Docket No. 060368-WS

4

Application to Increase Rates and Charges For a "Class A" Utility In

Florida

VOLUME 6 CMP Book 6 COM Containing ECR Containing Requirements GCL Inspection Reports (Sewer) OPC RCA SCR

Aqua Utilities Florida, Inc.

OCCUMENT NUMBER-DATE 0 0 8 3 0 JAN 26 5 FPSC-COMMISSION CLERK

SGA

SEC _____

1

Aqua Utilities Florida, Inc. Inspection Reports

Wastewater Systems

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Alachua County Environmental Protection Department

Chris Bird, Director

August 17, 2006

Brian Heath PO Box 490310 Leesburg, FL 34749 DEGEIVE AUG 2 1 2006 By CM

Re: Arredondo MHP WWTP (ACEPD #1702) FDEP Permit FLA011315

Dear Mr. Heath:

This letter is in reference to an inspection conducted at the Arredondo Mobile Home Park WWTP on July 26th 2006. Enclosed you will find copies of the Alachua County Environmental Protection Department Wastewater Compliance Inspection Report and effluent laboratory results.

The following deficiencies were noted at the time of the inspection:

1. screenings were not stored in a covered container.

Effluent lab results indicate the following FDEP effluent permit violation at the time of inspection:

1. the TRC value was 0.00 mg/L (permit minimum = 0.50 mg/L).

The lead operator was fixing the chlorine meter while I was on-site, so I trust this will not continue to be an issue. Please store and dispose of screenings as outlined in your FDEP permit. If you have any questions or concerns, feel free to contact me at (352) 264-6829 between 8:30 am and 5:00 pm Monday through Friday.

Sincerely,

Stacie Greco Senior Environmental Specialist

SG/sg enclosures cc: Melissa Long, FDEP, Jacksonville, Domestic Waste Mark March, Lead Operator

201 SE 2nd Avenue Suite 201 ■ Gainesville, Florida 32601 ■ Tel. (352) 264-6800 ■ Fax (352) 264-6852 Suncom 651-6800 ■ TDD (352) 491-4430 Home Page: www.environment.alachua.fl.us

An Equal Opportunity Employer M.F.V.D.



ADVANCED TECHNOLOGIES & TESTING LABORATORIES INC.

4445 SW 35 Terrace, Suite 270 Gainesville, FL 32608 Phone (352) 378-0053 Fax (352) 378-0322 http://www.attlab.com

Client: Alachua				<u>Project N</u>		ACEP	
	2 nd Ave Ste.			Sample I		07/26	
	ville, FL 326	501		FDEP #		9500	
Sampler: Staci	e Greco			<u>DOH #:</u>		E825	35
Client Station I	D: Arredone	do		Lab ID#	: 607150		
Report Date: 08					stody Date:	07/26/0)6
Parameter	Analysis	Units	Analysis	Storet	Analysis	MDL	DQ
Name	Result		Method	Number	Date		Code
CBOD	23.7	mg/L	SM5210B	00314	07/27/06	0.83	
					17:15		
TSS	19.2	mg/L	EPA 160.2	00530	07/28/06	2.64	
Nitrate-N	<0.095	mg/L	EPA 300.0	00630	07/27/06	0.095	U
					12:59		
TON	1.97	mg/L	Calculation	00605	08/08/06	0.21	
Ammonia-N	1.81	mg/L	EPA 350.2	00610	08/08/06	0.084	
		0					
TKN*	3.78	mg/L	EPA 351.2	00625	08/01/06	0.21	
		2			12:29		
T. Nitrogen	4.06	mg/L	Calculation	00625	08/01/06	0.21	
Total	0.45	mg/L	EPA 365.2	00665	08/01/06	0.014	
Phosphorus		<i>G</i> —			20,01,00	0.01	
Fecal Coliform	<2.0	CFU/100ml	SM9222D	31614	07/26/06 14:50	2.0	U
					17.20		

* Data analyzed by KSA FLDOH #: E86349

DQ Code: Data Qualifier Code "U" indicates that the compound was analyzed for but not detected above the detection limit shown. The Reported results were obtained in compliance with the 2002 NELAC standards unless otherwise noted.

All questions regarding this report should be directed to Project Manager who signed this report.

Unjotsh

Chand K Jotshi Project Manager

	Alachua County Environmental Protection 1 SE 2 nd Ave., Suite 201 Gainesville, FL 32601 Tel: (352) ASTEWATER COMPLIANCE INSF FACILITY AND INSPECTION INFO PLANT CONDITION DURING INS	264-6800 Fax (352)264-6852 PECTION REPORT DRMATION
ALACHUA COUNTY		
Facility Name:	dondo Insp. Date: 7/20	$\frac{1}{2}$ Time In: $\frac{10.97}{7}$
FDEP Facility ID#	ACEPD Facility #	Time Out:
Lift Station: Total #	# Pumps Alarms (A/V) Comments:	
Influent: Screening <u>B</u>	a. Grit Removal (Y/N) N Comments:	remove Screening
Aeration: Color	Mixing Good #o	f Aeration basins
Comments:		
Blowers: # On Timers	s (Y/N) 🔨 Condition:	
Clarifiers: # Blanke	et Depth: <u>? </u>	Filters? (Y/N) //
Appearance: <u>Som</u>	ne pio Floc	·····
Chlorine Contact Chamber	r: Baffled? (Y/N): <u>N</u> Condition:	·····
Disinfection/Dechlor. Methe	ods: Liquid TRC Sample Res	ults: <u>0.00 /</u>
If Gas, (Y/N): Chained?_	Auto. Switch over/scales? Alarms? Ex	khaust fan?
Respiratory/Emergency?		
Digester: Freeboard:	<u> Ft.</u> Land Appl. Site/To RMF?:	
Sludge Beds # : App	earance:	

•



Department of Environmental Protection

Jeb Bush Governor Northeast District 7825 Baymeadows Way, Suite B-200 Jacksonville Florida 32256-7590

Colleen M. Castille Secretary

January 10, 2006

Mr. Brian Heath Area Manager Aqua Utilities Florida PO Box 490310 Leesburg, FL 34749

RE: Alachua County – Domestic Wastewater Arredondo Farms MHP WWTF – FLA011315 Compliance Evaluation Inspection

Dear Mr. Heath:

Personnel from the Department of Environmental Protection (DEP) conducted a Compliance Evaluation Inspection (CEI) of the Arredondo Farms Mobile Home Park Wastewater Treatment Facility (WWTF) on December 20, 2005. The following are comments for areas of special interests evaluated during the inspection and a file review:

PERMIT

The facility is permitted as an existing 0.060 million gallons per day (MGD) annual average daily flow (AADF) permitted capacity activated sludge wastewater treatment facility (WWTF) consisting of a splitter box, six 5,000-gallon aeration basins with a total volume of 30,000 gallons, two 71,412-gallons clarifiers for a total clarifier coulume of 14,824 gallons, a 2,244-gallons chlorine contact chamber, and a 1,500 gallons digester with a volume of approximately 1,500 gallons. The WWTF shall be operated as an extended aeration facility for average daily flows of less than 0.030 mgd and in the conventional activated sludge process mode for average daily flows from 0.030 mgd through 0.060 mgd.

Permit #FLA011315 was issued on January 27, 2003 and expires on January 26, 2008.

FACILITY SITE REVIEW

The following observations were noted during the inspection:

- The plant is located within a secured fenced area.
- Signs were posted along the fence designating the nature of the project area.
- The plants most recent reduced pressure zone (RPZ) backflow prevention calibration could not be verified. In accordance to Rule 62-555.330(6) and (7) and 62-555.360(2) F.A.C., the RPZ backflow preventer shall be inspected annually. Please either provide documentation of when the RPZ was inspected or indicate when it will be inspected.
- The audio/visual alarms in place at the facility's lift station were working and in operational order.

Mr. Brian Heath Arredondo Farms MHP WWTF January 10, 2006 Page 2 of 3

FLOW MEASUREMENT

The device in use at the facility to measure flow is an elapsed time meter. The flow meter was last calibrated on October 7, 2005.

OPERATION AND MAINTENANCE

The following items were noted:

- The contents of the aeration chamber were good medium-brown in color. The contents were well mixed and well aerated. However, there was an inadequate amount of freeboard in all of the aeration basins. Please inform the department of the cause for the high levels of wastewater in the plant and what will be done in the future to prevent the possibility of future spills.
- There were small amounts of trash gathering on the weirs of the clarifier as well as excessive pinfloc gathering on the surface of the clarifier. Please regularly clean the weirs and check the functionality of the clarifier skimmers to see if they are operating properly.
- The chlorine contact chamber was clean and the effluent coming from the contact chamber was clear.
- The digester had roughly 2 feet of freeboard and was well maintained and well taken care of.

EFFLUENT

Effluent is discharged to an existing 0.06 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin system (R-001). R-001 consists of Part IV rapid-rate land application system located approximately at latitude 29° 35' 50" N, longitude 82° 25' 25" W.

The banks and bottoms of the system were well mown, well tilled and were in overall excellent condition.

RECORDS

A bound logbook was maintained on-site and was available for review during the inspection. The following observations were recorded in the logbook:

- The name of the facility, day, month and year.
- The operator's name, certification number.
- Operator in and out times.
- Maintenance performed at the facility as well as flow, TRC and pH results.

A review of the discharge monitoring reports (DMRs) for the months of January 2005 through October 2005 revealed that the facility maintains a good quality of effluent. However there are a few deficiencies that need to be noted:

• The Discharge Monitoring Reports (DMRs), laboratory analyses sheets, chain of custody forms and field sheets were not available for evaluation at the time of the inspection. According to Rule 62-600.410(10), F.A.C., copies of the department permit; the approved operation and maintenance manual pursuant to Rules 62-600.730(4)(c), F.A.C.; schedules; and all recorded

Mr. Brian Heath Arredondo Farms MHP WWTF January 10, 2006 Page 3 of 3

operating data shall be kept available at all facilities for use by plant operators and inspection by the department. Please maintain copies of all required records on site to be available at the time of all future inspections.

• A couple of exceedances were noted during the file review:

Date	Parameter	Limitation	Value
April 2005	Nitrogen, Nitrate	12 mg/L	15.7 mg/L
October 2005	Nitrogen, Nitrate	12 mg/L	21 mg/L

In accordance with Permit Condition IX.20, the permittee shall report to the Department any noncompliance that 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 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. Please respond as to the cause for these exceedances and what can be done in the future to prevent them.

Overall, the facility was found to be **out-of-compliance** due to record keeping deficiencies and monitored parameter exceedances. Please respond to this letter within thirty days with a written response including what action has or will be taken regarding the above-mentioned deficiencies that are printed in bolded letters (**bolded items**). If you have any questions, please contact me either through email at <u>Will.am.Fletcher@dep.state.fl.us</u> or through the office phone at (904) 807–3300.

Sincerely,

alling

William T. Fletcher Wastewater Inspector Domestic Wastewater Section

WTF:mml:kg:wf

Enclosures

	COMET ENTRY DATE
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	ľ
STEWATER COMPLIANCE INSPECTION REP	orfiže÷k.

FACILIT	TY AND INSPECT	ION	INFO	RMATION	(4) = Optional
Name and Physical Location of Facility	WAFR ID:			County	E	ntry Date/Time
Arredondo Farms MHP WWTF	FLA011315			Alachua	Đ	ecember 20, 2005
SW of Gainesville on Archer Road.				Phone	@	Exit Date/Time
					D	ecember 20, 2005
Name(s) of Field Representatives(s)	Title				P	hone
Mark March	Lead Operator				(352) 303-0718
N Contraction of the second						
Name and Address of Permittee or Designated R	epresentative Tit	le		Phone	a	Operator Certification #
Brian Heath	Are	ea Manager		(352) 787-0980		
PO Box 490310						
Leesburg, FL 34749	н. С					
Inspection Type C E I Sample	es Taken(Y/N): N	@ Sa	mple ID#:		Sa	mples Split (Y/N); N
Domestic Industrial	Were Photos Taken(Y/I	N): N		@ Log book Volume		@ Page
CI-In-Compliance, NC-Ompletion Significant Non-Completine Criter PERMITS/ORDERS			ondian			
1. • Permit	3. Laboratory	IC		ity Site Review	IC	9. • Effluent Quality
2. Compliance Schedules	4. Sampling	IC		Measurement		10. Effluent Disposal
NC	5. ♦Records & Reports	IC	8.♦Opera Maintena			11. Residuals/Sludge
13. Other:						12. Groundwater
Facility and/or Order Compliance Status:	In-Compliance	-Of-Compl	iance	Significant-O	ut-Of-C	ompliance
Recommended Actions: Follow up with future si	te inspection after completion of co	nstruction		***************************************	· · · -	<u></u>
Name(s) and Signature(s) of Inspector(s)				District Office/Phone N	umber	Date
William Fletcher				NED (904)807-3		12/24/2005
@ Signature of Reviewer				District Office/Phone N	lumber	Date
Kathleen Gerard	- for the second			NED (904)807-3	337	01/06/2006
Fill Out This Section For.	All Surface Water Dis	charge	t luspe	ctions (CEI, C	si c	BL PAL XSL RULE"
	PDES Number		YR/MO		Туре	Inspector Fac Type
N 5	ADDITIONAL N		OMMEN	1		2 3
Inspection Type (Field 1), A=PAL, B=C	an ann an t-thirth an			The second s		
Inspection Code (Field 2): S=State; J=Jo						
Facility Type (Field 3): 1=Municipal (P Every other field is self explanatory	ublicly Owned), 2=Industrial	and Priv	ately Ow	ned Domestic, 3= A	gricul	fural, 4=Federal
and the second						

WASTEWATER COMPLIANCE INSPECTION

Revised: May 26, 2004

Docket No. 060368-WS

Application to Increase Rates and Charges

For a "Class A" Utility In

Florida

Missing Report: Inspection Report

For: Beecher's Point - Interconnected

Aqua Utilities Florida, Inc.

COMET ENTRY DATE __/__/__

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

Name a	and Physical Lo	cation	of Fa	cility		WAFR ID:		County	Enti	ry Date/Time
CHUL	JOTA WWTF					FLA011076		Seminole	10/6	/04 9:46 am
25 EA	ST 10TH STRE	ET						Phone	@ E	Exit Date/Time
HUL	JOTA FL 32860	0-9520							10/0	6/04 1:20 pm
lame(s) of Field Repr	esenta	tives(s)		Title		······································	Pho	one
BILL T	RENDEL								407	-509-8398
WILL F	ONTAINE								352	-266-2953
lame a	ind Address of	Permi	ttee or	Design	ated Rep	resentative Titl	e	Phone	æ	Operator Certification #
GLEN	LABREQUE					VIC	E PRESI	DENT	WIL	L FONTAINE
QUA	UTILITIES FLO	ORIDA	A INC						B 71	13,
960 PI	ROFESSIONAL	. PKW	Y E SI	JITE 40	0					
ARAS	OTA FL 34240									. <u>.</u>
nspect	ion Type	с	s	I	Samples	Taken(Y/N): Yes	@ S	ample ID#:	Samp	oles Split (Y/N):
$\overline{\mathbb{X}}$	Domestic			Indu	strial	Were Photos Taken(Y/N):	@ Log book Volume	: eIP	@ Page
IC IA	 Permit Complia 	ance S	chedu	iles	NE NC IC	 Laboratory Sampling Records & Reports 	IC IC IC	 6. • Facility Site Review 7. Flow Measurement 8. • Operation & 	IC NC IC	 9. • Effluent Quality 10. • Effluent Disposal 11. Residuals/Sludge
NE	13. Other:							Maintenance		12. Groundwater
	15. Otile1,					······				
acility	and/or Order	Comp	liance	Status:	In	-Compliance Out-	Of-Comp	iance Significant-	Dut-Of-Com	pliance
lecom	mended Action	s: NOI	NCOM	PLIAN	ICE LET	TER				
ame(s) and Signatur	c(s) of	Inspec	tor(s)				District Office/Pho		Date
Davio	I Smicherk	o I	Ani	1S.	n india, i	<u>د.</u>		Central District 40	7-893-3313	3 11/4/04
ame(s) and Signatur	·e(s) of	Revie	wer				District Office/Pho	ae Number	Date
	5							Central District 40		
Kalin	a Warren	0	t de	va	ne	•				
]	Fill Out T	his	Sect	ion	For A	ll Surface Water Disc	harge	r Inspections (CEI, C	SI, CB	I, PAI, XSI. RI)
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								ate/EPA-State Lead, L=Loca	l Progran	1
								ately Owned Domestic, 3=	•	
	other field is									

Revised: May 26, 2004

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INSPECTION COMMENTS

PERMIT: In Compliance

The FDEP Permit No. FLA0111076 expires March 10, 2008. The facility is a 0.1 MGD annual average daily flow (AADF) permitted capacity extended aeration wastewater treatment facility consisting of aeration, secondary clarification, filtration, chlorination and aerobic digestion of residuals, and a 0.3 MG holding pond. Land application is via a 17.4 acre sprayfield.

COMPLIANCE SCHEDULE: In Compliance

The conditions in the compliance schedule have been met.

LABORATORY:

The facility uses Harbor Branch Deltona Laboratory Department of Health Certification Number E83509 as its contract laboratory.

SAMPLING: Out of Compliance

SIGMA 900 automatic samplers collect the influent and effluent composite samples. The sample aliquot for the influent sampler was 150 mL. The pickup tubing in the influent sampler contains residue and there is a dip in the line, which prevents a complete line purge during sampling events. The temperature in the influent sampler was 4°C. The effluent sampler was not running.

A HACH DR 820 Colorimeter is used to test the total chlorine residual. The calibration of the meter is verified with secondary standards. The calibration of the DR 820 was last checked on June 25, 2004. Calibration checks should be performed quarterly.

A Hanna pH meter is used to measure the pH of the effluent. Buffers of 7.00 and 10.00 SU are used to standardize the meter. Fresh buffers are used daily.

The thermometer in the sample storage refrigerator was installed 3/29/04. The reading was 2 °C.

The sampling points are as stated in the permit.

RECORDS AND REPORTS: In Compliance

A bound and numbered operations logbook was on-site showing the plant is staffed as required by permit. A review of the permit files and Discharge Monitoring Reports (DMRs) from January to August 2004 showed the following:

Copies of the current Annual Reuse Report and letter stating no new non domestic connections have been made are on file at the Department.

FACILITY SITE REVIEW: In Compliance

ACCESS: The facility had a continuous fence and a gate that is secured after daily working hours.

HEADWORKS: There are two influent pipes, only one has a barscreen. The screenings are taken to the landfill.

AERATION BASINS: There are two blowers. Mixed liquor was well aerated.

CLARIFIERS: The stilling wells are clean. There were pop-ups noted on the surface. The weirs were level and clean. The effluent was clear.

SAND FILTERS: The filter effluent is clear.

CHLORINE CONTACT CHAMBERS: The effluent in the CCC was clear. There are two contact chambers. Effluent level was over the baffles in the second CCC. The 15 minutes of contact time is provided in the first CCC.

DISINFECTION: Sodium hypochlorite is used for disinfection. The hypochlorinator was working and the supply drum was full. The supply drum is in a secondary containment vessel.

Revised: May 26, 2004

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DIGESTER: The digester had storage available.

BACKFLOW PREVENTION: The RPZ appeared to be in working condition (no leaks).

