#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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IN RE: Application of SANLANDO UTILITIES CORPORATION for approval of reuse project plan in Seminole County, Florida. )



# AMENDED APPLICATION FOR APPROVAL OF REUSE PROJECT PLAN

Applicant, SANLANDO UTILITIES CORPORATION, by and through its undersigned attorneys and pursuant to Section 367.0817, Florida Statutes and Commission Order No. PSC-00-0112-PAA-SU, files this amended application for approval of a reuse project plan, and in support thereof states:

The name and address of the applicant is: 1.

> Sanlando Utilities Corporation 2335 Sanders Road Northbrook, Illinois 60062-6440

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

> Martin S. Friedman, Esquire Rose, Sundstrom & Bentley, LLP 2548 Blairstone Pines Drive Tallahassee, Florida 32301

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3. The reuse project is recommended by Section 403.064, Florida Statutes, and is required by SJRWMD Consumptive Use Permit No. 2-117-0006UR2 and DEP wastewater treatment plant operating permit No. FL0036251-001. Sanlando has all required permits from FDEP, except for the interconnection to the City of Altamonte Springs, which is not expected to be a problem.

4. Sanlando intends to enter into an agreement with the City of Altamonte Springs, Florida whereby Sanlando will interconnect with the City's reuse system. Sanlando also intends to offer reuse service to two golf courses, to two homeowners' associations for irrigation of common areas, and a commercial nursery which is in close proximity to the proposed reuse line Sanlando will construct from its Wekiva Hunt Club wastewater treatment plant to the point of interconnection with the City's reuse system. A copy of the agreement between Sanlando and the City is attached hereto as Exhibit "A".

5. The projected capital costs associated with the reuse project are set forth as Exhibit "B" hereto.

6. The projected operating costs associated with the reuse project are set forth as Exhibit "C" hereto.

7. Sanlando does not presently propose to recover the cost of the reuse project through rates. However, the investment will

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eliminate any question of overearnings which is pending before the Commission in Docket No. 980670-WS.

8. It is expected that construction will commence in June, 2000 with the project to be completed by the end of 2001.

Respectfully submitted on this 10<sup>th</sup> day of March, 2000, by:

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

MARTIN S. FRIEDMAN

sanlando\reuse\amended.app

#### CERTIFICATE OF SERVICE

I HEREBY CERTIFY that copies of the foregoing Application were delivered via U.S. Mail to St. Johns River Water Management District, Highway 100 West, P.O. Box 1429, Palatka, Florida 32178-1429, Louie Damiani, 113 West Wyndham Court, Longwood, Florida 32779, Jennifer Brubaker, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399 and to Office of Public Counsel, c/o The Florida Legislature, 111 West Madison St., #812, Tallahassee, Florida 32399-1400 on this day of March, 2000.

IN S.

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12-09-1999 1:56PM

FROM ALTAMONTE SPRINGS 407 830 4421



# CITY OF ALTAMONTE SPRINGS

225 NEWBURYPORT AVENUE ALTAMONTE SPRINGS, FLORIDA 32701

December 9, 1999

Jerry Salsano **Utilities Engineer** 

Fax: 407-869-6961

RE: Reuse Water Agreement

Dear Mr. Salsano:

It is my understanding that you have not reviewed the final draft of the agreement. Attached is the final draft that was approved by the City Commission at the December 7, 1999, meeting. If Sanlando Utilities, Inc. is in agreement with the terms, please have the designated authority sign and return the agreement, to my attention.

If you have any questions you may contact me at 407-830-3909.

Sincerely,

Patsy Wainright

**City Clerk** 



#### REUSE WATER AGREEMENT

THIS AGREEMENT, made this \_\_\_\_\_\_ day of \_\_\_\_\_\_. 1999, by and between SANLANDO UTILITIES CORPORATION, hereinafter referred to as "Sanlando", and the CITY OF ALTAMONTE SPRINGS, FLORIDA, a municipal corporation organized and existing under the laws of the State of Florida, hereinafter referred to as "City".

