

ORIGINAL RECEIVED

MEMORANDUM

APR 02 2001
Florida Public Service Commission
Division of Regulatory Oversight

To: Florida Public Service Commission
Attn: Patti Daniel

From: Resort Village Utility, Inc.
SGI Utility, LLC

Date: March 29, 2001

Docket: Docket No. 931111-SU-Application for certificate to operate wastewater utility in Franklin County by Resort Village Utility, Inc.

Docket No. 991812-SU-Application for transfer of Certificate No. 492-S in Franklin County from Resort Village Utility, Inc. to SGI Utility, LLC

Re: Supplemental Rate Information

RECEIVED-FPSC
01 APR -6 AM 9:25
REC'D FPSC AND
REPORTING

The purpose of this memorandum is to supply you with additional support for the proposed annual operating expenses of the Resort Village Utility, Inc. wastewater treatment plant. The expense accounts in the enclosed spreadsheet (on the enclosed floppy disc) were updated to coincide with these revised amounts.

1. Contractual Services - Operations - \$27,604. The DEP Permit for the treatment facility requires an extraordinary amount of on site testing and monitoring by a certified operator. A copy of the proposed renewal DEP Permit is attached. As shown on page 18, A Class C or higher operator is required for 6 hours per day for each weekend day and 6 hours a day for three week days. A visit to the facility is required for the remaining 2 days per week. The above figure was estimated by Mr. Harry Braswell of Coastal Water Management, Franklin County, Florida. Mr. Braswell is a Class A certified waste water treatment plant operator (no. 1009) who currently operates the Apalachicola treatment plant and two private plants on St. George Island. His estimate was based on a review of the requirements of the DEP Permit.

2. Contractual Services - Sludge Hauling and Analysis - \$5,000. As can be seen from page 8 of the DEP Permit, sludge must be transported to a Class I or II landfill. This amount was furnished by Harry Braswell based on a verbal proposal from Bay Environmental, which operates a certified landfill in Panama City.

3. Contractual Services - Testing and Lab Fees - \$4,500 - The reclaimed water and other effluent testing is specified in the DEP Permit. This amount was also estimated by Harry Braswell after talking with WaterSpigot, a testing company.

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04271 APR-60

FPSC-RECORDS/REPORTING

4. Contractual Services - Monitoring - \$17,980. As can be seen from the DEP Permit, a considerable amount of monitoring of the surrounding property, marshes and water is required. This amount was quoted by Mr. Dan Garlick of Garlick Environmental Associates, Inc. A copy of Mr. Garlick's letter is attached.

5. Chemicals - \$6,750. This amount was furnished by Harry Braswell.

6. Electrical Power - \$5,500. This is strictly an estimate. For comparison purposes, the electricity needed to operate the pumps and lights of the adjacent swimming pool and grounds in 2000 was \$5,444.

7. Insurance - \$3,000. This is based on a letter from our insurance agent, Risk Management Associates. A copy of the letter is enclosed.

8. Property Taxes - \$5,939. This amount was estimated by multiplying an estimate of the assessed property value after completing the plant (\$450,000) by the 2000 composite property tax millage rate (including all taxing authorities) for other real property at the Resort Village (0.013198).

9. Contractual Services - Administrative Services - \$1,750. Accounting services - \$500 to prepare checks and maintain the books, \$750 for preparation of tax returns, and \$500 for preparation of the PSC annual report.

10. Contractual Services - Maintenance of Plant - \$3,000. This is an estimate for annual maintenance and repairs of the plant.

11. Administrative Fees - \$500. This is an estimate of annual fees paid to the Secretary of State, DEP and Franklin County.

As we discussed during our last meeting, the land cost reflected on the utility's books and records is the actual cost of the land which is occupied by the wastewater plant, calculated as of the date this land was sold to the utility, which is also the date when this land was first dedicated to public service. Since the transaction in question was not at arms length, the price was determined based upon an MAI appraisal. In any event, in an effort to minimize controversy and expedite processing of the requested ownership transfer and tariff approval, the utility is willing to calculate rates without including any land costs. Hence, the enclosed spreadsheet includes zero in the land account.

Enclosures:

- Copy of DEP Permit
- Copy of Dan Garlick Letter
- Copy of Insurance Letter
- Copy of Revised Spreadsheet (via floppy disc)



PROGRAM MANAGEMENT SERVICES

March 21, 2001

VIA FACSIMILE: (850) 422-1875

Phipps Ventures, Inc.
Mr. David Wilder
3110 Capital Circle NE
Tallahassee, FL 32308

RE: SGI Utility Waste Water Treatment Plant

Dear Mr. Wilder,

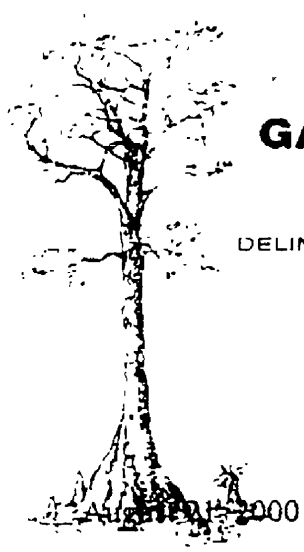
Per our conversation, I estimate the Property and General Liability coverage for SGI Utility Waste Water Treatment Plant located at St. George Island, Florida, to create an annual premium of approximately \$3000.