FLOW MEASUREMENT: In Compliance

The primary flow measuring device is a 90° V-notch weir. The secondary device is an ultrasonic flow meter. The flow meter setup appeared to be correct. The meter was calibrated October 1, 2004.

EFFLUENT QUALITY: In Compliance

A review of the Discharge Monitoring Reports from January to August 2004 showed no violations in the effluent quality limits.

The table below contains results from samples collected during the inspection.

Parameter	Sample Number	Result	Permit limit
Fecal coliform	19586fc	< 1 fcc/100mL	800 fcc/100 mL
TSS	19586tss	<1.5 mg/L	60 mg/L
CBOD5	19586cbod	3.1 mg/L	60 mg/L
Nitrate	785143	5.5 mg/L	12 mg/L

EFFLUENT DISPOSAL: Out of Compliance

Sprayfield appeared to be well maintained. There is standing water in the north and east section of the spray field. This is due to the Hurricanes of August and September 2004. These areas of the sprayfield are not used.

RESIDUALS/SLUDGE: In Complinace

The facility uses Shelly's Septic for sludge hauling and treatment. Hauling tickets were available for review.

GROUND WATER:

No questions at this time. A new permittee has purchased this facility.

A review of the ground water monitoring reports for the third quarter of 2003 and the first and second quarter of 2004 indicated incorrect ground water elevations on reports for the third quarter of 2003 and the first quarter of 2004, which Department personnel were able to correct. These reports were prepared and submitted by the previous owner and permittee of the facility.



Department of Environmental Protection

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

Colleen M. Castille Secretary

SENT VIA E-MAIL TO: gplabrecque@aquaamerica.com

April 10, 2006

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PKWY E SUITE 400 SARASOTA FL 34240 OCD-C-WW-06-0303

ATTENTION GLENN LABRECQUE VICE PRESIDENT

Seminole County - DW Florida Central Commerce Park WWTF Wastewater Facility - Permit No. FLA011078

Seminole County - DW Chuluota WWTF Wastewater Facility - Permit No. FLA011076 Noncompliance Letter

Dear Mr. LaBrecque:

On February 28, 2006, Department personnel conducted routine inspections of your wastewater facilities. Copies of the inspection reports are enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

Florida Central Commerce Park WWTF:

During the review of the Operating Protocol, it was noted that when the continuous chlorine and turbidity meters record that the reclaimed water is meeting high-level disinfection standards after a substandard episode, the reject valve closes automatically. The return to the reclaimed storage system must be done manually with operator verification. Please summit an updated Operating Protocol that reflects this change.

Chuluota WWTF:

A review of the ground water files for this facility indicates the following deficiencies:

 All monitoring wells were reported to have a total depth of 20 feet on the well completion report forms submitted to the Department. The measured well depths on February 13, 2006 were reported at 11.40 feet for well MW-1, 15.60 feet for well MW-2, 15.3 feet for well MW-3, 16.05 feet for well MW-4 and 16.30 feet for well MW-5, respectively. Please report to the Department the reason for these discrepancies.

More Protection, Less Process"

Printed on recycled paper.

Florida Central Commerce Park WWTF Chuluota WWTF OCD-C-WW-06-0303 Page 2

b. The facility is not using the ground water monitoring report forms provided by the Department with the permit. The forms submitted were missing the WAFR number and GMS number for each well, and the PARM Codes for the water level and pH. In addition the forms that were submitted contained the incorrect PARM Codes for total dissolved solids, fecal coliform and turbidity. If the facility or laboratory wishes to use any form other than the forms issued with the permit, all of the information on the forms from the permit must appear on the facility or laboratory forms.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Ground water questions should be directed to Marsha Johnson at (407) 893-3301. Any other questions should be addressed to David Smicherko at (407) 893-3313.

Sincerely,

P. miller

Gary P. Miller Program Manager Wastewater Compliance/Enforcement

GM/ds/ww Enclosures: Inspection Report (2) cc: Anil Desai, Program Manager, Ground Water Section, <u>anil.desai@dep.state.fl.us</u>

COMET ENTRY DATE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WASTEWATER COMPLIANCE INSPECTION REPORT. FACILITY AND INSPECTION INFORMATION @ = Optional County Entry Date/Time Name and Physical Location of Facility WAFR ID: 2/28/06 8:30 AM FLORIDA CENTRALCOMMERCE PARK WWTF FLA011078 Seminole 140 HOPE STREET Phone @ Exit Date/Time 2/28/06 10:15 AM LONGWOOD FL Name(s) of Field Representatives(s) Title Phone 407-509-8398 BILL TRENDEL SENIOR OPERATOR Name and Address of Permittee or Designated Representative @ Operator Certification # Title Phone VICE PRESIDENT BILL TRENDEL GLENN LABRECQUE A 9184 AQUA UTILITIES OF FLORIDA INC 6960 PROFESSIONAL PKWYE SUITE 400 SARASOTA FL 34240 С E Samples Taken(Y/N): No @ Sample ID#: Samples Split (Y/N): Inspection Type I Were Photos Taken(Y/N): N @ Log book Volume : 8 @ Page 8 \bowtie Domestic Industrial FACILITY COMPLIANCE AREAS EVALUATED IC = In Compliance NC = Out of Compliance SC = Significant out of Compliance: NA = Not Applicable; NE Not.Evaluated f Compliance Ratings Are Given in Areas Marked by aver gnificant Non-Compliance Criteria Should be Reviewed when Outo PERMITS/ORDERS SELF MONITORING FACILITY OPERATIONS EFFLUENT/DISPOSAL PROGRAM IC NC 9. • Effluent Quality IC NE 3. Laboratory 6. • Facility Site Review 1.
 Permit IC IC 2. Compliance Schedules IC 4. Sampling IC 7. Flow Measurement 10. • Effluent Disposal IC 11. Residuals/Sludge IC 5. • Records & Reports NC 8. Operation & Maintenance NA 12. Groundwater NE 13. Other: 1**9** Out-Of-Compliance Facility and/or Order Compliance Status: In-Compliance Significant-Out-Of-Compliance **Recommended Actions: Noncompliance Letter** District Office/Phone Number Date Name(s) and Signature(s) of Inspector(s) Central District 407-893-3313 4/5/06 David Sm David Smicherko Name(s) and Signature(s) of Reviewer **District Office/Phone Number** Date Central District 407-893-3313 April 6, 2006 Kk anen Kalina Warren Fill Out This Section For All Surface Water Discharger Inspections (CEL, CSI, CBI, PAL, XSI YR/MO/DA Insp Type Transaction Code NPDES Number Ν 5 ADDITIONAL NPDES COMMENTS Inspection Type (Field 1) A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local:Program, Jac Facility Type (Field 3): 1=Municipal (Publicly Owned): 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Eederal Every other field is self explanatory

Revised: August 7, 2000

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INSPECTION COMMENTS

PERMIT: In Compliance

The FDEP Permit Number FLA011078 expires April 7, 2008. A copy of the permit is on-site. The permit authorizes the operation of a 0.095 MGD annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment facility (WWTF) consisting of flow equalization, influent screening, aeration, secondary clarification, chemical feed facilities, filtration chlorination, a 3 day (0.285 MG) reject storage pond with provisions for treatment, and aerobic digestion of residuals. The permit also authorizes the construction of a 10,000 gallon surge tank.

COMPLIANCE SCHEDULES: In Compliance

There are items in Section VI. Schedules of the permit have been completed.

LABORATORY: Not Evaluated

The facility uses Harbor Branch Deltona Laboratory Department of Health Certification Number E83509 as its contract laboratory.

SAMPLING: In Compliance

The calibration of the HACH CL-17 continuous chlorine analyzer is checked with a HACH DR 820 meter. The calibration of the continuous meter is checked at least annually. Secondary gel standards are used to check the calibration of the DR 820 meter. All guidelines for using the secondary gel standards are followed.

The calibration of the HACH 1720 D continuous turbidimeter is checked with a HACH 2100P portable meter. The calibration of the portable meter is checked daily with secondary standards and quarterly with primary standards... Turbidity and TSS are sampled prior to disinfection.

A Hanna pHep pH meter is standardized with two buffers (7, and 10 SU) buffer. Fresh buffers are used daily.

Sample chains of custody were filled out properly.

RECORDS AND REPORTS: In Compliance

The operator's logbook shows a certified operator on-site 7 days/week for at least 6 hrs/day. The lead operator is a class A. Lab and operator certifications are on-site as well as O&M manuals. A review of the Discharge Monitoring Reports (DMRs) from November 2004 to January 2006 showed no reporting deficiencies:

FACILITY SITE REVIEW: In Compliance

ACCESS: The facility has a continuous fence and a gate with a lock. The gate is open when the plant is staffed.

HEADWORKS: The headworks consists of two surge tanks, splitter box and barscreen. Screenings go into a covered trash container.

AERATON BASIN: Two blowers only one used at a time. Good air distribution was noted. Mixed liquor was black in color due to the industrial nature of the influent.

CLARIFIER: The clarifier exhibited good settling. The skimmer and RAS were working. The weir was in good condition and the effluent was clear.

SAND FILTERS: Two gravity flow sand filters. The backwash is automatic. Backwashing is performed on a float system. Chlorine is added periodically for maintenance.

CHLORINE CONTACT CHAMBER (CCC): The CCC is covered. The effluent was clear.

DISINFECTION: Sodium hypochlorite is used for disinfection. It is stored in a 500 gal. container. There are two Stenner pumps, one is in use one is for backup.

CHEMICAL FEED: Polymer can be added to the plant as a coagulation agent. Currently the polymer is not added.

DIGESTER: Storage available.

Revised: August 7, 2000

CEI.doc Florida Commerce Park 022806

BACKFLOW PREVENTION: The reduced pressure zone (RPZ) backflow device appeared to be in satisfactory condition (no leaks).

FLOW MEASUREMENT: In Compliance

The FLW-1 flow meter was last calibrated July 12, 2005. The primary device is a 90° V-notch weir. The flow meter set up appears to be correct. The FLW-2 reuse meter was calibrated on July 12, 2005.

OPERATION AND MAINTENANCE: Out of Compliance

The facility grounds are well maintained. There were cracks in the walls of the treatment plant that were leaking mixed liquor and clarified effluent onto the ground. The Operating Protocol is on site and available to the operators. Substandard water is automatically rejected to the substandard pond. When effluent again meets reclaimed water standards it is automatically diverted back to the reclaimed water system. This is procedure is not acceptable. After a reject event there must be some type of operator intervention before flow is sent to the reclaimed water system.

EFFLUENT QUALITY: Out of Compliance

A review of the Discharge Monitoring Reports from November 2004 to January 2006 showed the following deficiencies:

The fecal coliform result reported on the November 2005 DMR was 160 fcc/100 mL. This exceeded the permit limit of 25 fcc/100mL. This was reported to the Department.

EFFLUENT DISPOSAL: In Compliance

The berms of the holding pond and reject pond were in good condition. There are three effluent pumps for the reuse area. Advisory sign were noted at the reuse area. There was no standing water noted in the reuse area. The operations staff tours the reuse zones to evaluate system's performance and adjust timers accordingly to prevent effluent runoff or ponding.

RESIDUALS/SLUDGE: In Compliance

The facility has an agreement with American Pipe and Tank Inc. for sludge hauling and treatment. Hauling tickets are kept on-site.

GROUNDWATER: N/A

The facility is permitted for 0.095 MGD AADF and is not required to have a groundwater monitoring program.

COMET ENTRY DATE

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

Name	and Physical Location of Facility		WAFR ID:		County	Entr	ry Date/Time
CHUL	UOTA WWTF		FLA011076		Seminole	2/28	/06 10:45 AM
125 EA	ST 10TH STREET				Phone	@ E	Exit Date/Time
CHUL	UOTA FL 32860-9520					2/28	/06 11:45 AM
Name(:	s) of Field Representatives(s)		Title			Pho	ne
BILL T	RENDEL					407	-509-8398
Name	and Address of Permittee or Design	ated Rep	presentative Tit	le	Phone	@	Operator Certification #
GLEN LABREQUE VICE PRESIDENT						BILI	L TRENDEL
AQUA	UTILITIES FLORIDA INC					A-91	184
6960 P	ROFESSIONAL PKWY E SUITE 40	0					
SARAS	SOTA FL 34240						
Inspect	tion Type C E I	Samples	Taken(Y/N): No	@ S	ample ID#:	Samp	oles Split (Y/N):
\boxtimes	Domestic Indu	strial	Were Photos Taken(Y/N	l):	@ Log book Volume :	8	@ Page 12
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			Compliance; SC = Significa	nt out of	Compliance; NA = Not Appl		
	Significant Non-Compliance	Criteria		Out of (Compliance Ratings Are Giver	in Area	
	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. • Permit	NE	3. Laboratory	IC	6. • Facility Site Review	NC	9. • Effluent Quality
	2. Compliance Schedules	IC	4. Sampling	IC	7. Flow Measurement	NC	10. • Effluent Disposal
		IC	5. • Records & Reports		8. • Operation & Maintenance	IC	11. Residuals/Sludge
NE	13. Other:					NC	12. Groundwater
Facility	and/or Order Compliance Status:	In	-Compliance 🛛 Out-	•Of•Compl	iance Significant-Ou	t-Of-Com	pliance
Recom	mended Actions: NONCOMPLIAN	CE LEI	TER				
Name(s	s) and Signature(s) of Inspector(s)				District Office/Phone		Date
David	ی صبحا Smicherko	· mi	ule		Central District 407-	893-3313	4/5/06
2.3.49.40 2.3.49.40		an an an an Iomraidhean		904 U.S	an a		
Name(s) and Signature(s) of Reviewer				District Office/Phone	Number	Date
Kalin	a Warren <i>Mara</i>	e e en			Central District 407-	893-3313	April 6, 2006
L	in the second						
]	Fill Out This Section 1	For A	Il Surface Water Disc	charge	r Inspections (CEI, CS	I, CBI	[, PAI, XSI, RI)
Tran	saction Code	N P	DES Number		YR/MO/DA Insp	Гуре	Inspector Fac Type
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Revised: May 26, 2004

CEI.doc Chuluota 2/28/06

INSPECTION COMMENTS

PERMIT: In Compliance

The FDEP Permit No. FLA0111076 expires March 10, 2008. The facility is a 0.1 MGD annual average daily flow (AADF) permitted capacity extended aeration wastewater treatment facility consisting of aeration, secondary clarification, filtration, chlorination and aerobic digestion of residuals, and a 0.3 MG holding pond. Land application is via a 17.4 acre sprayfield.

A permit revision was issued on June 27, 2005 allowing the construction of a new treatment plant and modifications to the existing plant. The permitted capacity of the plant will remain at 0.1 MGD, which is the capacity of the reuse system. Construction of the new plant has begun.

COMPLIANCE SCHEDULE: In Compliance

The conditions in the compliance schedule have been met.

LABORATORY:

The facility uses Harbor Branch Deltona Laboratory Department of Health Certification Number E83509 as its contract laboratory.

SAMPLING: In Compliance

SIGMA 900 automatic samplers collect the influent and effluent composite samples. The samplers were not running. The temperature in the sample storage facility was 3.5°C.

A HACH DR 820 Colorimeter is used to test the total chlorine residual. The calibration of the meter is verified with secondary standards. The calibration check of the DR 820 and verification of the secondary standards is performed quarterly.

A Hanna pH ep pH meter is used to measure the pH of the effluent. Buffers of 7 and 10 SU are used to standardize the meter. Fresh buffers are used daily.

The thermometer in the sample storage refrigerator was reading was 3.5°C.

The sampling points are as stated in the permit.

RECORDS AND REPORTS: In Compliance

A bound and numbered operations logbook was on-site showing the plant is staffed as required by permit. A review of the permit files and Discharge Monitoring Reports (DMRs) from September 2004 to February 2006 showed the following:

Copies of the current Annual Reuse Report and Effluent Analysis Report are on file at the Department.

FACILITY SITE REVIEW: In Compliance

ACCESS: The facility had a continuous fence and a gate that is secured after daily working hours.

HEADWORKS: The digesters have been converted into a surge tank. A temporary splitter box has been installed.

AERATION BASINS: There are two blowers. Mixed liquor was well aerated.

CLARIFIERS: The stilling wells are clean. There were pop-ups noted on the surface. The weirs were level and clean. The effluent was clear.

SAND FILTERS: The filters have been removed. The clarifier effluent is directed to the CCC. The new filters are not online.

CHLORINE CONTACT CHAMBERS: The effluent in the CCC was turbid. Effluent level was near the baffles in the CCC. The new CCC is constructed but no yet online.

CEI.doc Chuluota 2/28/06

DISINFECTION: Sodium hypochlorite is used for disinfection. The hypochlorinator was working and the supply drum was full. The supply drum is in a secondary containment vessel.

DIGESTER: The facility is using a 10,000 storage tank for storing WAS. This is being done temporarily until the new sludge holding tanks are available.

BACKFLOW PREVENTION: The RPZ appeared to be in working condition (no leaks).

FLOW MEASUREMENT: In Compliance

The primary flow measuring device is a 90° V-notch weir. The secondary device is an ultrasonic flow meter. The flow meter setup appeared to be correct. The meter was calibrated 10/28/05.

EFFLUENT QUALITY: Out of Compliance

A review of the Discharge Monitoring Reports from September 2004 to February 2006 showed the following exceedances in the effluent quality limits.

Date	Parameter	Limit	Result
September 2004	Nitrate	12 mg/L	16 mg/L
February 2005	Nitrate	12 mg/L	16 mg/L
August 2005	Nitrate	12 mg/L	16 mg/L
February 2006	Nitrate	12 mg/L	19 mg/L

These exceedances were reported to the Department.

EFFLUENT DISPOSAL: Out of Compliance

Sprayfield appeared to be well maintained. There is standing water in the north and east section of the spray field. These areas of the sprayfield are not used.

RESIDUALS/SLUDGE: In Compliance

The facility uses American Pipe and Tank Inc. for sludge hauling and treatment. Hauling tickets were available for review.

GROUND WATER: Out of Compliance

A review of the ground water files for this facility indicates the following deficiencies:

All monitoring wells were reported to have a total depth of 20 feet on the well completion report forms submitted to the Department. The measured well depths on February 13, 2006 were reported at 11.40 feet for well MW-1, 15.60 feet for well MW-2, 15.3 feet for well MW-3, 16.05 feet for well MW-4 and 16.30 feet for well MW-5. Please report to the Department the reason for these discrepancies.

The facility is not using the ground water monitoring report forms provided by the Department with the permit. The forms submitted were missing the WAFR number and GMS number for each well, and the parm codes for the water level and pH. In addition the forms that were submitted contained the incorrect parm codes for total dissolved solids, fecal coliform and turbidity. If the facility or laboratory wishes to use any form other than the forms issued with the permit, all of the information on the forms from the permit must appear on the facility or laboratory forms.