# WITNESSETH:

WHEREAS, the City owns and operates wastewater treatment and disposal facilities, which include, but are not limited to, treatment, transmission, and reclaimed water (PROJECT APRICOT) facilities located in Seminole County, Florida; and

WHEREAS, Sanlando owns and operates wastewater treatment and disposal facilities which include, but are not limited to, the Wekiva Wastewater Treatment Plant, hereinafter referred to as the "Wekiva Plant", in Seminole County; and

WHEREAS, the City and Sanlando desire to enter into a joint reuse project, whereby Sanlando would produce a reclaimed water product at its Wekiva Plant, and would transmit a portion of that reclaimed water product to the City for the City's distribution to its reuse customers; and

WHEREAS, it is the intent of the City and of Sanlando, by means of said joint reuse project, to better protect and conserve environmental resources and to reduce groundwater withdrawals by the City as well as surface water discharges by Sanlando; and

WHEREAS, the parties hereto have previously entered into agreements for wholesale sewage treatment and have established a good working relationship, and it is the desire and intent of the parties to leave said agreements in place, and to enter into this new agreement, as hereinafter described, to implement and facilitate a joint reuse project.

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NOW, THEREFORE, in consideration of the premises and the covenants of each party for the benefit of the other set forth below, the parties hereto agree as follows:

1. Sanlando requests the City to receive, and the City agrees to receive, up to 1,400,000 gallons (1.4 mgd), annual average daily quantity of reclaimed water product from the Wekiva Plant for distribution to the City's customers. It is agreed and understood between the parties that the exact quantity of reclaimed water product to be delivered by Sanlando to the City will be dependent upon the available supply of Sanlando reclaimed water at the point of connection and the demand for reclaimed water exerted by the City's reuse customers. It is, further, agreed and understood between the parties that Sanlando must first obtain all Florida Department of Environmental Protection and other applicable agency permit approvals, and must construct plant modifications to upgrade the Wekiva Plant to produce a reclaimed water product meeting all state and federal regulations. It is, further, agreed and understood between the parties that Sanlando must first construct transmission facilities so as to connect the Wekiva Plant to the City's Project Apricot reclaimed water distribution system . Sanlando, agrees to take all actions necessary to effectuate the transmission of the reclaimed water product to the City no later than January 1. 2002.

2. The City and Sanlando agree that Sanlando shall, at its sole cost and expense, obtain permitting for and construct the plant modifications necessary to produce a reclaimed water product at its Wekiva Plant of quality meeting all state and federal regulations for the intended unrestricted public access reuse, and so as to not cause contamination or disruption of the City's reclaimed water operations or violation by the City of its permits or applicable state or federal standards.

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Sent By: Utilities Inc. FL.; Received: 12/ 0/00 1:02PM; 12-09-1999 1:57PM FRC

3. The City and Sanlando agree that Sanlando shall, at its sole cost and expense, design, obtain necessary permits for, and construct a reuse transmission main from the Wekiva Plant to the agreed point of interconnection to the City's reclaimed water distribution system located on Sand Lake Road, east of the Forest City Elementary School and across from Lake Brantley High School. The parties, further, agree that Sanlando shall, at its sole cost and expense, and upon prior written approval from the City, prepare all plans and specifications for all instrumentation housings, meters, fittings and valves needed for interconnection to the City's system, together with electrical service and sanitary sewer service to the instrumentation building.

4. The City and Sanlando agree that the reclaimed water main located east of the meter at the interconnection point will, after construction by Sanlando be owned, operated and maintained by the City. The parties, further, agree that the City shall, at the City's sole cost and expense, own and maintain telemetry equipment and controls at the Wekiva Plant and own and maintain, at the receiving end of the interconnection point, a building with instrumentation related telemetry equipment and controls. The construction cost of the telemetry equipment and instrumentation housing required by the City will be reimbursed by the City to Sanlando based on the Engineer's Estimate of probable construction cost, a copy of which is set forth as Exhibit "A", attached hereto and incorporated herein. In the event that the actual line item costs for the telemetry equipment and instrumentation housing required by the City shall be responsible for reimbursing Sanlando the total costs to install said equipment based on the final approved pay request at contract completion.

5. The City and Sanlando agree that there is no contemplated rate which must be

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12-09-1999 1:58PM FROM ALTAMONTE SPRINGS 407 830 4421

paid by either the City or Sanlando for this transfer of reclaimed water, and that each party will bear its own costs. The parties acknowledge that the final decision with respect to Sanlando's rates rests with the Florida Public Service Commission, but that the PSC has, to date, indicated that there will be no rate charged. The parties, further, agree that, if a charge is ultimately required by the PSC, and that charge exceeds fifty (50) percent of the then current cost of the City's least expensive supplemental source, as determined by the City, then, in that event, the City may, at its option, reopen negotiations on this Agreement, and either modify the Agreement by mutual consent of the parties, or, in the City's sole discretion, terminate this Agreement upon two (2) years written notice.