Should you have questions or need additional information, please do not hesitate to contact me.

Best regards

A handwritten signature in cursive script, appearing to read "Jason Purcell".

Jason Purcell



GARLICK ENVIRONMENTAL ASSOCIATES, INC.

SPECIALIZING IN REGULATORY ISSUES INCLUDING
REGULATORY PERMITS • WETLANDS/UPLANDS JURISDICTIONAL
DELINEATIONS • SUBMERGED LAND LEASES • ECOLOGICAL INVENTORY/ASSESSMENTS

Mr. Palmer
82 - 6th Street
Apalachicola, FL 32320

Re: Resort Village Monitoring Program on SGI / Franklin Co.
GEA, Inc. #00-Pending / Mon.

Dear Mr. Palmer:

As we discussed, I am attaching a prospectus on the monitoring program that was being conducted for Resort Village, until Ben sold his interest. GEA, Inc. can continue with the same program.

Essentially, the monitoring included groundwater, surface water, sediment and marsh sampling at various frequencies. The groundwater sampling was conducted once as a baseline and not repeated because of the delay in the installation of the AWTP. As well, surface water sampling was also discontinued. The sampling requires only a tri-annual sampling, whereas the marsh sampling has been conducted annually since 1997. Essentially, two more annual marsh samplings will be required, due by the end of September. Attached is a copy of the sampling sites which were provided to DEP through Gary Voleneck, the principal consultant regarding the AWTP. Mr. Voleneck appears to be still associated with the project. Please confirm since he is requesting the old data. I am attaching a copy of the sampling parameters, frequency of sampling and costs to due the sampling which includes lab fees. These are 1997 costs which still are current.

The initial sampling was conducted in 1997 for several parameters, some which were delayed because the AWTP was not installed, while the marsh sampling has been continued and is complete for the first three annual sessions. The quarterly groundwater and surface water samplings were delayed, as well as the annual sediment sampling. Also, every three years, sediment testing was to include polyaromatic hydrocarbons and total organic carbon. After the first three years of all sampling, then the sampling program would be conducted on a three year basis. Our proposal with Ben Johnson was through this year.

PO BOX 385
APALACHICOLA, FL 32329-0385
TEL (850) 653-8899
FAX (850) 653-9656

948 JENKS AVENUE
PANAMA CITY, FL 32401
(850) 873-7728
FAX (850) 873-7731

2414 MAHAN DRIVE
TALLAHASSEE, FL 32308
(850) 402-9886
FAX (850) 402-9887

Morris Palmer
August 21 2000
Pending-Mon / Pg 2

Mr. Voleneck has requested the former data and has the opinion that the full monitoring should be done again as shown for year 2000. Please advise me on your thoughts about this.

After review of the existing program, GEA, Inc. can continue with the projected costs of the monitoring program since our subcontractors have not increased their prices (i.e. Water Spigot lab). I have attached a copy of the projected parameters with their respective frequencies and costs. Please call me at your earliest convenience to discuss.

Sincerely,

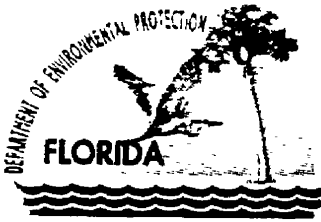


Dan Garlick
Garlick Environmental Associates, Inc.

DG:n

<u>2000</u>	<u>Parameter</u>	<u>Quote</u>	<u>Status</u>
1 st Quarter	Groundwater	\$1,680	
	Surface water	765	
	Sediment	3,420	
	Sediment (PAH pest TOC)	1,290	
	Env Tech /GEA, Inc.	550	
	Lab analysis/GEA, Inc.	300	
	Conference with DEP, client as necessary	Hourly	
<u>2000</u>			
2 nd Quarter	Groundwater	\$1,680	
	Surface water	765	
	Env. Tech./GEA, Inc.	550	
	Lab Analysis/GEA, Inc.	300	
<u>2000</u>			
3 rd Quarter	Groundwater	\$1,680	
	Surface Water	765	
	Env. Tech./GEA, Inc.	550	
	Lab Analysis/GEA, Inc.	300	
<u>2000</u>			
4 th Quarter	Groundwater	\$1,680	
	Surface water	765	
	Env. Tech./GEA, Inc.	550	
	Lab Analysis/GEA, Inc.	300	