COMET ENTRY DATE 12/01/04

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

		FACI	LIT	Y AND INSPE	CTION	INFO	RMATION		@ = Optional	
Name	and Physical Location	of Facility		WAFR ID:			County	E	Intry Date/Time	
Holida	y Haven			FLA010655		Lake		9/20/05		
Pearl a	and Lisa Streets						Phone	(② Exit Date/Time	
Astor,	FL									
Name	(s) of Field Represents	atives(s)		Title					Phone	
				Operator						
	<u> </u>									
	and Address of Perm	ittee or Design	ated Re	presentative	Title		Phone		Operator Certification #	
	aBrecque				Vice Preside	nt	407-574-6691	1	Paul Thompson A-4894	
	Utilities Florida, Inc.				D		F			
	Professional Pkwy E, S	uite 400			Email		Fax			
Saras	ota, FL 34240				gplabrecque com		ça.			
Inspe	ction Type C	E I	Sample	s Taken(Y/N); No	@	sample ID#:	: :	S	amples Split (Y/N):	
\boxtimes	Domestic	Indu	strial	Were Photos Tak	en(Y/N):		@ Log book Volume :	:	@ Page	
IC		Compliance		a Should be Reviewed SELF MONITORING		Complian		n in A	E or Blank = Not Evaluated treas Marked by a. "• " EFFLUENT/DISPOSAL	
NC	1. • Permit		NE	PROGRAM: 3. Laboratory	IC	6. Facili	ity Site Review	SC	9. • Effluent Quality	
NA	2. Compliance Sc	hedules	NE	4. Sampling	IC	7. Flow	Measurement	IC	10.♦Effluent Disposal	
			NC	5. • Records & Reports	NC	8. Opera	ation & Maintenance	IC	11. Residuals/Sludge	
	13. Other:							NA	12. Groundwater	
Facili	ty and/or Order Com	pliance Status:		In-Compliance	Out-Of-Com	pliance	Significant-O	ut-Of-(Compliance	
Reco	nmended Actions: No	ncompliance L	etter			<u> </u>				
Name	(s) and Signature(s) o	f Inspector(s)					District Office/Phon			
_	ick Farris Tart	Line 1	ann.	2			Central District 407	-893-3	10/6/05	
Patr	ick Farris									
@ S	gnature of Reviewer	<u></u>			<u> </u>		District Office/Phon	e Num	ber Date	
	na Warren da	wan	en				Central District 407		10/10/05	
	- Andre - Andre			All Surface Water	Discharn	er Then	ections (CEL C	SI (CBI, PAI, XSI, RI)	
Tra	nsaction Code			PDES Number	IAL NPDES	YR/M	O/DA Insp	Тур:		
	ection Type (Field ection Code (Field	and the second		SI, C=CEI, S=CSI, X=>	(SI, R=RI			Prog	ram	

Revised: May 26, 2004

INSPECTION FINDINGS

Facility Name: HOLIDAY HAVEN (DW) Facility ID: FLA010655 Inspection Type: CEI Date: 9/20/05 10:01:00 AM

FACILITY BACKGROUND:

Address: PEARL AND LISA STREETS, ASTOR, FL, LAKE COUNTY Permit Information: Wastewater Permit issued: 8/7/2001, and expires: 8/5/2006 Treatment Summary: EXTENDED AERATION SEWAGE TREATMENT PLANT W/EFFLUENT TO A PERCOLATION POND AND A SPRAYFIELD

Permitted Capacity: 0.025 MGD

1. Permit: IN COMPLIANCE

1.1 Observation : A copy of the permit was onsite and available to plant personnel.

- 2. Compliance Schedules: NOT APPLICABLE
 - 2.1 Observation: Not Applicable.
- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation: Not Evaluated.
- 4. Sampling: NOT EVALUATED

4.1 Observation : Not Evaluated.

- 5. Records and Reports: OUT OF COMPLIANCE
 - 5.1 <u>Observation</u>: General The response to the previous noncompliance letter was not received. The noncompliance letter is attached with this report.

Additional Comments: The Department did not receive the DMR for August 2004.

5.2 <u>Observation</u>: General - Current copies of the licenses for the certified operators working at the facility were not available at the time of the inspection.

Additional Comments: A current copy of the laboratory certification was not available at the time of the inspection.

5.2 Observation : General - Entries in the operator log were clear, concise, informative, and relevant.

Additional Comments: A copy of the Operation and Maintenance Manual was on site.

5.3 Observation : A review of the Discharge Monitoring Reports revealed several reporting deficiencies.

Additional Comments: DMRs were reviewed from July 2004 to June 2005.

On the DMRs for July 2004 through February 2005 the annual average daily flow for the sprayfield and total through the plant were reported as unrealistic values ranging from 0.161 to 0.201 MGD. The permitted capacity of the plant is 0.025 and the sprayfield is 0.0186 MGD.

6. Facility Site Review: IN COMPLIANCE

- 6.1 Observation : Aeration Basins/Act. Sludge The contents in the aeration chambers appeared to be adequately mixed.
- 6.2 Observation : Clarifiers The clarifier had good settling and clear effluent.
 - Additional Comments: Few pop-ups
- 6.3 Observation: Disinfection The chlorine contact chamber was clean and the effluent leaving the plant was clear.
- 6.4 Observation : Digestors No problems or deficiencies were observed in the digestors.
- 7. Flow Measurement: OUT OF COMPLIANCE

7.1 Observation : Documentation of calibration for the flow meters was not available at the time of the inspection.

8. Operation and Maintenance: IN COMPLIANCE

INSPECTION FINDINGS

Facility Name: HOLIDAY HAVEN (DW) Facility ID: FLA010655 Inspection Type: CEI Date: 9/20/05 10:01:00 AM

8.1 Observation: The facility was operated and maintained in accordance with the description in the Permit.

9. Effluent Quality: SIGNIFICANT OUT OF COMPLIANCE

9.1 Observation: A review of the Discharge Monitoring Reports revealed several effluent violations.

Additional Comments: The annual average results for TSS and CBOD₅ exceeded the permitted limits of 20.0 mg/L on the DMRs from July 2004 through February 2005.

The annual average results for fecal coliform exceeded the permitted limit of 200 fcc/100mL on the DMRs from July 2004 through February 2005. The exceedance occurred in June 2004 and was addressed on the previous inspection report. The fecal coliform exceedance was reported to the Department within 24 hours of discovery. However, during this file review, it is unclear of how the annual average is calculated to achieve such high numbers. The fecal result for June 9, 2004 was 19,000 fcc/100 mL with a second sample result of 4 fcc/100 mL taken on June 23, 2004. The monthly geometric mean was 276 fcc/100 mL. This number should be used for the calculations of annual average. Please investigate and explain why the annual averages for the months of July 2004 through February were 264 with the exception of September 2004 that was 278 fcc/100 mL.

- 10. Effluent Disposal: IN COMPLIANCE
 - 10.1 Observation : The percolation ponds appeared to be well maintained

Additional Comments: Sprayfield appeared to be well maintained also.

- 11. Residuals/Sludge: IN COMPLIANCE
 - 11.1 Observation : General No problems or deficiencies were observed.

Additional Comments: Agreement with Shelly's RMF.

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation: The facility is exempt from ground water monitoring in accordance with Rule 62-522.600; F.A.C.



Department of Environmental Protection

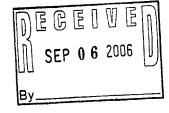
Jeb Bush Governor Northeast District 7825 Baymeadows Way, Suite B-200 Jacksonville Florida 32256-7590

Colleen M. Castille Secretary

August 16, 2006

Mr. Glenn P. LaBrecque Vice President, Aqua Utilities Florida, Inc. Suite 400, 6960 Professional Parkway East Sarasota, Florida 34240

RE: Putnam County - Domestic Waste Park Manor Subdivision WWTF - FLA011706 Compliance Evaluation Inspection



Dear Mr. LaBrecque:

The Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the Park Manor Wastewater Treatment Facility on June 27, 2006. The Department's Wastewater Compliance Inspection Report and photos from the inspection have been attached. The following are comments for areas of special interest noted during the inspection and file review:

PERMIT

The facility is permitted to operate an existing 0.015 MGD AADF Category III (extended aeration) domestic wastewater treatment facility consisting of three 5,000 gallon aeration basins, one 4,400 gallon clarifier, a 805 gallon chlorine contact chamber, and a 2,270 gallon aerobic digester. Chlorinated effluent is discharged to two percolation ponds. Domestic wastewater residuals are transported to American Pipe & Tank, Inc. or Shelley's Environmental Systems, Inc. for final treatment and land application.

The permit was revised in February 2006 to modify Section II - Residuals Management Requirements to include the transport of residuals to two additional RMFs: the 412 Biosolids Processing Facility and Central Process Residuals Management Facility (RMF). Permit FLA011706 was issued on January 16, 2003 and expires on January 15, 2008.

SAMPLING

Operator coverage for the facility is 5 days/week for $\frac{1}{2}$ hour per visit. Operator(s) at the facility analyze samples for pH, total residual chlorine (TRC) and in-plant process control. The operator was present at the time of the inspection, and recorded flow (0.0043 MGD), pH (7.2 SU) and TRC (2.2 + mg/L) readings for the day. Grab samples from the facility are sent to Harbor Branch Environmental Laboratories, Inc. in Deltona, Florida.

RECORDS AND REPORTS

A bound logbook was maintained on-site and was available for review during the inspection. The following observations were recorded in the logbook:

- The name of the facility, day, month and year.
- The operator in and out times.

Mr. Glenn LaBrecque July 31, 2006 Page 2: Park Manor SD WWTF

- Flow, pH, TRC measurement results and process control activities.
- Maintenance performed at the facility.

Other compliance monitoring records and reports reviewed included:

- A copy of the operator's current license (#C-0009320, effective Nov 2005 April 2007)
- A copy of the current facility permit
- Operator's daily chlorine and pH measurement instrument calibration logs
- Sludge hauling records and invoices for the April 2005 April 2006 period
- A comprehensive Operations & Maintenance notebook covering major areas of facility operations (Process Control, Equipment Maintenance, Safety Procedures, etc)

FACILITY SITE REVIEW

The following observations were made at the facility:

- The facility is secured within a fence with locked gate. The wooden fence securing the facility grounds is weathered and exhibiting initial signs of fatigue (evidence of wood decay and deterioration at ground-level) and should be either reinforced or replaced in its entirety.
- An advisory sign is posted at the facility.
- Flow to the facility averaged 0.0051 MGD during the June 2005 April 2006 period.
- The RPZ backflow prevention device was calibrated on October 4, 2005.
- The facility grounds were clean and percolation ponds were well maintained.
- The facility has an auto-dialer for the alarm on the off-site lift station, however, at the time of the inspection it was not connected and the feature was not being used. Please connect the auto-dialer so the appropriate individuals are notified if the lift station alarm is triggered or provide some justification as to why this feature is inoperative. In accordance with Florida Administrative Code (F.A.C.) Rule 62-604.500(3), all necessary equipment shall be maintained to function as intended, and per F.A.C. Rule 62-600.410(8), corrective action shall be taken by the permittee in the event that the treatment facility equipment no longer function as intended.

FLOW MEASUREMENT

Flow is determined using elapsed time-meters (ETM) on the on-site lift station pumps. The ETM devices were checked and calibrated on June 26, 2006, through drawdown testing of the lift station pumps.

OPERATION AND MAINTENANCE

All units of the facility were in operation at the time of the inspection. The mixed-liquor in the three aeration basins was thin with a light-brown color. The clarifier skimmer had minimal algae growth and a visual inspection of the weirs indicated a need for more frequent cleaning and maintenance. The effluent in the chlorination tank appeared to be clear with minimal turbidity; the aerobic digester had adequate 3-3 ½ ft. freeboard at the time of the inspection. The embankments, berm and basins of the two percolation ponds were well maintained with minimal vegetation growth in basins or embankments.

EFFLUENT

Effluent is discharged via gravity-flow to two percolation ponds. Effluent flow to each pond is alternated on a weekly basis. Discharge Monitoring Reports (DMRs) for the facility were examined during the file review for the June 2005 through April 2006 period and there was not any record of effluent-parameter exceedances or violations. Mr. Glenn LaBrecque July 31, 2006 Page 3: Park Manor SD WWTF

A few minor transcription errors in the recording of monitored parameters from the laboratory analyses sheets to the DMR forms were noted during the File/Records review. For example, the March 2006 nitrogen parameter was reported to be 0.06 mg/L on the DMR whereas the laboratory analyses reported a value of 0.062 mg/L; similarly, data qualifiers reported on the laboratory sheet, on a few occasions, do not appear to be accurately recorded on the corresponding DMRs (October 2005, N = 0.060 U; February 2006, Fecal Coliform = 1.0) as required by *F.A.C. Rule 62-160*. The laboratory did not record the nitrogen parameter measurement for the December 2005 reporting period. A summary of the parameters reported on the monthly DMRs for June 2005- April 2006 is attached with the correct (laboratory-reported) values highlighted in yellow.

The Discharge Monitoring Reports (DMR), Laboratory Analyses and Chain of Custody forms for the facility were <u>not</u> available for reference or review at the facility during the inspection. Although these consolidated reports and records are submitted to the Department on a monthly basis in accordance with the Monitoring and Reporting Requirements Permit Condition I-B(7), the DMRs are also required to be kept on-site of the permitted facility per F.A.C. 62-620.350 the Operation and Maintenance Requirements permit condition V-5(a-i) for at least three years from the date of preparation of the report. *Please institute a program to retain a copy of these facility operating records on-site for accessibility and reference*.

SUMMARY

Overall, the facility was found to be in-compliance based upon the compliance evaluation inspection and records review. A copy of the inspection report is enclosed for your records with special emphasis to those items requiring attention and corrective action in *bold text* above.

Please extend my gratitude to Ralph Marriott and David Haring for their cooperation and assistance during the inspection. If you have any questions, please contact me at (904) 807 – 3323.

Sincerely,

A. Mehta.

Amul Mehta DEP DW Compliance / Assurance Section

AM:mml:khg:sc:am

Enclosures

DMR Summary June 2005 – April 2006 Wastewater Compliance Inspection Report WWTF Inspection Photographs

cc: Mr. Paul Thompson, WWTF Operations Supervisor - Aqua Utilities Florida, Inc. Mr. Brian Heath, Area Manager – Aqua Utilities Florida, Inc.

28 COMET ENTRY DATE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILI	TY AND INSPECT	101	INFO	RMATION		@ =	Optional
Name and Physical Location of Facility	WAFR ID:			County		Entry Da	ate/Time
PARK MANOR WWTF	FLA011706			Putnam		June 27	7, 2006 / 11:55 am
117 Park Road, Highway 20				Phone		@ Exit	Date/Time
Interlachen, FL 32148				_		June 27	7, 2006 / 12:50 pm
Name(s) of Field Representatives(s)	Title					Phone	
Ralph Marriott	Lead Operator, I	LIC# C	0009320			(386)	937-0187
David Haring	Operator					(386)	937-1091
Paul Thompson	Senior Operator					(386)	329-1122
Name and Address of Permittee or Designated F	Representative T	itle		Phone		@ Ope	rator Certification #
Mr. Glenn P. LaBrecque	V	'P / CC	0	(352) 787-098	3 0 ,		
Aqua Utilities Florida, Inc							
Suite 400, 6960 Professional Parkway I	East						
Sarasota, FLORIDA 34240							
Inspection Type C E I Samp	les Taken(Y/N): N	@	Sample ID#:			Samples	Split (Y/N):
Domestic 🗌 Industria	Were Photos Taken(Y)	N): Y		@ Log book Volum	e :		@ Page
IC = In Compliance; NC = Out of CC Significant Non-Compliance Crite PERMITS/ORDERS IC 1. + Permit 2. + Compliance Schedules 13. Other: Facility and/or Order Compliance Status: Recommended Actions: Name(s) and Signature(s) of Inspector(s) Armul Mehta @ Signature of Reviewer	Tia Should be Reviewed Whe SELP MONITORING PROGRAM 3. Laboratory 4. Sampling 5. • Records & Reports In-Compliance 0	sut of C	Ompliance: of Complian PACILITY 6. Facility 7. Flow M 8. ♦ Operati	NA = Not Applica	ble; 1 ren ih IC IC NA Out-Of- PNumb	NE or B Areas N For L 9. •E 10. •E 11. R 12. G Compliance er	Marked by a "* " ENTADISPOSAL ffluent Quality ffluent Disposal esiduals/Sludge broundwater
Kathleen Gerard	······································						
Fill Out This Section For Transaction Code N 5 F L A Inspection Type (Field 1) A=PAI, B=C Inspection Code (Field 2): S=State, J= Facility Type (Field 3): 1=Municipal (I	ADDITIONAL CBI, C=CEI, S=CSI, X=XSI, Joint EPA/State-EPA Lead, 7	NPDE R=RI [=Join]	YR/M) 6 0 S COMME S COMME	O/DA Ins 6 2 7 1 NTS -State Lead, L=Loc	al Pro	pe 2 ogram	Inspector Fac Type
Every other field is self explanatory			-		0	-,	

Revised: May 26, 2004

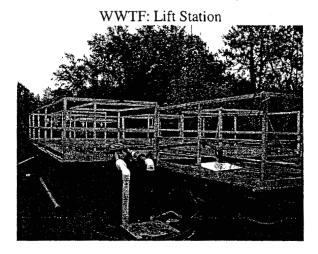
PARK MANOR SUBDIVISION WWTF: DMR June 2005 - April 2006 FLA011706

