed, unless notification of a schedule revision is provided and acceptable to the Department. Reclaimed water distribution mains may be installed at any time during the active period of this permit.

Implementation Step		Completion Date
1	Preliminary Plans Complete	March 1, 1996
2	Final Plans and Specifications	120 days after PSC approval of the Reuse Project Plan
3	Financing	120 days after PSC approval of the Reuse Project Plan
4	Begin Construction	120 days after Final Plans & Specs are completed
5	End Construction	18 months after start of construction
6	Begin Public Access Reuse	60 days after constructed is completed
7	Operational Level Attained	60 days after constructed is completed

[62-620.450(3)(a), 11-29-94]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

2. The permittee shall provide a copy of the Public Service Commission (PSC) approval of the Reuse Project Plan, specified in the Schedule above, to the Department's Central District Office within fifteen (15) days of issuance by the PSC. [62-4.070(3), 7-4-95]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500, 11-29-94]

VIII. OTHER SPECIFIC CONDITIONS

1. The modified portions of the existing Part III reuse system shall not be placed in service for any purpose without written approval from the Department. For projects identified in the permit as being constructed in phases, written permission is only required for the first phase. Application for approval shall be made to the Department on DEP Form 62-610.300(4)(a)3, Application for Permission to Place a Public Access Reuse System in Operation. [62-610.800(7), 1-9-96]
2. Within six months after the upgraded facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.630(7), 11-29-94]
3. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5), 11-26-94]
4. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a), 1-9-96]
5. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. [62-600.410(8), 6-8-93]
6. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited. [62-604.130(3), 5-31-93]
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550, 5-31-93] [62-620.610(20), 11-29-94]
8. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

- b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
- c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
- d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4), 5-31-93]

9. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.514(20), 1-9-96] [62-610.464(4), 1-9-96] [and 62-600.410, 6-8-93]
10. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-7.540, 12-10-85]
11. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2), 11-29-94]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), 11-29-94]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2), 11-29-94]
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3), 11-29-94]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4), 11-29-94]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5), 11-29-94]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6), 11-29-94]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7), 11-29-94]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8), 11-29-94]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.[62-620.610(9), 11-29-94]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10), 11-29-94]

PERMITTEE: Alafaya Utility, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11), 11-29-94]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12), 11-29-94]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13), 11-29-94]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14), 11-29-94]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15), 11-29-94]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16), 11-29-94]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17), 11-29-94]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).

PERMITTEE: Alafaya Util. Co., Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

- b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
- d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health and Rehabilitative Services (DHRS) under Chapter 10D41, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 61E12-41, F.A.C.
- e. Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.

[62-620.610(18), 11-29-94]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19), 11-29-94]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20), 11-29-94]

PERMITTEE: Alafaya Utilities, Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21), 11-29-94]

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22), 11-29-94]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

PERMITTEE: Alafaya Util. Co., Inc.
200 Weathersfield Avenue
Altamonte Springs, FL 32714

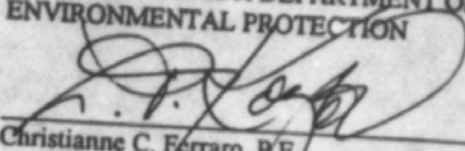
PERMIT NUMBER: FLA011074-01
EXPIRATION DATE: January 15, 2003
FACILITY I.D. NO.: FLA011074

- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23), 11-29-94]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION


Christianne C. Ferraro, P.E.
Program Administrator
Water Facilities

DATE: 2-3-98