17,670



Jeb Bush
Governor

Department of Environmental Protection

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEES:

Resort Village Utility, Inc.
Mr. Ben Johnson
President
2252 Killlearn Center Boulevard
Tallahassee, FL 32308

and

SGI Utility, LLC
Mr. David E. Wilder
Vice President
3110 Capital Circle, NE.
Tallahassee, FL 32308

FACILITY LD. NO: FLA010069-002-DW3P
PERMIT NUMBER: FLA010069
ISSUANCE DATE:
EXPIRATION DATE: January 3, 2006

Preliminary Draft

FACILITY:

St. George Island Resort Village WWTP
Franklin County
St. George Island, FL
Latitude: 29° 38' 31" N Longitude: 84° 54' 36" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. This permit is accompanied by a final order (Case No. 95-0867) executed on February 23, 1996. In addition, the permit has been modified to include the additional monitoring requirements of the revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County. 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:

A new 0.030 MGD maximum monthly average daily flow (MMADF) permitted capacity advanced wastewater treatment facility to serve Resort Village. The treatment plant will have provisions for pretreatment, equalization, nitrification, re-aeration, secondary clarification, denitrification, filtration, disinfection and digestion. Wet residuals will be transported to the City of Marianna's wastewater treatment plant for disposal.

The proposed permitting action is the issuance of a wastewater permit renewal to allow continued operation of the 0.030 MGD MMADF wastewater treatment facility with effluent disposal to a Part IV rapid-rate, absorption field land application system (R001) consisting of three (3) absorption beds.

"More Protection, Less Process"

Printed on recycled paper.

PERMITTEE: Resort Village Utility, Inc.
2252 Killearn Center Boulevard
Tallahassee, FL 32308

PERMIT NUMBER: FLA010069
EXPIRATION DATE: January 3, 2006

Preliminary Draft

REUSE:

Land Application: A new 0.090 MGD MMADF permitted capacity Part IV rapid-rate, absorption field land application system (R001) consisting of three (3) absorption beds. The Phase I reuse disposal system will consist of the following:

Area	Total Size (Acres)	Discharge Header	Discharge Size (Acres)	Application Rate (gpd/sf)
A	2.40	A-1	0.80	0.86
		A-2	0.80	0.86
		A-3	0.80	0.86
B	1.34	B-1	0.67	1.03
		B-2	0.67	1.03
C	1.26	C-1	0.63	1.09
		C-2	0.63	1.09

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Pages 1 through 25 of this permit.

PERMITTEE: Resort Village Utility, Inc.
 2252 Killlearn Center Boulevard
 Tallahassee, FL 32308

Preliminary Draft

PERMIT NUMBER: FLA010069
 EXPIRATION DATE: January 3, 2006

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning upon placing the new facilities into operation 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	-	0.030	-	-	5 Days/Week	Recording flow meters and totalizers	FLW-01	See Cond I.A.3 & 4.
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	5.0	6.25	7.5	10.0	Monthly	8-hour flow proportioned composite	EFF-01	
Total Suspended Solids	mg/L	Maximum	5.0	6.25	7.5	10.0	Monthly	8-hour flow proportioned composite	EFF-01	
pH	std. units	Range	-	-	-	6.0 to 8.5	5 Days/Week	Grab	EFF-01	
Fecal Coliform Bacteria	See Permit Condition I.A.5.						Monthly	Grab	EFF-01	See Cond I.A.5 & 6
Total Residual Chlorine (For Disinfection)	mg/L	Minimum		-	-	1.0	5 Days/Week	Grab	EFA-01	See Cond I.A.6
Total Nitrogen, as N	mg/L as N	Maximum	3.0	3.75	4.5	6.0	Monthly	8-hour flow proportioned composite	EFF-01	
Nitrogen, Total Kjeldahl as N	mg/L as N	Maximum	Report	Report	-	Report	Monthly	8-hour flow proportioned composite	EFF-01	
Nitrogen, Ammonia, Total as NH4	mg/L as NH4	Maximum	Report	Report	-	Report	Monthly	8-hour flow proportioned composite	EFF-01	
Phosphorus, Total as P	mg/L as P	Maximum	1.0	1.25	1.5	2.0	Monthly	8-hour flow proportioned composite	EFF-01	
Phosphate, Total as PO4	mg/L	Maximum	Report	Report	-	Report	Monthly	8-hour flow proportioned composite	EFF-01	
Nitrate (NO3)	mg/L	Maximum	Report	Report	-	12.0	Monthly	8-hour flow proportioned composite	EFF-01	