	FLON	V INF-I [N 5 DAYS/WR	AGD]	T.	HC ang/1	1. 	pH6 (SU	W L		
	· Annua l 🐑	AADF <= 0.0	01500 MGD <u>u</u> 1993–MoAvg		>:0.5.mo//14		5	6.0		
DATE	Avg	Mo Avg			MIN MO AVO		MAX	MIN		
				% Capacity						
Apr-06	0.008	0.006		42.2%	1.8		7.5	7.2	· ·	
Mar-06	0.008	0.006		40.0%	2.2		7.3	7.2		
Feb-06	0.008	0.007		40.0%	2.2		7.2	7.1	1	
Jan-06	0.007	0.005		35.6%	2.2		7.3	7.1]	
Dec-05	0.007	0.006	-	44.4%	2.2		7.3	7.1		
Nov-05	0.003	0.005		20.0%	2.2		7.2	7.1		
Oct-05	0.003	0.009		28.9%	2.0		7.2	7.1		
Sep-05	0.003	0.011		33.3%	1.2		7.2	7.0		
Aug-05	0.003	0.011		33.3%	1.6		7.3	7.0		
Jul-05	0.003	0.015		42.2%	2.0		7.3	6.9		
jui-00 [7.4	7.1		
Jun-05	0.003	0.012	BOD CA	35.6%	0.9		- DSS Int		PECAL COLI	RORM
Jun-05		N m¢/Al	- BOD: CA	REONACEO	IIISImovaa	• • • • • • • • • • • • • • • • • •	- DSS Int		FECAL COLI MONTHLY <800	EORM ANNUAE A <200
Jun-05		N m¢/Al	BOD; CA 20<br Annual /AVg	REONACEO	IIISImovaa	anniavg	- DSS Int		FECAL COLI MONTHLY < 800 MAX	EORM ANNUALA S200 MAX
Jun-05	NITROGE MONTHLY < 12 MAX	N m¢/Al	- 20 Annual Avg	RBONACEC MONTHEM < 30 MONTHEAVO	US [mg//E]	AnnA∨g	TSS [mn Mon PH S Dif MO Avg	57 L) < 60 MAX	MONTHLY * < 800 MAX	ANNUALA \$200 Max
Jun-05 DATE Apr-06	NITROGE MONTHLY < 12 MAX 0.12	N m¢/Al	<20	RBONACEC MCNTHLA 30 MONTH AVG 2.0 U	US [mg/L]	аласта 20 АплАхд 1.9	TSS [ms MGN2HI S 30f MOLAVG	ζ∕ ID]4 (60- MAX 1.0 U	MONTHLY < 800 MAX 1.0 U	ANNUAT A <200 MAX 11.0
Jun-05 DATE Apr-06 Mar-06	NITROGE MONTHLY < 12 Max 0.12 0.062	N m¢/Al	<r20< td=""><td>RBONACEC MONTHL < 30</td> MONTHL 2.0 U 2.0 U</r20<>	RBONACEC MONTHL < 30	US [mg//L] 60] MAX 2.0 U 2.0 U	20 5 AnnAvg 1.9 2.0	TSS [mm MCN/EHI 304- MO Avg 1.0 U 1.2	5/ L] 5/ 60 MAX 1.0 U 1.2	МОЛТНІХ < 800 мах 1.0 U 1.0 U	ANNUAT A < 200 Max 11.0 11.0
Jun-05 DATE Apr-06 Mar-06 Feb-06	NITROGE MONTHLY < 12 MAX 0.12 0.062 0.40	N m¢/Al	<120 and Annual FAVg 2.1 2.1 2.2	RBONACEC MONTHLY 430 MONTHLY 2.0 U 2.0 U 2.0 U 2.8	US [mg/L] < 60 MAXI 2.0 U 2.0 U 2.8	20 AnnAvg 1.9 2.0 2.7	TSS [ms MON.PH 30% MOI Avg 1.0 U 1.2 2.3	5/L)+ <60 MAX 1.0 U 1.2 2.3	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0	ANNUALA <200 MAX 11.0 11.0 11.0
Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06	NITROGE MONTHLY < 12 MAX 0.12 0.062 0.40 0.060 U	N m¢/Al	<120 Annual + Avg : 2.1 2.1 2.2 2.2 2.2	RBONACEO MONTHEA 30 MONTHEAV9 2.0 U 2.0 U 2.8 2.0 U	US [mg//L] < 50 MAX 2.0 U 2.0 U 2.8 2.0 U	20 АплАуд 1.9 2.0 2.7 2.6	TSS [ms MGN 741 2 305 MO AVg 1.0 U 1.2 2.3 1.0 U	\$∕ L]=	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U	ANNUAL A <200 MAX 11.0 11.0 11.0 11.0
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Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Nov-05	NITROGE MONTHLY < 12 MAX 0.12 0.062 0.40 0.060 U ?? 0.27	N m¢/Al	<(20 an Annual FAVg) 2.1 2.1 2.2 2.2 2.2 2.2 2.1	RBONACEC MONTHLY < 30 MONTHEAV9 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U	US [mg/L 60 MAXI 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	20 AnnAvg 1.9 2.0 2.7 2.6 2.8 1.6	TSS [mm MON 191] MO AVg 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U	5/L)+ 260 MAX 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 3.0 1.0 U	ANNUALA <200 MAX 11.0 11.0 11.0 11.0 11.0 11.0 11.0 18.0
Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Nov-05 Oct-05	NITROGE MONTHLY < 12 MAX 0.12 0.062 0.40 0.060 U ?? 0.27 0.060 U	N m¢/Al	<120 4 Annual FAV9 2.1 2.1 2.2 2.2 2.2 2.2 2.1 2.1 2.1	RBONACEC MONTH 4 < 30 MONTH AV9 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	US [mg//L] 2.0 U 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	20 AnnAvg 1.9 2.0 2.7 2.6 2.8 1.6 1.7	TSS [mms Mon.ref Mo. Avg 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U 1.7	<pre>\$/ L]4 \$< 60 -> Max 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U 1.7</pre>	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 3.0 1.0 U 3.0 1.0 U 1.0 U 1.0 U	ANNUAT A <200 MAX 11.0 11.0 11.0 11.0 11.0 11.0 18.0 18.0
Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Nov-05 Oct-05 Sep-05	NITROGE MONTHLY < 12 Max 0.12 0.062 0.40 0.060 U ?? 0.27 0.060 U 0.10	N m¢/Al	<120 Annual ¥AVg 2.1 2.1 2.2 2.2 2.2 2.2 2.1 2.1 2.1 2.1	RBONACEC MONTHL X 30 MONTHL AVG. 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	US [mg//L] 2.0 U 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	20 AnriAvg 1.9 2.0 2.7 2.6 2.8 1.6 1.7 1.6	TSS [m. MGN 2411 30 MGN 2423 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U 1.7 1.1	2/ Ela 2/ 60- MAX 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.7 1.1	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 3.0 1.0 U 3.0 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U	ANNUAL A \$200 MAX 11.0 11.0 11.0 11.0 11.0 11.0 18.0 18.0 26.0
Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Nov-05 Oct-05 Sep-05 Aug-05	NITROGE MONTHLY < 12 MAX 0.12 0.062 0.40 0.060 U ?? 0.27 0.060 U 0.10 0.16	N m¢/Al	<(20 and Annual Avg) 2.1 2.1 2.2 2.2 2.2 2.2 2.1 2.1 2.1 2.1	RBONACEC MONTHL 30 MONTHL AVG 2.0 U 2.0 U	US [mg/L 60 MAX 2.0 U 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.1	20 AnnAvg 1.9 2.0 2.7 2.6 2.8 1.6 1.7 1.6 1.7	TSS [mm MON FH1 10 Avg 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U 1.7 1.1 1.5	5/ D]+ 1.0 U 1.2 2.3 1.0 U 1.1 1.5	MONTHLY <800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 3.0 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U	ANNUAL A <200 MAX 11.0 11.0 11.0 11.0 11.0 11.0 18.0 26.0 18.0
Jun-05 DATE Apr-06 Mar-06 Feb-06	NITROGE MONTHLY < 12 Max 0.12 0.062 0.40 0.060 U ?? 0.27 0.060 U 0.10	N m¢/Al	<120 Annual ¥AVg 2.1 2.1 2.2 2.2 2.2 2.2 2.1 2.1 2.1 2.1	RBONACEC MONTHL X 30 MONTHL AVG. 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	US [mg//L] 2.0 U 2.0 U 2.0 U 2.8 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U	20 AnriAvg 1.9 2.0 2.7 2.6 2.8 1.6 1.7 1.6	TSS [m. MGN 2411 30 MGN 2423 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.0 U 1.7 1.1	2/ Ela 2/ 60- MAX 1.0 U 1.2 2.3 1.0 U 1.0 U 1.0 U 1.7 1.1	MONTHLY < 800 MAX 1.0 U 1.0 U 1.0 U 1.0 U 3.0 1.0 U 3.0 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U	ANNUAL A \$200 MAX 11.0 11.0 11.0 11.0 11.0 11.0 18.0 18.0 26.0

U : Not Detected B: Results Based Upon Colony Counts Outside of Acceptable Range

29

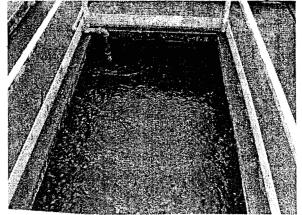
PARK MANOR SUBDIVISION WWTF : FLA 011706 CEI 6/27/2006



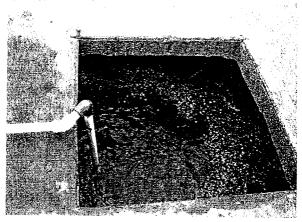
WWTF Perimeter Fence : Weathered Wood Fence Requiring Reinforcement / Replacement



Aeration Tank [1 of 3] : Thin Mixed Liquor

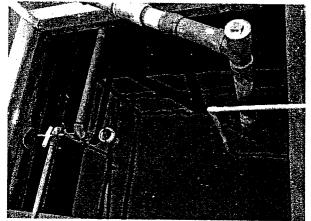


PARK MANOR SUBDIVISION WWTF : FLA 011706 CEI 6/27/2006

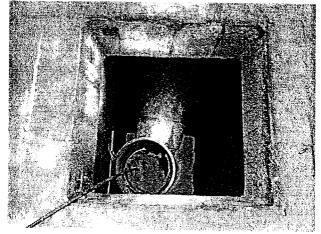


Distilling (Well) Chamber



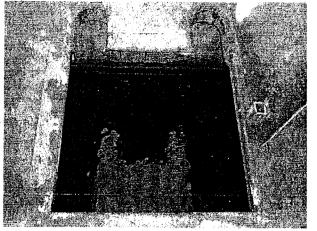


Chlorine Contact Chamber

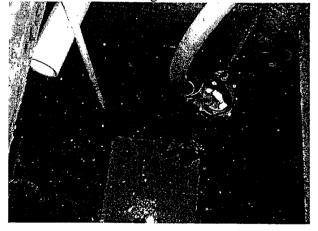


PARK MANOR SUBDIVISION WWTF : FLA 011706 CEI 6/27/2006

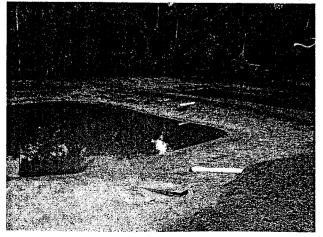
Chlorine Contact Chamber : Clear Effluent



Digester



Percolation Ponds : Embankments Well Maintained





Department of Environmental Protection

Jeb Bush Governor Southwest District 13051 North Telecom Parkway Temple Terrace, FL 33637-0926 Telephone: 813-632-7600

Colleen M. Castille Secretary

August 8, 2006

Mr. Jack Lihvarcik, President Aqua Utilities Florida, Inc. P. O. Box 490310 Leesburg, FL 34749

Re: Compliance Evaluation Inspection Jasmine Lake S/D WWTF Facility ID No. FLA012768 Pasco County

Dear Mr. Lihvarcik:

On July 27, 2006, the Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the referenced facility to determine compliance with wastewater requirements and, overall, the facility was Out of Compliance. A copy of the inspection report is attached for your records.

You are requested to respond to this letter with the plans you have made to correct any noted deficiencies and to submit any requested information for those items indicated by an asterisk (*). Your response is requested to be in writing and should include a time frame needed to achieve compliance. This response is due to the Department by September 1, 2006. Please direct any questions to the undersigned at (813) 632-7600, extension 411, or e-mail: jerry.nichols @dep.state.fl.us.

Sincerely,

eny Ellisto

Jerry E. Nichols Environmental Specialist II Domestic Wastewater Program

Attachment

cc: Mr. Dennis Muldoon, Operator of Record

"More Protection, Less Process" Printed on recycled paper.

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional

Name and Physical Location of Facility WAFR I			WAFR ID:	County			Entry Date/Time				
Jasmine Lakes S/D WWTF			FLA012768			Pasco 7/27/20		2006 12:30:00 AM			
1000 Holly Drive			Phone			Phone	@ Exit Date/Time				
Port Richey, FL						(813) 938-6463	7/27/2006 2:00:00 PM				
Name(s) of Field Representatives(s) Title					Title				P	bone	
					Operator of Reco	rd			(:	352) 302-9713	
								······································			
Name and Address of Permittee or Designated Representative					oresentative Title	Phone			@ Operator Certification #		
Mr. Jack Lihvarcik					Presid	esident (352) 552-8532					
P. O. Box 490310 Aqua Utilities											
Leesburg, FL 34749 Florida, Inc.											
Inspection Type C E I			Samples Taken(Y/N): N	@ Sam) Sample ID#:			Samples Split (Y/N): N			
X Domestic Industrial		al	Were Photos Taken(Y/N): N	@ Log book Volume :		.og book Volume :	@ Page				
S	ignificant N	lon-Con	npliance	Criteria	Compliance; SC = Significant o Should be Reviewed when Out S 13 Aloxy (2010) (100,000)	of Com	plianc	e Ratings Are Given in	Areas I	Marked by a " • "	
IC	1. ♦Permit			IC	3. Laboratory	IC	6. Fa	acility Site Review	IC	9. • Effluent Quality	
NA	2. ♦Compl	iance Sc	hedules	IC	4. Sampling	IC	7. F	low Measurement	NC	10. ♦ Effluent Disposal	
NC 5. • Records			5. • Records & Reports	NC	1	Operation &	IC	11. Residuals/Sludge			
NE 13. Other: NC 12. Groundwater							12. Groundwater				
Facility	and/or Order	Complia	nce Status	• _	In-Compliance	X Ou	t-Of-C	ompliance _	Signific	ant-Out-Of-Compliance	
Recom	mended Action	ns: See att	ached Field	l Notes			_				
Name(s) and Signature(s) of Inspector(s)				1 Ca 1 .			District Office/Phone Num	ber	Date		
Vicki Wheeler			ity While	_		SWD(813)632-760	0X308	8-3-06			
Jerry Nichols Jerry E. Tucho SWD(813)632-7600X411							8-3-06				
Bignature of Reviewer Michele Duggan Mullulu Juckau SWD(813)632-7600X335 OSO30							Date 08 03 06				
Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)											
Transaction NPDES Number YR/MO/DA Insp. Inspector Type Type											
ADDITIONAL NPDES COMMENTS											
Inspec Facili	ction Code ((Field 2) eld 3): 1): S=Sta I=Munic	ite, J=Jo Sipal (Pu	BI, C=CEI, S=CSI, X=XSI, R=R int EPA/State-EPA Lead, T=Joi iblicly Owned), 2=Industrial and	int State			-	i, 4=Federal	

INSPECTION FINDINGS

Facility Name: Jasmine Lakes S/D WWTF Facility ID: FLA012768 Inspection Type: Compliance Evaluation Inspection Date: 7/27/2006 at 2:00:00 PM

Facility Background: Address: 1000 Holly Drive, Port Richey, FL, Pasco County Permit Information: Wastewater Permit issued: 10/4/2000, and expired: 10/3/2005 Treatment Summary: Type II Extended Aeration Permitted Capacity: 0.3685 MGD

- 1. Permit: In Compliance
 - 1.1 Observation: A copy of the permit was on site and available to plant personnel. The current permit expired on November 2004. An applicant for renewal was timely and the current permit is administratively continued by the Department.
- 2. Compliance Schedules: Not Applicable
- 3. Laboratory: In Compliance
 - 3.1 Observation: The laboratory is certified by the Department of Health.
- 4. Sampling: In Compliance
 - 4.1 Observation: No problems or deficiencies were identified.
- 5. Records and Reports: Out of Compliance
 - 5.1 *Observation: General There were several transcription errors found in the Discharge Monitoring Reports (DMRs) from December 2004 through January 2006:
 - 5.1.a The May 2005 through January 2006 DMRs' percent capacity appeared to be miscalculated.
 - 5.1.b The July 2005 DMR's monthly maximum Fecal Coliform should read 96 CFU/100 mL.
 - 5.1.c The August 2005 DMR's CBOD and TSS annual average appeared to be miscalculated.
 - 5.1.d The August 2005 DMR's annual average daily flow appeared to be miscalculated.
 - 5.1.e The November 2005 DMR's three-month average daily flow appeared to be miscalculated.
 - 5.1.f The December 2005 DMR's CBOD monthly average and monthly maximum appeared to be influent data.

5.2 Observation: General - All required documents and reports were available at the facility.

- 6. Facility Site Review: In Compliance
 - 6.1 Observation: General The facility grounds were secured properly.

Jasmine Lakes S/D WWTF Facility ID: FLA012768 Pasco County Page 3 of 3

11. Residuals/Sludge: In Compliance

11.1 Observation: General - No problems or deficiencies were observed.

- 12. Groundwater Quality: Out of Compliance
 - 12.1 Observation: A review of the 2005 ground water monitoring reports revealed the following exceedances in compliance wells #MWC-03, #MWC-04 and #MWC-05 for Total Dissolved Solids, Chloride, Sodium, Fecal Coliform and Ammonia. Please investigate.
- 13. Other: Not Evaluated



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

Colleen M. Castille Secretary

Sent Via Email to: gplabrecque@aquaamerica.com

October 5, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PKWY SUITE 400 SARASOTA FL 34240 OCD-C-WW-05-0957

ATTENTION GLENN LABRECQUE VICE PRESIDENT

Volusia County - DW Jungle Den WWTP Wastewater Facility - Permit No. FLA011621 Noncompliance Letter

Dear Mr. LaBrecque:

On September 20, 2005, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

- 1. A copy of the permit was not available on-site.
- 2. A copy of the operation and maintenance manual was not on-site.
- 3. A copy of the license for each certified operator that services this facility was not on-site.
- 4. A copy of the laboratory certification was not on-site.
- 5. The Discharge Monitoring Report (DMR) for the month of August 2004 was not received. DMRs must be submitted monthly.
- 6. The Department has not received a response to the Noncompliance Letter, Number OCD-C-WW-04-1164, dated December 6, 2004, which is enclosed.
- 7. Documentation of calibration for the elapsed time meters was not available on-site. Flow measuring devices must be calibrated at least annually.

Jungle Den WWTF OCD-C-WW-05-0957 Page 2

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Ed Fitzgerald at (407) 893-3313.

Sincerely,

Kelanen

Kalina Warren Supervisor Wastewater Compliance/Enforcement

KW/etf/ww

Enclosures: Inspection Report Noncompliance Letter No. OCD-C-WW-04-1164

cc: Volusia County Environmental Management, dabrahamson@co.volusia.fl.us

COMET ENTRY DATE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional

Name and Physical Location of Facil	ity WAFR ID:			County	E	Entry Date/Time		
Jungle Den	FLA011261		Volusia			09-20-05 @ 1125 hrs		
1901 Alice Drive, Astor, Fl			Phone @ Ex		a Exit Date/Time			
Name(s) of Field Representatives(s)	Title					Phone		
Name and Address of Permittee or D	esignated Representative	Title		Phone		Ø Operator Certification #		
Aqua Utilities Florida Glenn LaBrecque		vice president						
6960 Professional Parkway E Suite 400), Sarasota, Fl 34240	• •						
Inspection Type C E I	Samples Taken(Y/N): No	@ Sa	mple ID#:		Sa	amples Split (Y/N): N		
Domestic 🗌 Ii	ndustrial Were Photos T	`aken(Y/N): N	(a Log book Volume:	:	@ Page		
IC = In Compliance; NC = 0	FACILITY COMPL Out of Compliance; SC = Signif nce Criteria Should be Reviewe SELF MONITORING PROGRAM	icant out of Com d when Out of C	pliance; N ompliance	IA = Not Applicab	le; NI n in A			
NC 1. • Permit FLA011261	NE 3. Laboratory		Facility S		IC	9. • Effluent Quality		
NA 2. • Compliance Schedules	NE 4. Sampling		Flow Mea			10. • Effluent Disposal		
NA 13. Other:	NC 5. • Records & Reports	IC 8.	 Operation 	& Maintenance		 Residuals/Sludge Groundwater 		
Facility and/or Order Compliance St	atus: In-Compliance	Out-Of-Compli	ance	Significant-O	ut-Of-C	ompliance		
Recommended Actions: noncomplian	ce letter							
Name(s) and Signature(s) of Inspecto				District Office/Phone	e Numb	per Date		
Edward T. Fitzgerald	I Stitzgendl			Central District 407-	-893-3	313 09-30-05		
@ Signature of Reviewer				District Office/Phone	e Numb	per Date		
Kalina Warren <i>Uku</i> a	nen			Central District 407-	-893-3	313 10/05/05		
	on For All Surface Wate	r Discharge	Inspec	tions (CEI, CS	SI. C	BI. PAI. XSI. RI)		
Transaction Code	NPDES Number		YR/MO/		Туре	Inspector Fac Ty		
N 5	ADDITIONAL	NPDES COMM	ENTS	1		2 3		
	PAI, B=CBI, C=CEI, S=CSI, X=		-	an a				
	State, J=Joint EPA/State-EPA L							
Facility Type (Field 3); 1=Mu Every other field is self explan	nicipal (Publicly Owned), 2=Inc	lustrial and Priva	tely Own	ed Domestic, 3= A	gricul	tural, 4=Federal		
Every other field is self explan	логу				1.1.1.1.			