6. The City and Sanlando agree that Sanlando shall make holding and disposal provision at its Wekiva Plant for wet weather conditions, and that the City shall not be obligated to accept reclaimed water product from Sanlando if the City determines that by doing so the City's discharge to the Little Wekiva River would be increased. The City and Sanlando, further, agree that the City shall retain the sole discretion as to whether to accept reclaimed water from the Wekiva Plant, based on the integrity of the City's system and the City's plan of operation; provided however, the City agrees to provide Sanlando prompt verbal notice of the City's intention to close off or reopen the interconnection.

7. Sanlando hereby grants to the City the right of access at all times to observe, inspect and maintain the City's telemetry and other equipment at Sanlando's Wekiva Plant, as well as the right of access at reasonable times to observe and inspect the plant, records, meters and transmission facilities of Sanlando related to the subject of this Agreement.

8. Any notice to be given to Sanlando or the City by the other party shall be sent

 

 Sent By: Utilities Inc. FL.;
 4078696961;
 Mar-9-00 11:53AM;

 Received: 12/ 9/99 1:03PM;
 407 830 4421 -> Utilities Inc. FL.;
 Page B

12-09-1999 1:58PM FROM ALTAMONTE SPRINGS 407 830 4421

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by either hand delivery, registered or certified mail to the respective addresses shown below. Either party may change its notice address by giving proper written notice to the other as provided herein:

# If to the City:

City of Altamonte Springs City Hall, 225 Newburyport Avenue Altamonte Springs, FI 32701 Attention: Director of Public Works

### With a copy to:

**City of Altamonte Springs** City Hall, 225 Newburyport Avenue Altamonte Springs, FI 32701 Attention: City Attorney

# If to Sanlando:

Sanlando Utilities Corporation 200 Weathersfield Avenue Altamonte Springs, FI 32714 Attention: Donald Rasmussen, Vice President

#### With a copy to:

Sanlando Utilities Corporation 2335 Sanders Road Northbrook, II 60062 Attention: Andy Dopuch

9. The TERM of this Agreement shall be ten (10) years. This Agreement shall be automatically renewed thereafter for successive ten(10) year renewal terms unless either party gives written notice to the other not less than two(2) years prior to the expiration of the then current term that the party is terminating the Agreement at the end of the term. The option to terminate may not be exercised by the City if the City shall then have

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outstanding bonds, notes or other obligations pledging revenues that would otherwise be jeopardized by termination.

10. This Agreement is contingent upon a resolution acceptable to Sanlando of the Sanlando overearnings PSC docket and approval by the Florida Public Service Commission.

11. The terms and conditions of this Agreement and all Exhibits thereto constitute the entire agreement between the parties in respect to the subject matter hereof and supersede all previous communications, representations or agreements, whether oral or written, between the parties. No agreement or understanding, amending, varying or waiving any provision of this Agreement, will be binding upon either party unless in writing and signed by duly authorized representatives of both parties specifically referring to this Agreement.

12. In the event that either party is prevented by a force majeure event from performing its obligations hereunder, said party shall promptly provide written notice to the other party specifying the reason therefor, whereupon that party's obligations shall be reduced to the extent its performance is adversely affected by such force majeure event. Both parties shall use their best efforts to resume full performance as promptly as possible and shall suspend or reduce its performance only for such a period of time as is necessary as a result of such force majeure event. If a force majeure lasts more then 30 days, either party shall have the right to terminate this Agreement upon written notice to the other party. Force Majeure means the following act(s), event(s) or occurrence(s), to the extent such act(s), event(s) or occurrence(s) prevent performance of this Agreement, whether foreseen or unforeseen: Acts of God, war (declared or undeclared), riot, revolution, freight

Approved as to form and legality on behalf of the City: 7

embargoes, fires, sabotage, or a breaking of or accidents to machinery or equipment caused by an Act of God, provided that any such act, event or occurrence resulting from the acts, omissions or negligence of the party to this Agreement alleging Force Majeure shall not constitute Force Majeure.