PERMITTEE: Resort Village Utility, Inc.
2252 Killlearn Center Boulevard
Tallahassee, FL 32308

PERMIT NUMBER: FLA010069
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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
FLW-01	Flow Meter
EFA-01	Post disinfection: Chlorine contact chamber
EFF-01	Reclaimed water discharged to the absorption bed system

3. The maximum monthly average daily flow to Reuse System R001 shall not exceed 0.030 MGD.
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 12-24-96]
5. Over a 30 day period, 75 percent of the fecal coliform values 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. [62-600.440(5)(f), 12-24-96]
6. A minimum of 1.0 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), 12-24-96]
7. The Department acknowledges the need of the St. George Island Resort Village to provide on-site facilities to accommodate up to 90,000 gpd of wastewater. The Department hereby permits the first phase of construction of those facilities, including 30,000 gpd of wastewater treatment capacity and 90,000 gpd of effluent disposal capacity. As such time as the St. George Island Resort Village needs to provide additional capacity to accommodate the development, the permittee shall submit a wastewater permit application to construct the next phase (s) of the wastewater treatment facility. (See Exhibits #1, #2, #3 and #5).
8. The 30,000 gpd wastewater treatment facility has been reviewed by the Department for design adequacy, and it has been determined to be consistent with current regulatory rules. Should changes to the regulatory rules require modification to the existing design of the next phase(s) of the wastewater treatment facility to expand 90,000 gpd, ultimately, the permittee will make such modifications to the construction drawings to accommodate such rule changes, applicable to the wastewater treatment plant and reuse site.

PERMITTEE: Resort Village Utility, Inc.
 2252 Killearn Center Boulevard
 Tallahassee, FL 32308

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B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning upon placing the new system into operation 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	
Carbonaceous Biochemical Oxygen Demand (5 day) <i>(Influent Monitoring)</i>	mg/L	Report	-	-	-	-	Monthly	8-hour flow proportioned composite	INF-25585	See Cond. I B 3
Total Suspended Solids <i>(Influent Monitoring)</i>	mg/L	Report	-	-	-	-	Monthly	8-hour flow proportioned composite	INF-25585	See Cond. I B 3

PERMITTEE: Resort Village Utility, Inc.
2252 Killlearn Center Boulevard
Tallahassee, FL 32308

PERMIT NUMBER: FLA010069
EXPIRATION DATE: January 31, 2006

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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-25585	Influent sample site

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), 12-24-96]
4. All flow measuring device(s) shall be calibrated at least annually. [62-601.200(17) and .500(6), 12-24-96]
5. Parameters which must be monitored as a result of a ground water discharge shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 10-23-00]
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), 12-24-96]
7. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified on the DMR forms attached to this permit. DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
Wastewater Facilities Regulation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

8. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantification limits), which is titled "Florida Department of Environmental Protection Table as Required by Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" dated June 21, 1996, is available from the Department on request. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- a) The laboratory's reported MDL and PQL values for the particular method must be equal to or less than the corresponding method values specified in the Department's approved MDL and PQL list;
- b) The laboratory reported PQL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are

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listed as "report only" in the permit shall use methods that provide a PQL, which is equal to or less than the applicable water quality criteria stated in 62-302 FAC; and

- c) If the PQLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest PQL shall be used.

Where the analytical results are below method detection or practical quantification limits, the permittee shall report the actual laboratory MDL and/or PQL value for the analysis that were performed following the instructions of the applicable discharge monitoring report. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. However, where necessary, the permittee may request approval for alternative methods for alternative MDLs and PQLs for any approved analytical method, in accordance with the criteria of Rules 62-160.520 and 62-160.530, F.A.C. [62-4.246, 10-22-00][62-160.520 and .530, 10-15-96

9. 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. The permittee shall report all unauthorized discharges of untreated or treated wastewater in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
1. Name, address, and telephone number of person reporting.
 2. Name, address, and telephone number of permittee or responsible person for the discharge.
 3. Date and time of the discharge and status of discharge (ongoing or ceased).
 4. Characteristics of the wastewater spilled or released (untreated or treated, industrial wastewater or domestic sewage).

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5. Estimated amount of the discharge.
 6. Location or address of discharge.
 7. Source and cause of the discharge.
 8. Whether the discharge was contained on-site, and cleanup actions taken to date.
 9. Description of area affected by the discharge, including name of water body affected, if any.
 10. Other persons or agencies contacted.
- c. 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.
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 Northwest District Office at the address specified below:

Florida Department of Environmental Protection
Northwest District Office
Water Facilities Program
160 Governmental Center
Pensacola, Florida 32501-5794

Phone Number - (850) 444-8300

FAX Number - (850) 444-8417 All FAX copies shall be followed by original copies.