Jungle Den

Inspection Comments for Jungle Den

Inspected 09-20-05

Jungle Den, FLA011261, expiration date 07-20-05 is an existing 0.021 mgd AADF extended aeration wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of residuals. Effluent is disposed of in two six day holding ponds and then to a sprayfield. Residuals are transported to Shelley's Septic Service. Permit in-house in a timely manner.

PERMIT: Out of Compliance

• There was not a current permit on-site. Note: According to the operator the paperwork may have been in a locked container for which he had no key. This includes the permit, the O&M manual, operator certification, laboratory certification, and flow calibration.

COMPLIANCE SCHEDULE: Not Applicable

LABORATORY: Not Evaluated

SAMPLING: Not Evaluated

RECORDS AND REPORTS: Out of Compliance

- There was a lab certification on-site. The laboratory certification was expired. Harbor Branch
- There was not an Operations and Maintenance Manual on-site.
- There was a bound and numbered logbook on site. The logbook contained sufficient operation and maintenance entries.
- There was not an operator certification on-site.
- DMR paperwork review (exceedances noted under EFFLUENT), July 2004 through August 2005; all submitted in timely fashion.
 - August 2004 DMR missing.
 - + is used on Part B of the DMR. < should be used.
 - U is used on Part A of the . < should be used.
 - There was no response to NCL # OCD-C-WW-04-1164 dated 12-06-2004.

FACILITY SITE REVIEW: In Compliance

- ACCESS: Facility was fenced with signs.
- HEADWORKS: lift station
- AERATION: aeration was good with no dead spots.
- RETURN SLUDGE: working properly.
- MIXED LIQUOR: The color was dark.
- STILLING WELL: The stilling well contained very few solids.
- CLARIFIER: The clarifier contained some small floating solids. The skimmer was operating properly.
- WEIR: The weir appeared to be level. There were no solids in the weir.
- Cl2 TYPE; Liquid.
- Chlorine Contact Chamber: The CCC was getting sufficient chlorine.

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Revised May 26, 2004

Jungle Den

- DIGESTER: The digester was was 1/4 full.
- RPZ: The RPZ was sufficient.

FLOW MEASUREMENT: Out of Compliance

• There was no flow calibration on-site.

OPERATION AND MAINTENANCE: In Compliance

EFFLUENT: In Compliance

- Review period July 2004 to August 2005,
- Permit limit violations none for the review period.

EFFLUENT DISPOSAL: In Compliance

• percolation pond and sprayfield. Both were in good operating condition.

RESIDUALS MANAGEMENT: Not Evaluated

Residuals go to Shelly's Septic Service.

FIELD MEASUREMENTS: Not Evaluated

GROUNDWATER: Not Applicable



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

Colleen Castille Secretary

SENTVIA EMAIL TO: gplabrecque@aquaamerica.com

December 6, 2004

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY E SUITE 400 SARASOTA FLORIDA 33240 OCD-C-WW-04-1164

ATTENTION GLENN LABRECQUE VICE PRESIDENT

> Volusia County - DW Jungle Den WWTP Wastewater Facility - Permit No. FLA011261 Noncompliance Letter

Dear Mr. LaBrecque:

On December 1, 2004, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

- Sample results that do not meet National Environmental Laboratory Accreditation Conference (NELAC) established quality control limits should be reported on Part B of the Discharge Monitoring Report (DMR) with the appropriate laboratory data qualifier code. Please see inspection report for details.
- 2. A thick crust of floatables and other material was noted behind the clarifier stilling well baffle.
- 3. Solids were present in the chlorine contact chamber.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Ed Fitzgerald at (407) 893-3313.

Sincerely,

Kle anen

Kalina Warren Supervisor Wastewater Compliance/Enforcement

KW/etf/ww

Enclosure: Inspection Report Wastewater Compliance Information Flyer

cc: Volusia County Environmental Management <u>dabrahamson@co.volusia.fl.us</u>

COMET ENTRY DATE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Jungle Den	FLA011261	Volusia	12-01-04 @ 1010 hrs
1901 Alice Drive, Astor, Fl		Phone	@ Exit Date/Time
Name(s) of Field Representatives(s)	Title		Phone
David Haring	operator		
Name and Address of Permittee or Designated Re	presentative Title	Phone	@ Operator Certification #
Aqua Utilities Florida			
Glenn LaBrecque 6960 Professional Parkway E Suite 400, Sarasota, Fl	vice president 34240		
Inspection Type C E I Samples	Taken(Y/N): No @ Sample ID	#:	Samples Split (Y/N): N
🛛 Domestic 🗌 Industrial	Were Photos Taken(Y/N): N	@ Log book Volume	@ Page
IC = In Compliance; NC = Out of Com Significant Non-Compliance Criteria PERMITS/ORDERS	ITY COMPLIANCE AREA pliance; SC = Significant out of Compliance Should be Reviewed when Out of Complia ELF MONITORING FROGRAM	e; NA = Not Applicab	le; NE or Blank = Not Evaluated
		ty Site Review	IC 9. • Effluent Quality
NA 2. Compliance Schedules NE 4	. Sampling IC 7. Flow	Measurement	IC 10. ♦ Effluent Disposal
NQ 5 NA 13. Other:	• Records & Reports IC 8. • Opera	ation & Maintenance	NE 11. Residuals/Sludge
			NA 12. Groundwater
Facility and/or Order Compliance Status: 🗌 In	-Compliance Out-Of-Compliance	Significant-O	ut-Of-Compliance
Recommended Actions: noncompliance letter			
Name(s) and Signature(s) of Inspector(s)		District Office/Phone	Number Date
Edward T. Fitzgerald Edward Strage	ll	Central District 407-	
Signature of Reviewer Kalina Warren Kalina Warren		District Office/Phone Central District 407-	10/00/01
Kalina Warren	<u></u>		
	Il Surface Water Discharger Insp DES Number YR/M ADDITIONAL NPDES COMMENTS	O/DA Insp	and the second
Inspection Type (Field 1) A=PAI, B=CBI Inspection Code (Field 2): S=State, J=Join Facility Type (Field 3): 1=Municipal (Pub Every other field is self explanatory	, C=CEI, S=CSI, X=XSI, R=RI ht EPA/State-EPA Lead, T=Joint State/EPA licly Owned), 2=Industrial and Privately O	-State Lead, L=Local wned Domestic, 3= A	Program gricultural, 4≓Federal

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Jungle Den

Inspection Comments for Jungle Den

Inspected 12-01-04

Jungle Den, FLA011261, expiration date 07-20-05 is an existing 0.021 mgd AADF extended aeration wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of residuals. Effluent is disposed of in two six day holding ponds and then to a sprayfield. Residuals are transported to Shelley's Septic Service.

PERMIT: In Compliance

• There was a current permit on-site.

COMPLIANCE SCHEDULE: Not Applicable

LABORATORY: Not Evaluated

SAMPLING: Not Evaluated

<u>RECORDS AND REPORTS:</u> Out of Compliance

- There was a lab certification on-site. Harbor Branch, the certification was expired
- There was an Operations and Maintenance Manual on-site.
- There was a bound and numbered logbook on site. The logbook contained sufficient operation and maintenance entries.
- There was an operator certification on-site.
- DMR paperwork review (exceedances noted under EFFLUENT), November 2003 through July 2004; all submitted in timely fashion. November and December 2003 FC was not reported with proper qualifier code Y.

FACILITY SITE REVIEW: Out of Compliance

- ACCESS: Facility was fenced with signs.
- HEADWORKS: lift station
- AERATION: aeration was good with no dead spots.
- RETURN SLUDGE: working properly.
- MIXED LIQUOR: The color was good.
- STILLING WELL: The stilling well contained a thick crust of solids.
- CLARIFIER: The clarifier contained some small floating solids. The skimmer was
 operating properly.
- WEIR: The weir appeared to be level. There were no solids in the weir.
- CI2 TYPE; Liquid.
- Chlorine Contact Chamber: The CCC was getting sufficient chlorine. There was pin floc solids in the CCC.
- DIGESTER: The digester was was full.
- RPZ: The RPZ was sufficient.

FLOW MEASUREMENT: In Compliance

last calibration was on 02-26-04

OPERATION AND MAINTENANCE: In Compliance

Jungle Den

EFFLUENT: In Compliance

- Review period November 2003 to July 2004,
- Permit limit violations none for the review period.

EFFLUENT DISPOSAL: In Compliance

• two percolation ponds. on-site and one off-site sprayfield. There were signs around the sprayfield area.

RESIDUALS MANAGEMENT: Not Evaluated

• Residuals go to Shelly's Septic Service.

FIELD MEASUREMENTS: Not Evaluated

GROUNDWATER: Not Applicable



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

Colleen Castille Secretary

SENT VIA E-MAIL TO: gplabrecque@aquaamerica.com

January 31, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY SUITE 400 SARASOTA FLORIDA 34240 OCD-C-WW-05-0097

ATTENTION GLENN LABRECQUE VICE PRESIDENT

> Lake County - DW Kings Cove WWTF Wastewater Facility - Permit No. FLA010590 Morningview WWTF Wastewater Facility - Permit No. FLA010610 Summit Chase WWTF Wastewater Facility - Permit No. FLA010533 Valencia Terrace WWTF Wastewater Facility - Permit No. FLA010599 Venetian Village WWTF Wastewater Facility - Permit No. FLA010567 Noncompliance Letter

Dear Mr. LaBrecque:

On January 20 2005, Department personnel conducted routine inspections of your wastewater facilities, listed above. At the time of the inspections, the overall operation of your facilities were found to be in substantial compliance with the terms and conditions in Permit Numbers FLA010590, FLA010610, FLA010533, FLA010599, and FLA010567. Copies of the inspection reports are enclosed for your review.

Your continued cooperation with our wastewater program is appreciated. If you have any questions, please contact me at the above address or at (407) 893-3313.

Sincerely,

6. Farris

Patrick Farris Environmental Specialist Wastewater Compliance/Enforcement

PF/ww

Enclosures: Inspection Report

Wastewater Compliance Information Flyer

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us

COMET ENTRY DATE 0 1 / 2 6 / 0 5

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

Name and Physical Location of Facility		WAFR ID:					(a) = Optional
Kings Cove WWTF					County		Entry Date/Time
		FLA010590			Lake		1/20/05
End of Maple Leaf Dr.					Phone	(@ Exit Date/Time
Leesburg Florida							
Name(s) of Field Representatives(s)		Title					Phone
Will Fontaine		Field Coordinator					
Name and Address of Permittee or Design	ated Representati	ve	Title		Phone		Operator Certification #
Glenn LaBrecque			Vice Presid	ent			Will Fontaine B-7113
Agua Utilities Florida Inc.							
Post Office Box 609520			Email		Fax		
Orlando FL 32860-9520				@aquaameric			
			com	Grq			
Inspection Type C E I	Samples Taken(Y	/N): No	@	Sample ID#:		s	amples Split (Y/N):
Domestic Indus	strial	Were Photos Taken	(Y/N):		@ Log book Volume	: elP	@ Page
	CILITY	COMPLIA	NCE				
					EVALUAT		
IC = In Compliance; NC = Out of Significant Non-Compliance							
THE REPORT OF THE PARTY OF THE REPORT OF THE PARTY OF THE		osurorasa Autor					
					Ola Paulas		
IC 1. • Permit	NE 3. Lab				y Site Review Measurement	IC	9. • Effluent Quality
NA 2. Compliance Schedules						IC	10. • Effluent Disposal
13. Other:	IC 5. • Rec	ords & Reports	IC	8. • Opera	tion & Maintenance	IC NA	11. Residuals/Sludge 12. Groundwater
13. Other:		· · · · · · · · · · · · · · · · · · ·				INA	
Facility and/or Order Compliance Status:		nce	Out-Of-Con	npliance	Significant-O	hut-Of-	Compliance
Recommended Actions: None							
Recommended Actions: None	<u> </u>			·			
Name(s) and Signature(s) of Inspector(s)					District Office/Phon		
Patrick Farris Tatick Jo	IA				Central District 407	-893-3	3313 1/27/05
Patrick Farris	une .						
					· ·		
@ Signature of Reviewer					District Office/Phor		01/02/05
Kalina Warren					Central District 407	-893-	3313 01/27/05
Kalina Warren	en						
<u></u>							<u>l</u>
Fill Out This Section	For All Su	face Water I	Dischar	ger Insp	ections (CEI, C	SI.	CBI, PAI, XSI, RI)
Transaction Code	NPDES N			YR/M		Тур	
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N 5				COMME		_)	2 3
		ADDITIONA		COMME			·
Inspection Type (Field 1) A=PA1,	B=CBI, C=CI	EI, S=CSI, X=XS	SI, R=RI				
Inspection Code (Field 2): S=State	e, J=Joint EPA	/State-EPA Lead	l, T=Joint	State/EPA-	State Lead, L=Loca	l Pro	gram
Facility Type (Field 3): 1=Munici							
Every other field is self explanator		-	_	-		-	·
						j.	· · · · · · · · · · · · · · · · · · ·

Revised: May 26, 2004

INSPECTION FINDINGS

Facility Name: KINGS COVE S/D (DW) Facility ID: FLA010590 Inspection Type: CEI Date: 1/20/2005 9:44:00 AM

FACILITY BACKGROUND:

Address: ROYAL OAK DR, LEESBURG, FL 34731, LAKE COUNTY Permit Information: Wastewater Permit issued: 2/6/2004, and expires: 2/5/2009 Treatment Summary: EXTENDED AERATION SEWAGE TREATMENT PLANT EFFLUENT TO 2 PERC/EVAPORATION PONDS Permitted Capacity: 0.055 MGD

- 1. Permit: IN COMPLIANCE
 - 1.1 Observation: A copy of the permit was onsite and available to plant personnel.
- 2. Compliance Schedules: NOT APPLICABLE
 - 2.1 Observation: Not Applicable.
- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation : Not Evaluated.
- 4. Sampling: IN COMPLIANCE
 - 4.1 Observation : Calibrations were performed correctly.
- 5. Records and Reports: IN COMPLIANCE
 - 5.1 <u>Observation</u>: General A review of the Discharge Monitoring Reports did not reveal any deficiencies. <u>Additional Comments</u>: Review period 4/04 -8/04.
 - 5.2 Observation : General All required documents and reports were available at the plant.
- 6. Facility Site Review: IN COMPLIANCE
 - 6.1 Observation : Aeration Basins/Act. Sludge The contents in the aeration chambers appeared to be adequately mixed.
 - 6.2 Observation : Clarifiers No problems or deficiencies were observed in the clarifier.
 - 6.3 Observation: Digestors No problems or deficiencies were observed in the digestors.
 - 6.4 Observation : Disinfection No problems or deficiencies were observed.
 - 6.5 <u>Observation</u>: *Headworks* No problems or deficiencies were observed at the headworks.
- 7. Flow Measurement: IN COMPLIANCE
 - 7.1 <u>Observation</u>: The elapsed time meters were calibrated in accordance with 62-601.200 (17). <u>Additional Comments</u>: calibrated on 6/22/04
- 8. Operation and Maintenance: IN COMPLIANCE
 - 8.1 Observation: The facility was operated and maintained in accordance with the description in the Permit.
- 9. Effluent Quality: IN COMPLIANCE
 - 9.1 <u>Observation</u>: Discharge monitoring reports reviewed during the inspection revealed no effluent violations. <u>Additional Comments</u>: Review period 4/04 - 8/04.
- 10. Effluent Disposal: IN COMPLIANCE
 - 10.1 Observation : No problems or deficiencies were observed.
- 11. Residuals/Sludge: IN COMPLIANCE

INSPECTION FINDINGS

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Facility Name: KINGS COVE S/D (DW) Facility ID: FLA010590 Inspection Type: CEI Date: 1/20/2005 9:44:00 AM

11.1 Observation : General - No problems or deficiencies were observed.

Additional Comments: Account with Central Process RMF.

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation : Not Applicable.

Docket No. 060368-WS

Application to Increase Rates and Charges

For a "Class A" Utility In

Florida

Missing Report: Inspection Report

For: Lake Gibson Estates

Aqua Utilities Florida, Inc.

Docket No. 060368-WS

Application to Increase Rates and Charges

For a "Class A" Utility In

Florida

Missing Report: Inspection Report

For: Leisure Lakes

Aqua Utilities Florida, Inc.



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

Colleen Castille Secretary

SENT VIA E-MAIL TO: gplabrecque@aquaamerica.com

January 31, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY SUITE 400 SARASOTA FLORIDA 34240 OCD-C-WW-05-0097

ATTENTION GLENN LABRECQUE VICE PRESIDENT

> Lake County - DW Kings Cove WWTF Wastewater Facility - Permit No. FLA010590 Morningview WWTF Wastewater Facility - Permit No. FLA010610 Summit Chase WWTF Wastewater Facility - Permit No. FLA010533 Valencia Terrace WWTF Wastewater Facility - Permit No. FLA010599 Venetiàn Village WWTF Wastewater Facility - Permit No. FLA010567 Noncompliance Letter

Dear Mr. LaBrecque:

On January 20 2005, Department personnel conducted routine inspections of your wastewater facilities, listed above. At the time of the inspections, the overall operation of your facilities were found to be in substantial compliance with the terms and conditions in Permit Numbers FLA010590, FLA010610, FLA010533, FLA010599, and FLA010567. Copies of the inspection reports are enclosed for your review.

Your continued cooperation with our wastewater program is appreciated. If you have any questions, please contact me at the above address or at (407) 893-3313.