13. In the event it shall be necessary to enforce any provision of this Agreement by judicial or administrative proceedings, the prevailing party shall be entitled to an award of attorneys fees and costs. Any provision of this Agreement which is prohibited or unenforceable under any law shall be ineffective to the extent of such prohibition or unenforceability, without invalidating the remaining provisions hereof.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers as of the day and year first written above.

CITY OF ALTAMONTE SPRINGS, FLORIDA

City Attomey	Mayor
Attest: City Clerk	
City Clerk	
	SANLANDO UTILITIES CORPORATION
	Ву:
Attest:	na
D; CJENALTAMONTVAGREEMENISANLANDO, USE(Decorator 7, 1999)	

March 3, 2000

Jerry M. Salsano, P.E. Regional Manager Utilities Inc. of Florida 200 Weathersfield Avenue Altamonte Springs, FL 32714



CPH Engineers, Inc. 1117 E. Robinson St., Suite C Orlando, FL 32801 Phone: (407) 425-0452 Fax: (407) 648-1036 www.cphengineers.com

RE: Sanlando Reclaimed Water System Expansion CPH Project No.: S1646

Dear Jerry:

As you requested, for the purpose of regulatory filing we have provided the following summary of the Sanlando Utilities Reclaimed Water System Expansion project.

Sanlando Utilities is planning to construct improvements to their Wekiva Hunt Club Wastewater Facility in order to provide beneficial reclaimed water to several local users. The local users include two golf courses, common area irrigation by two homeowners associations and a commercial nursery. This project will also interconnect the Sanlando reclaimed system with the City of Altamonte Springs reuse system. Altamonte Springs periodically has reclaimed water shortages. The construction of this interconnection will help Altamonte Springs meet its reclaimed demands without depending as heavily on potable water supplementation.

The project consists of two Contracts. Contract A includes all the improvements at the treatment facility, including a chlorine contact chamber, transfer and distribution pump stations, two - three million gallon storage tanks, and the associated controls and electrical improvements. Contract B includes the transmission lines required to distribute the reuse water to the users in the area. The pipe routes run in three separate directions from the facility site and are split into three phases for clarity. Phase 1 runs from the facility site to the Wekiva Golf Club. This route includes connections to the Wekiva Hunt Club Community Association and Condo Association landscape irrigation systems. Phase 2 runs from the facility site to the Trophy Club Golf Course. Phase 3 runs from the facility site past the Lake Brantley Plant Corporation along the way to the interconnection with Altamonte Springs.

We currently have an FDEP permit for all of the work described above with the exception of the interconnection with Altamonte Springs. A permit application for a substantial modification must be filed and approved by FDEP. We can proceed with the construction of the other work while we are in the permitting process for the Altamonte Springs interconnection.

Plans for Contract A are approximately 90% complete and plans for Contract B are approximately 60% complete at this time. The designs are expected to be completed and ready for bid by the beginning of May. The construction of the Altamonte Springs interconnection will be bid as an additive item to the Contract B pending approval by FDEP.

If you have any questions regarding this project please contact Steve Romano or myself at (407) 425-0452. Thank you.

Sincerely, CPH Engineers, Inc.