11. Monitoring reports shall be submitted to the Apalachicola National Estuarine Research Reserve (ANERR) and Franklin County at the address specified below. For the first year of plant operation, reports to ANERR and Franklin County will be submitted no less frequently than monthly; thereafter, reports will be submitted no less frequently than quarterly.

Mr. Lee Edmiston
Department
Apalachicola National Estuarine Research Reserve
261 7th Street
Apalachicola, Florida 32320

Franklin County Planning & Zoning
33 Commerce Street
Apalachicola, Florida 32320

Phone Number - (850) 653-8063

Phone Number - (850) 653-8861

12. Within 90 days of placing the new wastewater facilities in operation, the permittee shall characterize the volume and composition of the reclaimed water or effluent discharge to ground waters. The initial DMR for the domestic wastewater treatment facility shall satisfy this requirement. The initial quarterly ground water monitoring report shall be deemed sufficient to characterize the receiving ground water at the monitoring well location(s). [62-522.600(11)(a), 8-21-00]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is land application or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5), 3-30-98]

PERMITTEE: Resort Village Utility, Inc.
2252 Killearn Center Boulevard
Tallahassee, FL 32308

PERMIT NUMBER: FLA010069
EXPIRATION DATE: January 3, 2006

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3. The permittee will not be held responsible for violations resulting from land application of residuals if the permittee can demonstrate that it has delivered residuals that meet the parameter concentrations and appropriate treatment requirements of this rule and the applier (e.g. hauler, contractor, site manager, or site owner) has legally agreed in writing to accept responsibility for proper land application of the residuals. Such an agreement shall state that the applier agrees, upon delivery of residuals that have been treated as required by Chapter 62-640, F.A.C., that he will accept responsibility for proper land application of the residuals as required by Chapter 62-640, F.A.C., and that the applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit.
[62-640.300(5), 3-30-98]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3 & 4, 3-30-98]*
5. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, F.A.C. *[62-640, 3-30-98]*
6. The domestic wastewater residuals for this facility are classified as Class B.
7. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(2) (Monitoring of Indicator Organisms) of Title 40 CFR Part 503, revised as of October 25, 1995. *[62-640.600(1)(b), 3-30-98]*
8. The permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in section 503.33(b)(1) ("Option 10" - Incorporate biosolids applied to or placed on the land surface within specified time periods after application to or placement on the land surface), of Title 40 CFR Part 503, revised as of October 25, 1995. *[62-640.600(2)(a), 3-30-98]*
9. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. *[62-640.400(8), 3-30-98]*
10. The permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every twelve (12) months.

Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Arsenic	75 mg/kg dry weight	36.6 pounds/acre

PERMITTEE: Resort Village Utility, Inc.
 2252 Killearn Center Boulevard
 Tallahassee, FL 32310

PERMIT NUMBER: FLA010069
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Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Cadmium	85 mg/kg dry weight	34.8 pounds /acre
Copper	4300 mg/kg dry weight	1340 pounds/acre
Lead	840 mg/kg dry weight	268 pounds/acre
Mercury	57 mg/kg dry weight	15.2 pounds/acre
Molybdenum	75 mg/kg dry weight	Not applicable
Nickel	420 mg/kg dry weight	375 pounds/acre
Selenium	100 mg/kg dry weight	89.3 pounds/acre
Zinc	7500 mg/kg dry weight	2500 pounds/acre
pH	(Report only) standard units	Not applicable
Total Solids	(Report only) %	Not applicable
Fecal Coliform	*2 X 10 ⁶ #/100 mL	Not applicable

*** Based on the geometric mean of 7 grab samples taken from the digester residuals discharge point at the time residuals are transported from the facility.

(62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), 3-30-98)

11. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. (62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), 3-30-98)
12. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. [62-640.650(1)(e), 3-30-98]
13. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Residuals shall not be distributed and marketed if the monthly average of sample results for any parameter exceeds the Class AA parameter concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. [62-640.650(1)(f), 3-30-98]
14. The permittee shall submit the results of all residuals monitoring with the permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. Copies of all applicable analytical reports shall be submitted with the monitoring results. [62-640.650(3)(a)&(e), 3-30-98]
15. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. [62-640.600(3)(b), 3-30-98]

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16. Plant nursery use of Class B residuals is limited to plants which will not be sold to the public for 12 months after the last application of residuals. [62-640.600(3)(b)1., 3-30-98]
17. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. [62-640.600(3)(b)2., 3-30-98]
18. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. [62-640.600(3)(b)6., 3-30-98]
19. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. [62-640.600(3)(b)3., 3-30-98]
20. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. [62-640.600(3)(b)4., 3-30-98]
21. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. [62-640.600(3)(b)5., 3-30-98]
22. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. [62-640.600(3)(b)7., 3-30-98]
23. Sod which will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. [62-640.600(3)(b)8., 3-30-98]
24. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. [62-640.600(3)(b), 3-30-98]
25. Residuals that do not meet the requirements of Chapter 62-640, F.A.C., for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. [62-640.400(7), 3-30-98]
26. Current Agricultural Use Plan(s) identify residuals landspreading on the following sites:

Site Name	Site Type (AG or LR)	Application Area (acres)	Site Location						
			County	Latitude			Longitude		
				DD	MM	SS	DD	MM	SS
Gulf County Farms	AG	333	Gulf	30	80	00	85	21	00

The wastewater treatment facility permittee shall apply for a minor permit revision on DEP Form 62-620.910(9) for new, modified, or expanded residuals land application sites. The facility's permit shall be revised to include the new or revised Agricultural Use Plan(s) prior to application of residuals to the new, modified, or expanded sites, unless all of the following conditions are met:

- a) The permittee notifies the Department within 24 hours that the site is being used;
- b) The site meets the site use restrictions of Rule 62-640.600(3), F.A.C., and the criteria for land application of residuals in Rule 62-640.700, F.A.C.;
- c) The permittee submits a new or revised Agricultural Use Plan for the site with a permit application in accordance with Rule 62-640.300(2), F.A.C., within 30 days of beginning use of the site;

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- d) ~~The permittee does not have another approved land application site, another approved disposal method (e.g. landfilling or incineration), or approved storage facilities available for use; and,~~
 - e) The permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the permittee's control.

[62-640.300(2)&(3), 3-30-98]

- 27. Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. *[62-640.750(2), 3-30-98]*
- 28. Residuals shall be applied with appropriate techniques and equipment to assure uniform application over the application zone. *[62-640.700(2)(c), 3-30-98]*
- 29. The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. *[62-640.700(2)(d), 3-30-98]*
- 30. Residuals storage facilities at land application sites shall be subject to applicable setback requirements for residuals application sites. Residuals stored at land application sites shall be stored in a manner that will not cause runoff or seepage from the residuals, objectionable odors, or vector attraction. Storage areas must be fenced or otherwise provided with appropriate features to discourage the entry of animals and unauthorized persons. At the time of application, the stored residuals must meet the parameter concentrations, pathogen and vector attraction reduction requirements, and cumulative application limits of this permit. Residuals storage facilities at land application sites may be used only for temporary storage of stabilized residuals for no more than 30 days during periods of inclement weather or to accommodate agricultural operations, or up to the period (not to exceed two years) specified in the Agricultural Use Plan. *[62-640.700(2)(e), 3-30-98]*
- 31. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f), 3-30-98]*
- 32. The pH of the residuals soil mixture shall be 5.0 or greater at the time residuals are applied. At a minimum, soil pH testing shall be done annually. *[62-640.700(5)(d), 3-30-98]*
- 33. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years:
 - a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone;
 - e. Cumulative loading of each application zone;
 - f. The names of all other wastewater facilities using each of the application zones identified in item c.;
 - g. Method of incorporation (if any);
 - h. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - i. Unsaturated depth of soil above the water table level at the time of application;

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- j. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - k. The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.

[62-640.650(2), 3-30-98]

34. The permittee shall submit an annual summary of residuals application activity to the Northwest District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones. *[62-640.650(3)(b), 3-30-98]*
35. If residuals that are subject to the cumulative loading limitations of Rule 62-640.700(3), F.A.C., have been applied to an application zone, and the cumulative loading amount of one or more of the pollutants is not known, no further applications of residuals may be made to that application zone. *[62-640.700(3)(f), 3-30-98]*
36. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. *[62-640.700(6)(a), 3-30-98]*
37. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. *[62-640.700(7)(a), 3-30-98]*
38. Land application of "other solids" as defined in Chapter 62-640, F.A.C., is only allowed if specifically addressed in the Agricultural Use Plan(s) approved for this facility. Land application of "other solids" is subject to Chapter 62-640, F.A.C., and the permit conditions that apply to land applied residuals. *[62-640.860, 3-30-98]*
39. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d), 3-30-98]*

III. GROUND WATER MONITORING REQUIREMENTS

A. Ground Water and Surface Water

1. Within 90 days of placing the new reuse facilities in operation, the permittee shall begin sampling 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(5), 8-21-00]*
2. All new ground water monitoring wells identified in Item(s) III.A.4 below, shall be installed within 60 days prior to the start of construction of wastewater treatment plant (See Exhibits #1 and #4). Within 30 days of installation of a new monitoring well, the permittee shall submit to the Department's Northwest District Office detailed information on the well's location and construction on the attached DEP Form(s) 62-522.900(3), Monitor Well Completion Report. *[62-522.600, 8-21-00]*
3. Prior to construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location in order to properly size the well depth and screen interval. *[62-522.900(3), 8-21-00]*
4. The following monitoring wells shall be sampled quarterly for Land Application System R001:

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Monitoring Location Site Number	Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MW-1	25589	To Be constructed	Surficial	Compliance	new
MW-2	25590	To Be constructed	Surficial	Compliance	new
MW-3	25591	To Be constructed	Surficial	Compliance	new
MW-4	25592	To Be constructed	Surficial	Intermediate	new
MW-5	25593	To Be constructed	Surficial	Compliance	new
MW-6	25594	To Be constructed	Surficial	Compliance	new
MW-6A	25595	To Be constructed	Surficial	Background	new
SW-1	25596	To Be determined	Surface Water	Compliance	new
SW-2	25597	To Be determined	Surface Water	Compliance	new
SW-3	25598	To Be determined	Surface Water	Compliance	new

[62-522.600, 8-21-00][62-610.513,8-8-99]

5. The following parameters shall be analyzed quarterly for each of the monitoring well(s) identified in the Permit Condition(s) III.A.4:

Water level(field measurement)
 Nitrate (as N)
 Total dissolved solids
 Arsenic
 Chloride
 Cadmium
 Chromium
 Lead
 Fecal Coliform
 pH
 Sulfate
 Total Phosphorus
 Phosphate (PO4)
 Total Nitrogen
 TKN
 Ammonia (NH3)

[62-522.600 (11) (b), 4-1-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 12-24-96]

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6. The following parameters shall be analyzed quarterly for each of the surface water monitoring site(s) identified in the Permit Condition(s) III.A.4:

Water level(field measurement)
Nitrate (as N)
Total dissolved solids
Arsenic
Chloride
Cadmium
Chromium
Lead
Fecal Coliform
pH
Sulfate
Total Phosphorus
Phosphate (PO4)
Total Nitrogen
TKN
Ammonia (NH3)
Temperature
Salinity
Dissolved Oxygen

[62-522.600 (11) (b), 4-1-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 12-24-96]

7. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. *[62-620.610(18), 10-23-00]*
8. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with the April, July, October, and January DMR for each year during the period of operation allowed by this permit in accordance with Permit Condition I. B.9. *[62-522.600(10) and (11) (b), 8-21-00] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 12-24-96] [62-620.610(18), 10-23-00]*
9. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-601.700(5), 12-24-96]*
10. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. *[62-610.424(3), 4-2-94]*
11. For each of the surface water monitoring site (s) identified in the Permit Condition(s) III.A.4, temperature, salinity, pH and dissolved oxygen will be measured both at the surface and just above the bottom of the water column. *[Revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County]*
12. Baseline ground water sampling will commence at least 90 days prior to the commencement of construction of Phase I of the Resort Village, with the exception of the dune walkover and associated path and boardwalk, which may be constructed at any time. *[Revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County]*

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13. Baseline surface water sampling (item III.A.4. above) will commence at least 90 days prior to the commencement of construction of Phase I of the Resort Village, with the exception of the dune walkover and associated path and boardwalk, which may be constructed at any time. *[Revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County]*

B. Sediments

1. Three (3) sediment stations will be established to monitor contaminants.
2. Sediment stations will be located near the surface water stations. Sediment station locations will be chosen in an appropriate depositional environment with high concentrations of silt and clay sized particles.
3. Monitoring of the sediment stations will begin prior to the commencement of construction of Phase I of the Resort Village, with the exception of the dune walkover and associated path and boardwalk, which may be constructed at any time.
4. Only the top 3-5 centimeters of sediment will be kept for analysis.
5. The sample collected for analysis will be a composite sample from at least three grabs or cores.
6. Collection of samples will follow DEP SOP's, with regard to equipment, sampling, storage, and chain of custody procedures.
7. Analysis of samples will occur at a laboratory with an approved DEP QA/QC plan. The total digestion of the sediment will be required for the analysis.
8. The following parameters will be determined from the sediments collected. These parameters will be determined annually for the first three years, and every three years thereafter:

Grain size analysis
Aluminum (Detection limit 10.0 ppm)
Arsenic (Detection limit 1.0 ppm)
Cadmium (Detection limit 0.1 ppm)
Chromium (Detection limit 1.0 ppm)
Copper (Detection limit 1.0 ppm)
Lead (Detection limit 1.0 ppm)
Mercury (Detection limit 1.0 ppm)
Zinc (Detection limit 1.0 ppm)
Total Organic Carbon (Detection limit 100.0 ppm)
Total Kjeldahl Nitrogen (Detection limit 50.0 ppm)
Total Phosphorus (Detection limit 25.0 ppm)

9. The following parameters will be determined from the sediments collected. These parameters will be determined every three years:

Scan of PAH's (Detection limit 0.3 ppm)
Scan of Pesticides (Detection limit 0.1 ppm)

[Revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County]

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C. Marshes

1. Three stations will be established to monitor changes to the salt marshes: one along the eastern shoreline in Nicks Hole, one within the marsh area east of the airport and north of the development, and one on the backside of Cape St. George Island (as a control in the vicinity of the Pilot's Cover area, which offers a similar marsh habitat).
2. Monitoring will include two profiles at each station of the emergent marsh with regard to species and zonation (width and cover), and algal species present (including distribution and cover). This characterization will begin 10 feet waterward of the beginning of the marsh and continue 20 feet landward of mean high water or 20 feet landward of the extent of the black needlerush marsh, whichever is greater.
3. Permanent markers will be established so that the same profiles will be done throughout the monitoring program.
4. Sampling will occur annually during July or August, beginning in the summer of 1997.

[Revised Tenth Amendment to the 1977 Development Order Granting Approval of Specific Development Plans for Resort Village - Phase I dated March 6, 1997 and approved by Franklin County]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Absorption Field System(s)

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), 12-09-96] [62-522.400 and 62-522.410, 8-21-00]*
2. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518, 8-8-99]*
3. The permittee may allow public access to the absorption field sites. *[62-610.518, 8-8-99]*
4. The absorption field system shall be operated to preclude saturated conditions from developing at the ground surface. *[62-610.500(2), 8-8-99]*
5. The annual average hydraulic loading rate shall be limited to a maximum of 3.0 inches per day (as applied to the entire bottom area of the absorption field trenches or spreading areas). *[62-610.523(3), 8-8-99]*
6. Absorption fields normally shall be loaded for 7 days and shall be rested for 14 days. Absorption fields shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4), 8-8-99]*
7. Overflows from absorption fields or from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Northwest 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), 8-8-99]*

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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 a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category I, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 6 hours/day for each weekend day and 6 hours/day for three (3) weekdays. A visit to the WWTP is required for the remaining two (2) days per week. The lead operator must be a Class C operator, or higher.

[62-699, 5-20-92] [62-620.630(3), 10-23-00] [62-699.310, 5-20-92] [62-610.462, 8-8-99]

2. A certified operator shall be on call during periods the plant is unattended. *[62-699.311(1), 5-20-92]*
3. When the three-month average daily flow for the most recent three consecutive months exceeds 50 percent of the permitted capacity of the treatment plant or reuse and disposal systems, the permittee shall submit to the Department a capacity analysis report. This initial capacity analysis report shall be submitted within 180 days after the last day of the last month of the three-month period referenced above. The capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(4), 12-24-96]*
4. 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), 12-24-96]*
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. 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;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. 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;
 - d. 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;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The log shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the

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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, 10-23-00][62-602, 12-30-99]

VI. SCHEDULES

1. The following construction schedule for the facilities shall be followed, unless notification of a schedule revision is provided and acceptable to the Department:

Implementation Step		Completion Date
1	Complete Construction	March 31, 2001
2	Place WWTP into operation	March 31, 2001
3	Comply with reclaimed water limits C	August 1, 2001

[62-620.450(3)(a), 10-23-00]

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. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities. [62-620.630(2), 10-23-00]
2. Within six months after a 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), 10-23-00]
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), 8-8-99]
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), 12-24-96]

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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), 12-26-96]
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550, 12-24-96] [62-620.610(20), 10-23-00]
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
 - 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), 12-24-96]

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), 8-8-99] [and 62-600.410, 12-24-96]
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), 10-23-00]

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IX. GENERAL CONDITIONS

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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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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), 10-23-00]
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:

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Tallahassee, FL 32309

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- 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), 10-23-00]

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), 10-23-00]*
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), 10-23-00]*
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), 10-23-00]*
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), 10-23-00]*
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), 10-23-00]*
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), 10-23-00]*
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), 10-23-00]*

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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), 10-23-00]

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).
- 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 62-602, 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), 10-23-00]

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), 10-23-00]*

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.

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- 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), 10-23-00]

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), 10-23-00]*
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:
- b. 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.

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The affirmative defense of upset shall demonstrate, through
pumping logs, or other relevant evidence that:

The permittee can identify the cause(s) of the upset;

The equipment being properly operated;

The upset as required in Permit Condition IX. 20. of this

remedial measures required under Permit Condition IX. 5.

The permittee seeking to establish the occurrence of an upset has

Notwithstanding, no representation made during the Department
action was caused by an upset is final agency action subject to

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

WILLIAM E. SCHAAL
PROGRAM ADMINISTRATOR
WATER RESOURCE MANAGEMENT
NORTHWEST DISTRICT OFFICE

DATE: _____