Sincerely,

Hannia

Patrick Farris Environmental Specialist Wastewater Compliance/Enforcement

PF/ww

Enclosures: Inspection Report

Wastewater Compliance Information Flyer

cc: Lake County Water Resource Management, <u>scatasus@co.lake.fl.us</u>

COMET ENTRY DATE 0 1 / 2 6 / 0 5

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

						$\underline{w} = Optional$
Name and Physical Location of Facility	WAFR ID:			County	3	Entry Date/Time
Morningview WWTF	FLA010610			Lake	1	1/20/05
1322 English Rd				Phone	(@ Exit Date/Time
Leesburg FL						<u></u>
Name(s) of Field Representatives(s)	Title					Phone
Will Fontaine	Field Coordinator					
						4
Name and Address of Permittee or Designated Repre	esentative	Title		Phone	(@ Operator Certification #
Glenn LaBrecque		Vice Preside	ıt		. ,	Will Fontaine B-7113
Aqua Utilities Florida Inc.						
Post Office Box 609520		Email		Fax		
Orlando FL 32860-9520		gplabrecque(aquaameric	1.		
		com		· · · · · · · · · · · · · · · · · · ·		·
Inspection Type C E I Samples T	aken(Y/N): No	@ \$	ample ID#:	······	S	amples Split (Y/N):
	Were Photos Taken	(Y/N):		@ Log book Volume	: eIP	(a) Page
Domestic Industrial		(
FACILI IC = In Compliance; NC = Out of Compl	TY COMPLIA					F or Blank = Not Evaluated
Significant Non-Compliance Criteria						
	ELF MONTFORING ROCEAN		TACILIES	OPERATIONS		EFFCUENDIDISPOSAL
	. Laboratory	IC	6. Facilit	y Site Review	IC	9. • Effluent Quality
IC 2. Compliance Schedules IC 4	. Sampling	IC	7. Flow !	Aeasurement	IC	10. + Effluent Disposal
IC 5	. + Records & Reports	IC	8. • Operat	ion & Maintenance	IC	11. Residuals/Sludge
13. Other:	-				NA	12. Groundwater
Facility and/or Order Compliance Status: In-O	Compliance	Out-Of-Com	liance	Significant-C	ut-Of-0	Compliance
Recommended Actions: None			•	/		
Name(s) and Signature(s) of Inspector(s)				District Office/Phon	e Num	ber Date
P.11.				Central District 407	-893-3	3313 1/27/05
Patrick Farris Tatrick James						
@ Signature of Reviewer			ļ	District Office/Phor		01/07/05
Kalina Warren Ukrauen				Central District 407	-893	01/2//05
Fill Out This Section For Al	l Surface Water I	Discharg	er Insp	ections (CEI, C	sı, (CBI, PAI, XSI, RI)
Transaction Code NPI	DES Number		YR/M(D/DA Insp	Тур	e Inspector Fac Typ
N 5	ADDITIONA	L NPDES	COMME			2 3
Inspection Type (Field 1) A=PAI, B=CBI,	C=CEI, S=CSI, X=XS	SI, R=RI	· · · · · · · · · · · · · · · · · · ·			
Inspection Code (Field 2): S=State, J=Join		-	tate/EPA-	State Lead, L=Loca	l Pros	zram
Facility Type (Field 3): 1=Municipal (Pub		•		,	· · c	<i>F</i> · · · · ·
	licly Owned), 2=Indust	trial and Pr	ivately Ov	ned Domestic, 3= /	٩grici	inulai, 4–reuerai

Revised: May 26, 2004

INSPECTION FINDINGS

Facility Name: MORNINGVIEW (DW) Facility ID: FLA010610 Inspection Type: CEI Date: 1/20/2005 9:44:00 AM

FACILITY BACKGROUND:

Address: 1322 ENGLISH ROAD, LEESBURG, FL 34749 - 0310, LAKE COUNTY Permit Information: Wastewater Permit issued: 3/29/2001, and expires: 3/27/2006 Treatment Summary: EXTENDED AERATION SEWAGE TREATMENT PLANT W/EFFLUENT TO A PERCOLATION POND Permitted Capacity: 0.02 MGD

- 1. Permit: IN COMPLIANCE
 - 1.1 Observation : A copy of the permit was onsite and available to plant personnel.
- 2. Compliance Schedules: IN COMPLIANCE
 - 2.1 <u>Observation</u>: The schedules specified in the permit have been completed.

Additional Comments: Repair discharge pipes to percolation ponds.

- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation : Not Evaluated.
- 4. Sampling: IN COMPLIANCE
 - 4.1 <u>Observation</u>: Calibrations were performed correctly.
- 5. Records and Reports: IN COMPLIANCE
 - 5.1 Observation: General All required documents and reports were available at the plant.
 - 5.2 <u>Observation</u>: A review of the Discharge Monitoring Reports did not reveal any deficiencies. <u>Additional Comments</u>: Review period 2/04 - 8/04.
- 6. Facility Site Review: IN COMPLIANCE
 - 6.1 Observation: Aeration Basins/Act. Sludge The contents in the aeration chambers appeared to be adequately mixed.
 - 6.2 Observation : Clarifiers No problems or deficiencies were observed in the clarifier.
 - 6.3 <u>Observation</u>: *Digestors* No problems or deficiencies were observed in the digestors.
 - 6.4 Observation : Disinfection The chlorine contact chamber was clean and the effluent leaving the plant was clear
- 7. Flow Measurement: IN COMPLIANCE
 - 7.1 Observation: The flow meter was calibrated in accordance with 62-601.200 (17).
 - Additional Comments: Calibrated on 1/20/05
- 8. Operation and Maintenance: IN COMPLIANCE
 - 8.1 Observation: The facility was operated and maintained in accordance with the description in the Permit.
- 9. Effluent Quality: IN COMPLIANCE
 - 9.1 <u>Observation</u>: Discharge monitoring reports reviewed during the inspection revealed no effluent violations. <u>Additional Comments</u>: Review period 2/04 - 8/04.
- 10. Effluent Disposal: IN COMPLIANCE
 - 10.1 Observation : No problems or deficiencies were observed.
- 11. Residuals/Sludge: IN COMPLIANCE
 - 11.1 Observation : General No problems or deficiencies were observed.

INSPECTION FINDINGS

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Facility Name: MORNINGVIEW (DW) Facility ID: FLA010610 Inspection Type: CEI Date: 1/20/2005 9:44:00 AM

Additional Comments: Account with Shelley's RMF.

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation : Not Applicable.

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Jeb Bush Governor Northeast District 7825 Baymeadows Way, Suite B-200 Jacksonville Florida 32256-7590

Colleen M. Castille Secretary

August 16, 2006

Mr. Glenn P. LaBrecque Vice President, Aqua Utilities Florida, Inc. Suite 400, 6960 Professional Parkway East Sarasota, Florida 34240

RE: Putnam County - Domestic Waste Palm Port WWTF - FLA011742 Compliance Evaluation Inspection

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[]	S	ΕP	0	6	200)6	\mathbb{D}
By_							

Dear Mr. LaBrecque:

The Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the Palm Port Wastewater Treatment Facility on June 27, 2006. The Department's Wastewater Compliance Inspection Report and photos from the inspection have been attached. The following are comments for areas of special interest noted during the inspection and file review:

PERMIT

The facility is permitted as a 0.030 MGD AADF Category III (extended aeration) domestic wastewater treatment facility consisting of eight 5,000 gallon aeration basins, one 6,200 gallon secondary clarifier, one 1,875 gallon chlorine contact chamber, one 2,700 gallon aerobic digester. Chlorinated effluent is discharged to two percolation/evaporation ponds totaling 36,900 square feet. Domestic wastewater residuals are transported to American Pipe & Tank, Inc. (effective June 12, 2006) for final treatment and land application.

The permit was revised in February 2006 to modify Section II - Residuals Management Requirements to include the transport of residuals to two additional RMFs: the 412 Biosolids Processing Facility and Central Process Residuals Management Facility (RMF). Permit FLA011742 was issued on November 10, 2003 and expires on November 9, 2008.

SAMPLING

Operator coverage for the facility is 5 days/week for $\frac{1}{2}$ hour per visit, plus one weekend day. Operator(s) at the facility analyze samples for pH, total residual chlorine (TRC) and in-plant process control. The operator was present at the time of the inspection, and recorded flow (0.014 MGD), pH (7.2 SU) and TRC (2.2 + mg/L) readings for the day. Grab samples from the facility are sent to Harbor Branch Environmental Laboratories, Inc. in Deltona, Florida.

RECORDS AND REPORTS

A bound logbook was maintained on-site and was available for review during the inspection. The following observations were recorded in the logbook:

- The name of the facility, day, month and year.
- The operator in and out times.

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Mr. Glenn LaBrecque July 31, 2006 Page 2: Palm Port WWTF

- Flow, pH, TRC measurement results and process control activities.
- Maintenance performed at the facility.

Other compliance monitoring records and reports reviewed included:

- A copy of the operator's current license
- A copy of the current facility permit
- Operator's daily chlorine and pH measurement instrument calibration logs
- Sludge hauling records and invoices for the June 2005 through May 2006 period
- A comprehensive Operations & Maintenance notebook covering major areas of facility operations (Process Control, Equipment Maintenance, Safety Procedures, etc)

FACILITY SITE REVIEW

The following observations were made at the facility:

- The facility is secured within a fence with locked gate.
- Advisory signs are posted at the facility and the off-site lift station.
- Flow to the facility averaged 0.0151 MGD during the June 2005 April 2006 period.
- The RPZ backflow prevention device was most recently calibrated & checked on March 20, 2006.
- The facility grounds were clean and evaporation ponds were well maintained.
- The facility has an auto-dialer for the alarm on the off-site lift station, however, at the time of the inspection it was not connected and the feature was not being used. Please connect the auto-dialer so the appropriate individuals are notified if the lift station alarm is triggered or provide some justification as to why this feature is inoperative. In accordance with Florida Administrative Code (F.A.C.) Rule 62-604.500(3), all necessary equipment shall be maintained to function as intended, and per F.A.C. Rule 62-600.410(8), corrective action shall be taken by the permittee in the event that the treatment facility equipment no longer function as intended.

FLOW MEASUREMENT

Flow is determined using a newly installed 4" magnetic recording flow-meter on the force-main transporting the wastewater to the facility from the off-site lift station. The flow-measuring device was installed and calibrated on June 27, 2006.

OPERATION AND MAINTENANCE

All units of the facility were in operation at the time of the inspection. The mixed-liquor in the eight aeration basins had a uniform, medium-brown color with tan foam on surface. The clarifier weir-troughs showed evidence of algae growth and sludge blanket pop-ups were noted at the time of the inspection. The effluent in the chlorine contact chamber appeared to be clear with minimal turbidity; the aerobic digester had adequate 3-ft freeboard. Both of the evaporation/percolation ponds were well maintained with negligible vegetation growth in basins or embankments.

EFFLUENT

Effluent is discharged to two evaporation/percolation ponds in a sequential process. A (primary) storage pond receives the gravity-fed effluent from the chlorine contact chamber until the pond reaches capacity at which time the overflow is channeled to the (secondary) evaporation pond. The evaporation pond serves as the reservoir for the pumping of effluent via a spray irrigation system on the perimeter of the facility grounds.

Mr. Glenn LaBrecque July 31, 2006 Page 3: Palm Port WWTF

Discharge Monitoring Reports (DMRs) for the facility were examined during the file review for the June 2005 through April 2006 period and there was not any record of effluent-parameter exceedances or violations.

A few minor transcription errors in the recording of monitored parameters from the laboratory analyses sheets to the DMR forms were noted during the File/Records review. For example, the July 2005 fecal coliform parameter was reported to be 1.5 CFU/100mL on the DMR whereas the laboratory analyses reported a value of 15.0 CFU/100mL; similarly, data qualifiers reported on the laboratory sheets do not appear to be accurately recorded on the corresponding DMRs. A summary of the parameters reported on the monthly DMRs for June 2005- April 2006 is attached with the laboratory-reported (correct) values highlighted in yellow.

The Discharge Monitoring Reports (DMR), Laboratory Analyses and Chain of Custody forms for the facility were <u>not</u> available for reference or review at the facility during the inspection. Although these consolidated reports and records are submitted to the Department on a monthly basis in accordance with the Monitoring and Reporting Requirements permit condition I-B(7), the DMRs are also required to be kept on-site of the permitted facility per F.A.C. 62-620.350 the Operation and Maintenance Requirements permit condition V-5(a-i) for at least three years from the date of preparation of the report. *Please institute a program to retain a copy of these facility operating records on-site for accessibility and reference.*

SUMMARY

Overall, the facility was found to be in-compliance based upon the compliance evaluation inspection and records review. A copy of the inspection report is enclosed for your records with special emphasis to those items requiring attention and corrective action in **bold text** above.

Please extend my gratitude to Ralph Marriott and David Haring for their cooperation and assistance during the inspection. If you have any questions, please contact me at (904) 807 – 3323.

Sincerely,

A.Mehta.

Amul Mehta DEP DW Compliance / Assurance Section

AM:mml:khg:sc:am

Enclosures

DMR Summary June 2005 – April 2006 Wastewater Compliance Inspection Report WWTF Inspection Photographs

cc: Paul Thompson, WWTF Operations Supervisor - Aqua Utilities Florida, Inc. Brian Heath, Area Manager – Aqua Utilities Florida, Inc.

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

F.	CILITY AND IN	SPECTION	INFORMATION		@ = Optional
Name and Physical Location of Fac	lity WAFR	R ID:	County		Entry Date/Time
PALM PORT WWTF	FLAC	011472	Putnam		June 27, 2006 / 1:35 pm
Dog Branch Road			Phone		@ Exit Date/Time
East Palatka, FL 32131					June 27, 2006 / 2:30 pm
Name(s) of Field Representatives(s)	Title				Phone
Ralph Marriott	Lead	Operator, LIC# C0	009320		(386) 937-0187
David Haring	Opera	ator			(386) 937-1091
Paul Thompson	Senio	or Operator			(386) 329-1122
Name and Address of Permittee or	Designated Representative	Title	Phone		@ Operator Certification #
Mr. Glenn P. LaBrecque		VP/COC) (352) 787-09	80	
Aqua Utilities Florida, Inc					
Suite 400, 6960 Professional	Parkway East				
Sarasota, FLORIDA 34240				<u> </u>	
Inspection Type C E	I Samples Taken(Y/N): N	e	Sample ID#:		Samples Split (Y/N):
Domestic	Industrial Were Pho	otos Taken(Y/N): Y	@ Log book Volum	e:	@ Page
PERMITS/ORDERS IC 1. • Permit 2. • Compliance Schedule 13. Other:	NC 5. • Records & Rep	IC IC ports IC	 Facility Site Review Flow Measurement Operation & Maintenance Significant 	IC IC NA Out-Of-	9. ◆Effluent Quality 10. ◆Effluent Disposal 11. Residuals/Sludge 12. Groundwater Compliance
Recommended Actions:	·····				
Name(s) and Signature(s) of Inspec	or(s)		District Office/Pbon	e Numb	er Date
A.Nek Amul Mehta	ta.		NED / (904) 8(07-33	23 8/16/2006
© Signature of Reviewer	New H. Warandy		District Office/Phon NED / (904) 8(
Fill Out This Sec	tion For All Surface V	Water Discharg	er Inspections (CEI, (CSI.	CBI, PAI, XSI, RI)
Transaction Code	NPDES Number	DITIONAL NPDES	YR/MO/DA In 6 0 6 2 7 1	sp Ty	
Inspection Type (Field 1) A Inspection Code (Field 2): S Facility Type (Field 3): 1=M Every other field is self expla	=State, J=Joint EPA/State-E unicipal (Publicly Owned),	PA Lead, T=Joint S			~

Revised: May 26, 2004

			V INF-1.[] 5 days/wk			RC - [mg/L] 5 DAYS/Wk	And the second	pH. (SU 6 DAYS/			
DATE		Annual	AADF <≓ 0.	0300 MGD 3-MoAvg		>0Shine/ILL	的情况和社会主义	815 MAX			
<u></u>					% Capacity						
Apr-06	1 1	0.015	0.015	0.016	52.2%	2.2		7.3	7.2		
Mar-06		0.014	0.017	0.015	51.1%	2.2		7.3	7.1		
Feb-06		0.014	0.015	0.015	48.9%	2.2		7.3	7.2		
Jan-06		0.014	0.014	0.014	47.8%	2.2		7.4	7.1		
Dec-05		0.014	0.015	0.015	48.9%	2.2		7.2	7.2		
Nov-05		0.016	0.014	0.014	46.7%	1.0	1 .	7.2	6.9		
Oct-05		0.016	0.015	0.014	47.8%	2.2		7.1	7.1		
Sep-05		0.016	0.016	0.015	48.9%	1.6		7.2	7.1		
Aug-05		0.016	0.015	0.014	47.8%	1.6	1	7.2	7.0		
Jul-05	[0.016	0.015	0.014	47.8%	1.4		7.3	7.1		
	1 1	0.016	0.015	0.014	47.8%	1.8		7.4	7.1		
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DATE 4pr-06		NITROGE MONTHLY < 12 MAX	N [mg/L]:	BOD: CAF 2 20 Annual Avg	MONITIEY < 30 MONTH-AVG	< 60. Max	< 20 Annual - Av	MONTHL < 30 MONTH AV	Y≥ I≷60 Max	MONTHLY < 800 Max	ANNUAE < 200 Max
DATE Apr-06 Mar-06		NITROGE MONTHLY < T2 MAX 0.18	N [mg/L]:	BOD: CAI <20 Annual Avg 2.6	MONTHEY 30. MONTH-Avg	60 Max 5.4	< 20., Annual : Av 3.6	MONTHE < 301 MONTH : AV 8.2	Y 60 Max 8.2	- MONTHEY < 800 Max 1.0 U	ANNUAE < 200 Max 7.0
DATE Арг-06 Иаг-06 Feb-06		NITROGE MONTHLY < 12 MAX 0.18 0.51	N [mg/L]:	20 20 Annual Avg 2.6 2.3	MONTHEY < 302 MONTH AVG 5.4 4.0	5.4 4.0	< 20.1 Annua1 Av 3.6 3.3	MONTHE <301 MONTH AV 8.2 14.0	8.2 14.0	MONTHEY	ANNUAE < 200 Max 7.0 7.0
DATE Apr-06 Mar-06 Feb-06 Jan-06		NITROGE MONTHLY < 12 MAX 0.18 0.51 1.40	N [mg/L]:	BOD: CAH < 20 Annual Avg 2.6 2.3 2.1	MONTHEY < 30 MONTH Avg 5.4 4.0 2 U	5.4 4.0 2.0 U	< 20 Annua1 Av 3.6 3.3 2.4	MONTH < 30 MONTH AV 8.2 14.0 2.3	8.2 14.0 2.3	MONTHLY < 800 Max 1.0 U 1.0 U 1.0 U	ANNUAE < 200 Max 7.0 7.0 7.0
Jun-05 DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Nov-05		NITROGE MONTHLY < T2 MAX 0.18 0.51 1.40 0.30	N [mg/L]:	20 Annual Avg 2.6 2.3 2.1 2.1	MONTHEY 30,37 MONTH Avg 5,4 4,0 2 U 2 U	5.4 4.0 2.0 U 2.0 U	< 20 Annual Av 3.6 3.3 2.4 2.3	MON THE <301 MON TH . AV 8.2 14.0 2.3 2.9	8.2 14.0 2.3 2.9	MONTHLY	ANNUAE < 200 Max 7.0 7.0 7.0 7.0 7.0
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DATE Apr-06 Mar-06 Feb-06 Jan-06 Dec-05 Jov-05 Oct-05 Sep-05		NITROGE MONTHLY < 12 MAX 0.18 0.51 1.40 0.30 0.35 2.20 1.70 6.70	N [mg/L]:	BOD: CAF <20 Annual: Avg 2.6 2.3 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.0 2.0	MONTHEY 30 MONTH Avg 5.4 4.0 2 U 2 U 2 U 2 U 2.8 2 U 2 U 2 U 2 U	5.4 4.0 2.0 U 2.0 U 2.0 U 2.8 2.0 U 2.8 2.0 U 2.0 U	 < 20 Annual Av 3.6 3.3 2.4 2.3 2.2 2.7 2.5 2.6 	MON THE <301 MON TH AV 8.2 14.0 2.3 2.9 1.1 3.0 1.1 1.9	8.2 14.0 2.3 2.9 1.1 U 3.0 1.1 1.9	MONTHLY < 800 Max 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 1.0 U 72 B	ANNUAE < 200 Max 7.0 7.0 7.0 7.0 7.0 7.0 1 U 1 U 6.9