Terry M. Zaudtke, P.E., DEE Executive Vice-President



SANFORD • ORLANDO • DELAND • PALM CITY • CAPE CORAL • JACKSONVILLE

#### SANLANDO UTILITIES CORPORATION WEKIVA WWTF RECLAIMED WATER IMPLEMENTATION PROJECT OPINION OF PROBABLE PROJECT COSTS

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	UNIT	UNIT COST	QUANTITY	COST
Route Work				
Wekiva Connection				
12" PVC	LF	\$30.00	3,500	\$105,000.00
12"DIP	LF	\$30.00	500	\$15,000.00
8" PVC	LF	\$17.00	2,000	\$34,000.00
4" PVC	LF	\$10.00	1,100	\$11,000.00
12" Directional Bore on Golf Course	LF	\$150.00	1,000	\$150,000.00
12" Directional Boring	EA	\$750.00	7	\$5,250.00
12" Gate Valves	EA	\$1,500.00	3	\$4,500.00
8" Gate Valves	EA	\$750.00	1	\$750.00
6" Gate Valve	EA	\$500.00	2	\$1,000.00
4"Gate Valve	EA	\$350.00	3	\$1,050.00
8" Connections	EA	\$500.00	2	\$1,000.00
Booster Pump Station	EA	\$60,000.00	1	\$60,000.00
4" Backflow Preventers	EA	\$3,000.00	3	\$9,000.00
6" Backflow Preventers	EA	\$4,000.00	2	\$8,000.00
8" Flow Meter	EA	\$6,250.00	2	\$12,500.00
6" Flow Meter	EA	\$5,500.00	2	\$11,000.00
4" Flow Meter	EA	\$4,500.00	3	\$13,500.00
12" Bore and Jack	LF	\$225.00	150	\$33,750.00
Golf Course Restoration	SY	\$15.00	800	\$12,000.00
Subtotal		\$10.00	000	\$488,300.00
				φ+00,000.00
Sabal Point Connection				
12" PVC ·	LF	\$30.00	7,600	\$228,000.00
12" DIP -	LF	\$30.00	500	\$15,000.00
12" Gate Valve	EA	\$1,500.00	3	\$4,500.00
12" Bore and Jack	LF	\$175.00	250	\$43,750.00
12" Directional Boring	EA	\$750.00	4	\$3,000.00
Connection & Misc.	LS	\$10,000.00	1	\$10,000.00
12" Flow Meter	EA	\$9,000.00	1	\$9,000.00
Subtotal	24	\$3,000.00		\$313,250.00
ousiolar				\$313,230.00
Lake Brantley Plant Corp.				
16" PVC	LF	\$42.00	2,500	\$105,000.00
16" Gate Valve	EA	\$3,300.00	3	\$9,900.00
8" Gate Valve	EA	\$750.00	1	\$750.00
8" Flow Meter	EA	\$6,250.00	1	\$6,250.00
Subtotal				\$121,900.00
Altamonte Springs Interconnect				
16" PVC	LF	\$42.00	9,500	\$399,000.00
16" Gate Valve	EA	\$3,300.00	9,500	\$19,800.00
16" Directional Boring	EA	\$1,000.00	12	\$12,000.00
6" Backflow Preventers	EA	\$4,000.00	12	\$4,000.00
6" Gate Valve	EA	\$500.00	1	\$500.00
			1.00	
6" Flow Meter Connection	EA	\$5,500.00	1	\$5,500.00 \$500.00
	EA	\$500.00		
Interconnect Building	SF	\$100.00	150	\$15,000.00
Building Electrical and Controls	LS	\$20,000.00	1	\$20,000.00
Valves and Operators	LS	\$15,000.00	1	\$15,000.00
16" flow meter	EA	\$15,750.00	1	\$15,750.00
Subtotal				\$507,050.00
Mobilization	LS		1	\$240,000.00
20" DIP Main Line	LS	\$55.00	500	\$27,500.00
Driveway	EA	\$700.00	500	\$27,500.00
Sidewalk	LF	\$23.00	9,000	\$207,000.00
Fittings				
Sod	TN	\$7,000.00	12	\$84,000.00
The second s	SY	\$3.25	10,000	\$32,500.00
Seed and Mulch	SY	\$1.00	30,000	\$30,000.00
Testing	LS	\$7,500.00	1	\$7,500.00
Subtotal				\$663,500.00
Contingency		15.00%		\$214 100 00
Subtotal for Route Work		15.00%		\$314,100.00 \$2,408,100,00
Subtotal for Route WORK				\$2,408,100.00