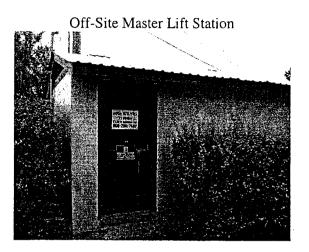
PALM PORT WWTF : DMR June 2005 - April 2006 FLA011742

U: Not Detected

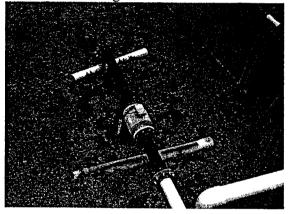
B: Results Based Upon Colony Counts Outside of Acceptable Range [Lab Report]

60

PALM PORT SUBDIVISION WWTF : FLA 011742 CEI 6/27/2006



Influent Electromagnetic Flow-Meter @ WWTF



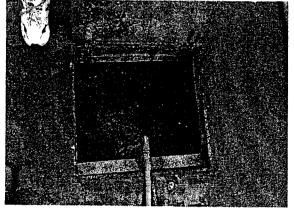
WWTF Grounds: Fenced & Secure



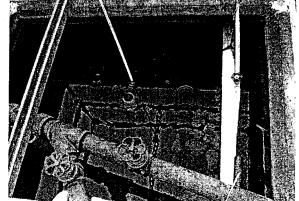
PALM PORT SUBDIVISION WWTF : FLA 011742 CEI 6/27/2006

Aeration Basin [1 of 8] : Dark Brown Foam / Old Sludge

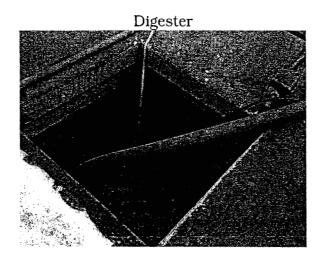
Grit Chamber / Distilling Well : At Capacity to Be Pumped-Out



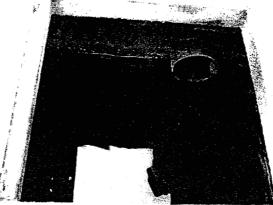
Clarifier : Sludge Blanket Pop-ups



PALM PORT SUBDIVISION WWTF : FLA 011742 CEI 6/27/2006



Chlorine Contact Chamber : Effluent Gravity-Fed to Evaporation Pond(s)



Evaporation Ponds : 2 Far Basin: Effluent Holding Pond for Evap. Pond Near Basin: Evap. Pond via Pumping to Sprinkler Heads





leb Bush Governor

Southwest District 13051 North Telecom Parkway Temple Terrace, FL 33637-0926 Telephone: 813-632-7600

Colleen M. Castille Secretary

August 3, 2006

Mr. Jack Lihvarcik, President Aqua Utilities Florida, Inc. P. O. Box 490310 Leesburg, FL 34749

Re: **Compliance Evaluation Inspection** Palm Terrace Gardens WWTF Facility ID No. FLA012773 Pasco County

Dear Mr. Lihvarcik:

On July 27, 2006, the Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the referenced facility to determine compliance with wastewater requirements and, overall, the facility was Out of Compliance. A copy of the inspection report is attached for your records.

You are requested to respond to this letter with the plans you have made to correct any noted deficiencies and to submit any requested information for those items indicated by an asterisk (*). Your response is requested to be in writing and should include a time frame needed to achieve compliance. This response is due to the Department by September 1, 2006. Please direct any questions to the undersigned at (813) 632-7600, extension 411, or e-mail: jerry.nichols @dep.state.fl.us.

Sincerely,

eny

Jerry E. Nichols Environmental Specialist II Domestic Wastewater Program

Attachment

cc: Mr. Dennis Muldoon, Operator of Record

"More Protection, Less Process" Printed on recycled paper.

WASTEWATER COMPLIANCE INSPECTION REPORT

			F A		LITY AND INSPECT				@ =	= Optional	
Name :	and Physical L	ocation of	f Facility		WAFR ID:				Entry	Date/Time	
Palm	Terrace G	ardens			FLA012773	FLA012773 Pasco			7/27/2006		
116 Arbordale Drive						Phone			@ Exit Date/Time		
Port Richey, FL								(941) 907-7400	7/27/2006		
Name(s) of Field Representatives(s)					Title				Phone		
Mr. Dennis Muldoon					Operator of Reco	ord			(352) 302-9713	
Name	and Address of	Permitte	e or Design	nated Re	presentative Title	· · · -		Phone	@	Operator Certification #	
Mr. J	ack Lihvar	cik			Presid	ient		(352) 552-8532			
	Box 4903					Utilitie la, Inc.	s				
Inspection Type C E I Sam			Samples Taken(Y/N): N	@ San	nple ID)#: 	Sam	ples Split (Y/N): N			
ΧI	Oomestic	_ In	dustria	1	Were Photos Taken(Y/N): N		@	Log book Volume :		@ Page	
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	mended Action								. <u></u>		
) and Signatur Wheeler	e(s) of Ins	spector(s)	Vn.	di Swhuler	/		District Office/Phone Numl SWD(813)632-7600	•	Date	
	Nichols		<u> </u>	pu	ny E. Micho	5		SWD(813)632-7600	14. <u>-</u> 14.	8-3-06	
	nature of Revie ele Duggan	wet	Th	sh	ile Duggen		·	District Office/Phone Numl SWD(813)632-7600		Date 03/06	
	Fill Out 7	This Se	ection	For A	Il Surface Water Dscha	rger I					
	ode			NPDE	ES Number		Y	R/MO/DA	Insp Type		
					ADDITIONAL NPDE	сом	MEN	TS	1	2 3	
Inspec Facilit	tion Code (I	Field 2): d 3): 1=	S=State =Municij	e, J=Jo pal (Pu	I, C=CEI, S=CSI, X=XSI, R=R int EPA/State-EPA Lead, T=Joi blicly Owned), 2=Industrial and	nt State/				, 4=Federal	

INSPECTION FINDINGS

Facility Name: Palm Terrace Gardens WWTF Facility ID: FLA012773 Inspection Type: Compliance Evaluation Inspection Date: 7/27/2006

Facility Background: Address: 116 Arbordale Drive, Port Richey, FL, Pasco County Permit Information: Wastewater Permit issued: 3/19/2004, and expires: 3/18/2009 Treatment Summary: Extended Aeration Permitted Capacity: 0.13 MGD

- 1. Permit: In Compliance
 - 1.1 Observation: A copy of the permit was on site and available to plant personnel.
- 2. Compliance Schedules: In Compliance
 - 2.1 Observation: The schedules specified in the permit have been completed. Item number one required the permittee to establish a percolation/evaporation pond resting and rotating schedule. It appeared that the schedule used by the operator was working well.
- 3. Laboratory: In Compliance
 - 3.1 Observation: The laboratory is certified by the Department of Health.
- 4. Sampling: In Compliance
 - 4.1 Observation: No problems or deficiencies were identified.
- 5. Records and Reports: Out of Compliance
 - 5.1 Observation: General All required documents and reports were available at the facility.
 - 5.2 *Observation: General There were several transcription errors found in the Discharge Monitoring Reports (DMRs) from December 2004 through February 2006:
 - 5.2.a The March 2005 DMR's R002 monthly average daily flow was left blank.
 - 5.2.b The May 2005 DMR's influent CBOD was not reported on Part B.
 - 5.2.c The November 2005 DMR's Total Chlorine Residual (TCR) on Part B was blank for November 1, 2005, and the minimum TCR was blank on Part A.
- 6. Facility Site Review: In Compliance
 - 6.1 Observation: General The facility grounds were clean and well maintained and the facility looked like a new plant.
 - 6.2 Observation: General The fence enclosing the plant was not locked, but the operator was on-site.
 - 6.3 Observation: General There was some odor present, but the odor was not permeating beyond the facility.

Palm Terrace Gardens WWTF Facility ID: FLA012773 Pasco County Page 2 of 3

- 6.4 Observation: Lift Stations The collection system has four lift stations. All lift stations were locked and had two functioning pumps and working alarm systems.
- 6.5 Observation: Lift Stations A reduced pressure zone (RPZ) backflow prevention device was in place on the potable water supply lines, and with all four lift station RPZs being properly tested on January 20, 2006.
- 7. Flow Measurement: In Compliance
 - 7.1 Observation: The 90 degree V-notch weir plate was replaced in January 2006. The flow calibration was completed on January 23, 2006. The flow meter was checked and found to be within 1 percent of the staff gauge.
 - 7.2 Observation: A review of the flow data from December 2004 to February 2006 revealed that the April 2005 three-month average daily flow was 101 percent of the facility's flow capacity. The inflow and infiltration projects have reduced the plant flow significantly, with the February 2006 three-month average daily flow of 87 percent of plant capacity.
- 8. Operation and Maintenance: In Compliance
 - 8.1 Observation: General The operator is performing treatment plant operation and maintenance duties in a responsible and professional manner.
 - 8.2 Observation: General The Scallop Drive lift station had a split in the 90-degree elbow on the number one pump. The operator secured the pump and called Ken's Bush Hog service company to replace the elbow.
 - 8.3 Observation: Aeration Basins/Activated Sludge The contents in the aeration chambers appeared to be adequately mixed. The facility had all new headers and diffusers.
 - 8.4 Observation: Blowers/Motors The facility has a total of three blowers. Two of the blowers were new.
 - 8.5 Observation: Clarifiers No problems or deficiencies were observed in the clarifier, and both clarifiers had new geyser air lift systems. The weirs were clean and the south weir was replaced on July 25, 2006.
 - 8.6 Observation: Digester No problems or deficiencies were observed in the digester. The digester was less than half full and the operator was using a submersible pump to decant.
 - 8.7 Observation: Disinfection No problems or deficiencies were observed. The facility had four metering pumps to deliver liquid chlorine to the weirs and both return activated sludge lines for control of filamentous bacteria.
 - 8.8 Observation: Disinfection The chlorine contact chamber appeared cloudy at the time of the inspection. The operator contributed the cloudy condition to the weir replacement.
- 9. Effluent Quality: Out of Compliance

Palm Terrace Gardens WWTF Facility ID: FLA012773 Pasco County Page 3 of 3

- 9.1 Observation: The effluent appeared clear with an acceptable TCR of greater than 2.2 mg/L at 1145 hours.
- 9.2 *Observation: A review of the DMRs from December 2004 through February 2006 revealed the following effluent exceedances:
 - 9.2.a The January 2006 DMR's Total Suspended Solids (TSS) monthly maximum of 80 mg/L exceeded the permit limit of 60 mg/L and the TSS monthly average of 35.5 mg/L exceeded the permit limit of 30 mg/L.
 - 9.2.b The September 2005 DMR's Fecal Coliform monthly maximum of 4,900 CFU/100 mL exceeded the permit limit of 800 CFU/100 mL.
 - 9.2.c The February 2006 DMR's Fecal Coliform monthly maximum of 1,300 CFU/100 mL exceeded the permit limit of 800 CFU/100 mL.
- 10. Effluent Disposal: In Compliance
 - 10.1 Observation: No problems or deficiencies were observed.
- 11. Residuals/Sludge: In Compliance
 - 11.1 Observation: General No problems or deficiencies were observed.
- 12. Groundwater Quality: Out of Compliance
 - 12.1 *Observation: A review of the 2005 ground water monitoring reports revealed exceedances in the compliance wells #MWC-01 and #MWC-03 for Fecal Coliform, Nitrate, Total Dissolved Solids and Chlorides. Please investigate.
 - 12.2 *Observation: Please ensure the proper abandonment of all ground water monitoring wells that are no longer in use.
- 13. Other: Not Evaluated



Jeb Bush Governor Southwest District 13051 North Telecom Parkway Temple Terrace, FL 33637-0926 Telephone: 813-632-7600 April 24, 2006

Colleen M. Castille Secretary

Mr. John Lihvarcik Aqua Utilities Florida, Inc. P.O. Box 490310 Leesburg, FL 34749 4130 Bill Please discuss with Jerry JM

Re: Compliance Evaluation Inspection Rosalie Oaks WWTF Facility ID No. FLA011045 Polk County

Dear Mr. Lihvarcik:

The above-referenced facility was subject to a Compliance Sampling Inspection on February 22, 2006. Some of the findings were discussed in previous correspondence. The effluent was clear. Department personnel collected a sample of the effluent at monitoring point R001, after chlorination. The results were within the limits of the permit for all parameters. The results for the permit parameters are as follows:

Parameter	Parameter Result		Comment
CBOD5 (mg/L)	1.2	60.0 single sample max.	
TSS (mg/L)	5	60.0 single sample max.	
Nitrate Nitrogen (mg/L)	8	12.0 single sample max.	
Total Chlorine Residual (mg/L)	1.29	0.5 minimum	Sampled at 1238

The Department is in receipt of your response letter, dated March 31, 2006. Under paragraph 2 response, it stated that you lined approximately 1100 feet of 12" pipe in 2005 and will do the same in 2006. This would complete the lining needed to address the problem pipe identified during the TV review of the collection system. Please provide to the Department a timeline in which the lining will be completed. Please direct all responses and questions to the undersigned at (813) 632-7600, extension 313, or via e-mail at frank.fulghum@dep.state.fl.us.

Sincerely,

2007 - AB

Frank L. Fulghum III Environmental Specialist Domestic Wastewater Program

Attachment

cc: William Dean, Aqua Utilities

"More Protection, Less Process"

Printed on recycled paper.



Jeb Bush Governor Southwest District 13051 North Telecom Parkway Temple Terrace, FL 33637-0926 Telephone: 813-632-7600

Colleen M. Castille Secretary

March 1, 2006

Mr. Glenn Labrecque, President Aqua Utilities Florida, Inc. 1343 Northeast 17th Road Ocala, FL 34470

Re: Compliance Evaluation Inspection Rosalie Oaks WWTF Facility ID No. FLA011045 Polk County

Dear Mr. Labrecque:

The above-referenced wastewater treatment facility was inspected on February 22, 2006. Based on this inspection and a review of the information on file with the Department, the following items are being brought to your attention:

PERMIT

Domestic Wastewater Permit Number FLA011045 was issued on March 9, 2005 and will expire on March 8, 2010.

COMPLIANCE SCHEDULES

No items were required in Section VI, Schedules, of the permit.

LABORATORY

Contract laboratories certified by NELAC are used to perform analytical testing required by the permit.

SAMPLING

The type of inspection done at the facility was a Compliance Sampling Inspection. Samples of Total Suspended Solids (TSS), Biochemical Oxygen Demand (BOD), and Nitrate were taken during the inspection.

RECORDS AND REPORTS

1. A copy of the current permit, laboratory certification, operator licenses, flow calibration and reduced pressure zone backflow preventer certification were made available for inspection at the facility.

"More Protection, Less Process"

Printed on recycled paper.

Mr. Glenn Labrecque Rosalie Oaks WWTF Facility ID No. FLA011045 - Polk County Page 2 of 3

 *According to Department records, the DMR for August 2005 is not on file. Please resubmit a copy of this DMR along with your response letter. B.W. Please refile reports

FACILITY SITE REVIEW

No deficiencies were noted.

FLOW MEASUREMENT

*The annual average flow limit of 0.015 mgd was exceeded from January through December 2005. Your response letter to the Department on July 27, 2005, stated that a smoke test was done in February 2005. In June 2005, contractors completed all repairs from the smoke test. Next was to clean and televise the collection system and correct anything on that reports findings. Please let the Department know what happened to that report or if was completed. Report Ahold please explain what proactive steps have been taken to resolve items of recurring non-compliance and what will be done differently in the future to minimize these occurrences since the last correspondence.

OPERATION AND MAINTENANCE

No deficiencies were noted during the time of the inspection.

EFFLUENT QUALITY

- 1. The total chlorine residual was 1.29 mg/L at 1238 hours as measured by Department personnel.
- 2. *A review of monthly DMRs submitted for the period of January to December 2005 revealed effluent quality exceedances. The fecal monthly geometric mean limit of 200 mg/L was *explainen*^m exceeded in July, September, and November. The fecal maximum result wasn't recorded on
- → Part A of the DMRs from June to December, although results appear on Part B. Please review DMRs for completeness, and explain for the exceedances.

EFFLUENT DISPOSAL

Plesse'inthe

Condical Lindia connect and reautomit

> *Both ponds had about three feet of freeboard, but the interior was overgrown with vegetation. This is a repeat item. Die we budget for curring?

RESIDUALS MANAGEMENT

The method of residuals disposal is transport to a Residuals Management Facility (RMF) for further treatment and disposal, or disposal in a Class I or II solid waste landfill.

GROUND WATER

Ground water monitoring is not required at this time.

Mr. Glenn Labrecque Rosalie Oaks WWTF Facility ID No. FLA011045 - Polk County Page 3 of 3

The type of inspection conducted was a Compliance Sampling Inspection and the overall rating of the facility was Out of Compliance. A copy of the inspection report is attached for your review.

Please respond in writing to the Department on the asterisked (*) items previously identified within 30 days of receipt of this letter. Please direct all responses and questions to the undersigned. I may be contacted at (813) 632-7600, ext. 313, or via email at frank.fulghum@dep.state.fl.us.

Sincerely, R

Frank L. Fulghum III Environmental Specialist Domestic Wastewater Program

Attachment

73 COMET ENTRY DATE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional

N	nd Physical Lo	antian a			· · ·	WAFR ID:			County		ntry Date/Time
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						· · ·			Phone	(d)	Exit Date/Time
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lame a	nd Address of	Permitt	tee or	Desig	nated Rep	resentative	Title		Phone	@) Operator Certification #
dr. Glei	nn Labrecque, P	residen	t				Interim Di	rector			
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Ocala, F	к 34470										
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					NC	5. • Records & Reports	IC	8. • Oper	ation & Maintenance	NE	11. Residuals/Sludge
	13. Other:									NE	12. Groundwater
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	ty Type (Fiel other field i					blicly Owned), 2=Ind	ustrial and I	Privately	Wined Domestic, 3=	Agricul	tural, 4=Federal

Revised: May 26, 2004



Department of Environmental Protection

Jeb Bush Governor

ELECTRONIC MAIL

Northeast District 7825 Baymeadows Way, Suite B-200 Jacksonville Florida 32256-7590

Colleen M. Castille Secretary

September 7, 2006

Mr. Gerald P. Connolly Operations Manager, Aqua Utilities Florida, Inc. Post Office Box 490310 Leesburg, Florida 34749-0310

RE: Putnam County - Domestic Waste Silver Lake Oaks Mobile Home Park WWTF - FLA011715 Compliance Evaluation Inspection

Dear Mr. Connolly:

The Florida Department of Environmental Protection (Department) conducted a Compliance Evaluation Inspection at the Silver Lake Oaks Mobile Home Park (MHP) Wastewater Treatment Facility on June 27, 2006. The Department's Wastewater Compliance Inspection Report and photos from the inspection have been attached. The following are comments for areas of special interest noted during the inspection and file review:

PERMIT

The facility is permitted to operate an existing 0.012 MGD AADF Category III (extended aeration) domestic wastewater treatment facility consisting of one influent lift station, two 6,000-gallon aeration basins, one 3,300-gallon clarifier, a 700-gallon chlorine contact chamber, one 1,800-gallon aerobic digester, one sand filter and one effluent pump station. Chlorinated effluent is discharged to a two-zone absorption field system approximately 100 yards from the WWTF. Domestic wastewater residuals are transported to American Pipe & Tank, Inc., for final treatment and land application.