### SANLANDO UTILITIES CORPORATION WEKIVA WWTF RECLAIMED WATER IMPLEMENTATION PROJECT OPINION OF PROBABLE PROJECT COSTS

Regulatory Fees				
Inspection		2.30%		\$32,999.25
Bore & Jack	EA	\$99.00	17	\$1,683.00
Longit. Cuts (1)	100FT	\$8.00	100	\$800.00
Operations Permit Modification	EA	\$5,000.00	1	\$5,000.00
Subtotal for fees				\$40,482.25
Plant Improvements				
Mobilization and Bond	LS		1	\$300,000.00
Chlorine Contact Chamber	EA	\$100,000.00	1	\$100,000.00
Transfer Pump Station	EA	\$90,000.00	1	\$90,000.00
Distribution Pump Station	EA	\$150,000.00	1	\$150,000.00
3 MG Storage Tank	EA	\$600,000.00	2	\$1,200,000.00
400 kW Generator	EA	\$100,000.00	1	\$100,000.00
Electrical Building	SF	\$100.00	800	\$80,000.00
Controls and Misc. Electrical	LS	\$450,000.00	1	\$450,000.00
Site Piping and Valving	LS	\$75,000.00	1	\$75,000.00
Site Grading	LS	\$75,000.00	1	\$75,000.00
Site Landscaping and Restoration	LS	\$10,000.00	1	\$10,000.00
Contingency		15.00%		\$349,500.00
Subtotal for Plant Improvements		12 192 192 193 AM 1930 M		\$2,979,500.00
Engineering Services				
Design Services				
Engineering	LS	\$103,559.00	1	\$103,559.00
Soils	LS	\$18,155.50	1	\$18,155.50
Surveying	LS	\$34,980.00	1	\$34,980.00
Electrical	LS	\$52,800.00	1	\$52,800.00
Construction Administration	LS	\$33,566.00	1	\$33,566.00
Resident Project Representation	LS	\$130,000.00	1	\$130,000.00
Electrical Construction Administration	LS	\$30,000.00	1	\$30,000.00
Subtotal for Engineering Services				\$403,060.50
TOTAL				\$5,831,000.00

(1) Only includes cuts made in the right-of-way

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# Wekiva WWTF 100% Reuse System Projected Operation, Maintenance, & Repair Cost Adjustments, Annual Totals

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Labor		
1.75 each Double certified operators @ \$30k/yr + 25% taxes/benefits.	65,625	
1.75 each Single certified operators @ \$26k/yr + 25% taxes/benefits.	56,875	
3 each Operator trainees @ \$21k/yr + 25% taxes/benefits	78,750	
SUBTOTAL		201,250
Vehicle Costs		91 1 4 3 1 5 8 <b>37</b> 9 1 19 1 5 1 1 1
6.5 Additional trucks @ \$7,500/year, depreciation, O&M, taxes, insurance.	48,750	
SUBTOTAL		48,750
Chemicals		
Sulfur Dioxide will decrease substantially, dechlorination not required for		
reuse water. \$120.10/cylinder x 5.5 cylinders/mo. x 12 months.	(6,738)	
Chlorine usage will increase slightly to meet the permit's minimum		
requirements. \$610/cylinder x 1.5 cylinders/mo. x 12 months x 10%	1,098	
SUBTOTAL	1000 <b>•</b> 000 <b>1</b> 000 •000	(5,640)
Power Bills		
New transfer & high service pump stations, lighting, controls, telemetry.		
Annual power bill @ Des Pinar WTP = \$65,676 producing 3.645 MGD using		
450 Hp. Reuse plant flow = 2.016 MGD using 570 Hp.	46,011	
New Booster Pump Stn. @ Wekiva G. C. (2) 10 Hp pumps @ 4 hr./day @		
\$.08/kw	1,743	
Emergency generator, 400 KW fuel consumption, 35 gal/hr x 100 hr/yr. x		
\$1.60/gal diesel fuel.	5,600	
SUBTOTAL		53,354
Monitoring & Lab Expenses		
Golf course monitoring wells, 2 courses, 8 wells/gc x 4 sample/yr. x		
\$150/sample	9,600	
Perc pond monitoring wells, 4 wells x 4 samples/yr. x \$150/sample.	2,400	
Operation, maint. & repair of new flow meters, samplers, pH meter,		
analyzers. \$50/hr x 2 hr/repair x 6 visits/yr. + replacement parts & mat.	3,100	
Increased sampling frequency for Fecal Coliform, 6 days/wk x 52 wk/yr. x		
\$8/analysis.	2,496	
Increased sampling frequency for TSS, 52 wk/yr. x 6 days/wk x \$15/sample.	4,680	
SUBTOTAL		22,276
Equipment Maintenance & Repair		
Maintenance and repair of telemetry equipment, alarm system, pump station		
equipment, chlorination equipment, flow meters, control valves, and backflow		
preventers. 5% of \$477,000.	23,850	
\$500/Ac/yr.	925	
Maintenance & repair of structures incl. 2-3 MG ground storage tanks,	54.5 (S. 1997)	
chlorine contact tank, electrical bldg., roads and sidewalks, lighting. 2%/yr	25,800	
Maintenance & repair of 23,000 LF of 6"-20" transmission main, valves,		
fittings, vaults, sidewalks. 1% of \$3,826,000.	38,260	
Maintenance & repair of 400 KW generator. 2 PM visits/yr. + parts.	1,450	
SUBTOTAL		90,285
TOTAL		410,275