Permit FLA011715 was issued on January 6, 2006 and expires on January 5, 2011.

SAMPLING

Operator coverage for the facility is 5 days/week for $\frac{1}{2}$ hour per visit. Operator(s) at the facility analyze samples for pH, total residual chlorine (TRC) and in-plant process control. The operator was present at the time of the inspection, and recorded the flow (0.003 MGD), pH (7.4 SU) and TRC (2.2 + mg/L) readings for the day. Grab samples from the facility are sent to Harbor Branch Environmental Laboratories, Inc. in Deltona, Florida.

RECORDS AND REPORTS

A bound logbook was maintained on site and was available for review during the inspection. The following observations were recorded in the logbook:

- The name of the facility, day, month and year.
- The operator in and out times.
- Flow, pH, TRC measurement results and process control activities.
- Maintenance performed at the facility.

Mr. Gerry Connolly 9/7/2006 Page 2: Silver Lake Oaks MHP WWTF

.1

Other compliance monitoring records and reports reviewed included:

- A copy of the operator's current license (#B-0012476, effective April 2005 April 2007)
- A copy of the current facility permit
- Operator's daily chlorine and pH measurement instrument calibration logs
- Chlorine delivery tickets from April 2005 through June 2006
- Sludge hauling records and invoices from February 2006 onwards

FACILITY SITE REVIEW

The following observations were made at the facility:

- The facility is secured within a fence with locked gate.
- The facility grounds were clean and well maintained.
- The off-site, 2-zone drainfield was secured with perimeter fencing, a locked gate and advisory sign.
- An advisory sign is posted at the WWTF.
- Flow to the facility averaged 0.0031 MGD during the June 2005 April 2006 period.
- The RPZ backflow prevention device was calibrated on April 16, 2005. In accordance with Rule 62-555.330(6) F.A.C., the Reduced Pressure Zone (RPZ) backflow preventer is to be inspected annually. Please indicate when the RPZ will be inspected and provide documentation to the Department following its inspection, and have the RPZ tagged with the inspection date.

FLOW MEASUREMENT

Flow is determined using elapsed time-meters (ETM) on the on-site lift station pumps. The ETM devices were checked and calibrated on April 18, 2006, through drawdown testing of the lift station pumps.

OPERATION AND MAINTENANCE

All units of the facility were in operation at the time of the inspection and appeared to be operating well. The mixed-liquor in the 2 aeration basins appeared to be thin with a light-brown color with tan-colored foam on the surface. The clarifier had some algae growth and pin-floc floating on water surface; the sludge-blanket depth at the time of the inspection was noted to be about 7-feet. The effluent in both the chlorine contact chamber and effluent pump basin exhibited a greenish hue possibly indicating algae growth in the chamber or partially attributable to the blue-color of basin(s). The off-site, fenced drainfield was well maintained with minimal vegetation growth.

EFFLUENT

Effluent is pumped via the effluent pump station to the 2-zone drainfield. Effluent flow to each zone is alternated on a weekly basis.

Discharge Monitoring Reports (DMRs) for the facility were examined during the file review for the June 2005 through April 2006 period and resulted in a significant fecal coliform exceedance for the December 2005 reporting period.

Month	Parameter	Permit Limit	DMR Reported Value
December 2005	Fecal Coliform	< 800 CFU/100mL (Max)	3500 CFU/100mL
January 2006	Total Suspended Solids	< 10 mg/L (Max)	13.0 mg/L
November 2005	Total Suspended Solids	< 10 mg/L (Max)	17.0 mg/L
July 2005	Total Suspended Solids	< 10 mg/L (Max)	11.0 mg/L

Mr. Gerry Comolly 9/7/2006 Page 3: Silver Lake Oaks MHP WWTF

Please provide a written explanation of the cause(s) of the effluent limit violations. Any abnormal events that may have contributed to the violations must be reported to the Department in accordance with Permit General Condition IX, paragraph 20.

General Condition IX, Paragraph 20 states that any non-compliance that causes any reclaimed water or effluent to exceed any limitation in the Permit, must be reported verbally 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: (1) a description of the non-compliance and its cause, (2) the period of the noncompliance including exact date(s) and time(s), and if the non-compliance has not been corrected, the anticipated time it is expected to continue, and (3) the steps taken or planned to reduce, eliminate and prevent recurrence of the non-compliance.

Please report all future effluent parameter exceedances, permit violations and abnormal events in accordance with the above referenced permit condition.

A few minor transcription errors in the recording of monitored parameters from the laboratory analysis sheets to the DMR forms were noted during the File/Records review. For example, the January 2006 nitrogen parameter was reported to be 0.1 mg/L on the DMR whereas the laboratory analysis reported a value of 0.087 mg/L; similarly, the January 2006 fecal coliform value on the DMR was reported to be 13.0 CFU/100mL versus the laboratory reported value of 15.0 CFU/100mL, and similar inconsistencies between the laboratory reported values and DMR-noted values for the July 2005 and November 2005 total suspended solids parameter.

Data qualifiers as reported on the laboratory sheet, on a few occasions, do not appear to be accurately recorded on the corresponding DMRs as required by F.A.C. Chapter 62-160 and 62-620.610(18). A summary of the parameters reported on the monthly DMRs for June 2005- April 2006 is attached with the correct (laboratory-reported) values highlighted in yellow.

The discharge monitoring reports (DMR), laboratory analyses and chain of custody forms for the facility were <u>not</u> available for reference or review at the facility during the inspection. Although these consolidated reports and records are submitted to the Department on a monthly basis in accordance with the monitoring and reporting requirements of Permit Condition I-B(7), the DMRs are also required to be kept on-site of the permitted facility, per F.A.C. 62-620.350 the Operation and Maintenance Requirements Permit Condition V-5(a-i) for at least three years from the date of preparation of the report. Please institute a program to retain a copy of these facility operating records on-site for accessibility and reference.

SUMMARY

The facility, overall, was found to be out-of-compliance due to the unreported (as per permit condition), frequent effluent parameter violations arising from the records review. A copy of the inspection report is enclosed for your records with particular emphasis to those items requiring attention and corrective action in **bold** above.

Mr. Gerry Connolly 9/7/2006 Page 4: Silver Lake Oaks MHP WWTF

Please extend my gratitude to David Haring and Ralph Marriott for their cooperation and assistance during the inspection. If you have any questions, please contact me at (904) 807 – 3323.

Sincerely,

A.Mehta.

Amul Mehta DEP DW Compliance / Assurance Section

AM:mml:khg:sc:am

Enclosures

DMR Summary June 2005 – April 2006 Wastewater Compliance Inspection Report WWTF Inspection Photographs

cc: Paul Thompson, Aqua Utilities Florida, Inc. Brian Heath, Aqua Utilities Florida, Inc.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

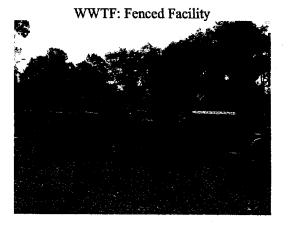
WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

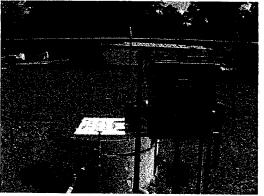
FACILITY	Y AND INSPECT	ION INFO	RMATION		@ = Optional
Name and Physical Location of Facility	WAFR ID:		County	1	Entry Date/Time
SILVER LAKE OAKS MHP WWTF	FLA011715		Putnam		June 27, 2006 / 10:35 pm
7017 Silver Lake Drive			Phone	(@ Exit Date/Time
Palatka, FL 32177					June 27, 2006 / 11:15 pm
Name(s) of Field Representatives(s)	Title				Phone
David Haring	Lead Operator, Ll	C# B0012476			(386) 937-1091
Ralph Marriott	Operator				(386) 937-0187
Paul Thompson	Senior Operator				(386) 937-1143
Name and Address of Permittee or Designated Repu	resentative Title	ŧ	Phone		@ Operator Certification #
Mr. Gerald P. Connolly	Ор	erations Manager	(352) 787-098	30	
Aqua Utilities Florida, Inc					
P.O. Box 490310			·		
Leesburg, FLORIDA 34749-0310					
Inspection Type C E I Samples	Taken(Y/N): N	@ Sample ID#:	·····	s	Samples Split (Y/N):
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SC 5	. +Records & Reports	NC 8.+Operati	on & Maintenance	NA	11. Residuals/Sludge
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Recommended Actions: Name(s) and Signature(s) of Inspector(s)			District Office/Phon	e Numbe	T Date
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Gerard	hitmah.		District Office/Phon NED / (904) 80		
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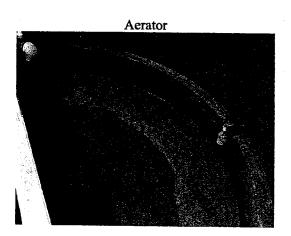
Every other field is self explanatory

SILVER LAKE OAKS MHP WWTF : FLA 011715 CEI 6/27/2006



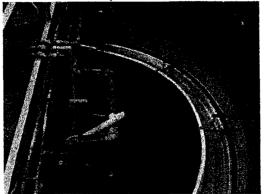
Lift Station & A/V Alarm, Control Panel





SILVER LAKE OAKS MHP WWTF : FLA 011715 CEI 6/27/2006

Clarifier: Slight Algae & Pin-Floc on Surface Clean, Level Weirs



Chlorine Contact Chamber



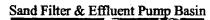
Aerobic Digester



SILVER LAKE OAKS MHP WWTF : FLA 011715 CEI 6/27/2006

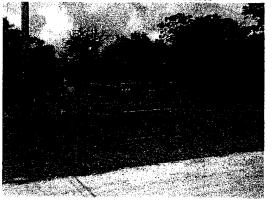
WWTF : Well Maintained Grounds







Drainfield : Gated / 2 Zones



	FL	DW INF-1 [M 5 DAY8/Wk	(GD)	1	RC + [mg/L] 5DAYS/Wk	pH [SU] 5 DAYSAWK	ph [SU] 5 Daysowk	
DATE	Annua Avg				B.S Max	6,0 MIN		
				% Capacity				
Apr-06	0.006	0.004	0.005	39.0%	1.2	7.4	7.2	
Mar-06	0.006	0.005	0.005	39.0%	1.8	7.2	7.2	
Feb-06	0.006	0.005	0.005	39.0%	1.8	7.2	7.1	
Jan-06	0.002	0.004	0.003	22.0%	1.2	7.3	7.1	
Dec-05	0.002	0.005	0.003	25.0%	2.2	7.2	7.1	
Nov-05	0.002	0.004	0.003	22.0%	1.4	7.2	7.0	
Oct-05	0.002	0.006	0.003	28.0%	2.0	7.1	7.0	
Sep-05	0.002	0.007	0.004	31.0%	2.0	7.2	7.1	
Aug-05	0.002	0.007	0.004	31.0%	2.0	7.2	7.0	
Jul-05	0.002	0.009	0.004	36.0%	1.2	7.2	7.0	
Jun-05	0.002	0.008	0.004	33.0%	2.0	7.3	7.1	

SILVER LAKE OAKS MHP WWTF : DMR June 2005 - April 2006 FLA011715

	NITROGEN [mg/L] ANNUALLY	BOD, CA	RBONACEO MONTHLY	US [mg/L]		TSS [mg/L] MONTHLY	FECAL COLI MONTHLY	FORM ANNUAL AVG
DATE	< 12 MAX	< 20 Annual Avg	< 30	< 60 Max	< 20 AnnAvg	<30 <10	< 800 Max	< 200 Max
Apr-06		6.2	9.5	9.5	1	6.1	1.0	8.6
Mar-06		5.6	7.0	7.0		4.8	1.0 U	9.4
Feb-06		5.7	2.3	2.3		1.5	1.0 U	9.8
Jan-06	0.087	2.9	12.0	12.0		13.0	15.0	1.7
Dec-05		2.3	4.8	4.8		4.5	3500.0	8.4
Nov-05		2.3	4.3	4.3	1	17.0	5.0	1.6
Oct-05		2.2	3.7	3.7		9.1	3.0	1.7
Sep-05		2.1	2.0 U	2.0 U		3.0	1.0 U	1.5
Aug-05		2.1	2.0 U	2.0 U		1.7	1.0 U	1.5
Jul-05		3.4	18.0	18.0		11.0	1.0 U	1.5
Jun-05		2.1	2.0 U	2.0 U		1.8	1.0 U	1.5

U: Not Detected

Feb 14 06 09:40a

South Seas



Jeh Bush Governor

Department of Environmental Protection

> South District P.O. Box 2549 Fort Myers, Florida 33902-2549 Ph. (239) 332-6975 Fax (239) 332-6969

Colleen M. Castille Secretary

CERTIFIED MAIL NUMBER: 7005 0390 0005 8539 8282 RETURN RECEIPT REQUESTED

February 10, 2006

Chris Van der Baars General Manager South Seas Resort PO Box 194 Captiva Island, FL 33924 Email: chris.vanderbaars@ihrco.com

RE:

Lee County-DW South Seas Resort WWTP FLA014686

Dear Mr. Van der Baars:

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. A site inspection and a file review of the above referenced facility indicate that violations of Florida Statutes (F.S.) and Rules may exist at the above-described facility.

The South Seas Resort wastewater treatment plant (WWTP) reuse storage tanks were modified to receive supplemental groundwater from the South Seas wells. Florida Administrative Code (F.A.C.) Rule 62-4.030 states that any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, constructed, expanded, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule.

The activities observed during the Department's field inspection and any activity at the facility that may be contributing to violations of the above described statutes and rules should be ceased.

Continued activities at the facility in violation of state statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties up to \$10,000 per violation per day, pursuant to Sections 403,141 and 403,161, F.S.

Please contact Keith Kleinmann at (239) 332-6975, ext. 182 or at the letterhead address within 15 days of receipt of this Warning Letter to arrange a meeting to discuss this matter. Continued . . .

"More Protection, Less Process"

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p.3

Mr. Van der Baars February 10, 2006 Page 2

The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

PLEASE BE ADVISED that this Warning Letter is a part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), F.S. We look forward to your cooperation in completing the investigation and resolution of this matter

Pursuant to the Americans With Disabilities Act, any person requiring special accommodations to participate in this meeting/workshop/hearing is asked to advise the agency at least 48 hours before the meeting by calling the Bureau of Personnel Services at (850) 245-2511, or by calling (800) 955-8771 (TDD) or (800) 955-8770 (Voice) via the Florida Relay Service.

Sincerely,

Joh M. Iglehart Director of District Management

JMI/DWF/jli

cc: Enforcement File Randle Farrington, Aqua Source Utilities Operator Allen Slater, (allen.slater@frwa.net)



Department of Environmental Protection

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

Colleen Castille Secretary

SENT VIA E-MAIL TO: gplabrecque@aquaamerica.com

January 31, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY SUITE 400 SARASOTA FLORIDA 34240 OCD-C-WW-05-0097

ATTENTION GLENN LABRECQUE VICE PRESIDENT

> Lake County - DW Kings Cove WWTF Wastewater Facility - Permit No. FLA010590

> Morningview WWTF Wastewater Facility - Permit No. FLA010610

> Summit Chase WWTF Wastewater Facility - Permit No. FLA010533

> Valencia Terrace WWTF Wastewater Facility - Permit No. FLA010599

> Venetiàn Village WWTF Wastewater Facility - Permit No. FLA010567 Noncompliance Letter

Dear Mr. LaBrecque:

On January 20 2005, Department personnel conducted routine inspections of your wastewater facilities, listed above. At the time of the inspections, the overall operation of your facilities were found to be in substantial compliance with the terms and conditions in Permit Numbers FLA010590, FLA010610, FLA010533, FLA010599, and FLA010567. Copies of the inspection reports are enclosed for your review.

Your continued cooperation with our wastewater program is appreciated. If you have any questions, please contact me at the above address or at (407) 893-3313.

Sincerely,

Patrick Farris Environmental Specialist Wastewater Compliance/Enforcement

PF/ww

Enclosures: Inspection Report

Wastewater Compliance Information Flyer

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us

COMET ENTRY DATE 01/25/05

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

FAC	ILITY AND INSPEC	CTION INFO	RMATION	<u>@</u> =	Optional
Name and Physical Location of Facility	WAFR ID:		County	Eatry I	Date/Time
Summit Chase Villas WWTF	FLA010533		Lake	1/20/05	
Off of Woodlea Road			Phone	@ Exit	Date/Time
Tavares, FL					
Name(s) of Field Representatives(s)	Title	.*		Phone	
Will Fontaiine	Filed Coordinator				
Name and Address of Permittee or Desig	nated Representative	Title	Phone	@ Op	erator Certification #
Glenn LaBrecque		Vice President		Will Fo	ntaine B-7113
Aqua Utilities Florida Inc.					
Post Office Box 609520		Email	Fax		
Orlando FL 32860-9520		gplabrecque@aquaameri com	ca.		
Inspection Type C E I	Samples Taken(Y/N): No	@ Sample ID#:	· · · · · · · · · · · · · · · · · · ·	Samples	Split (Y/N):
Domestic Indu	IStrial Were Photos Taken	(Y/N):	@ Log book Volume	: eIP	@ Page
IC 1.+Permit NA 2.+Compliance Schedules	NE 3. Laboratory IC 4. Sampling	IC 6. Facili	ty Site Review Measurement	IC 9. ♦	Effluent Quality Effluent Disposal
NA 2. Comphance Schedules	IC 4. Samping	·····	tion & Maintenance		Residuals/Sludge
13. Other:					Groundwater
					······································
Facility and/or Order Compliance Status Recommended Actions: None	s: In-Compliance	Out-Of-Compliance	Significant-O	ut-Of-Complia	nce
Recommended Actions: None		·			
Name(s) and Signature(s) of Inspector(s)			District Office/Phon		Date
Patrick Farris Taties =	Jamis		Central District 407	-093-3313	1/27/05
@ Signature of Reviewer Kalina Warren	nen	District Office/Phone Number Date Central District 407-893-3313 01/27/05		Date 01/27/05	
	For All Surface Water I	Discharger Insp	ections (CEI, C	SI, CBI,	PAI, XSI, RI)
Transaction Code	NPDES Number ADDITIONA	YR/M		Туре 2	Inspector Fac Typ
Inspection Type (Field 1) A=PAI Inspection Code (Field 2): S=Stat Facility Type (Field 3): 1=Munic Every other field is self explanato	te, J=Joint EPA/State-EPA Lead, ipal (Publicly Owned), 2=Indust	, T=Joint State/EPA-			, 4=Federal

Revised: May 26, 2004

INSPECTION FINDINGS

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Facility Name: SUMMITT CHASE VILLAS (DW) Facility ID: FLA010533 **Inspection Type: CEI** Date: 1/20/2005 9:44:00 AM

FACILITY BACKGROUND:

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Address: WOODLEA ROAD, TAVARES, FL 32778, LAKE COUNTY Permit Information: Wastewater Permit issued: 4/3/2000, and expires: 3/30/2005 Treatment Summary: EXTENDED AERATION SEWAGE TREATMENT PLANT W/SURGE, EFFLUENT TO TWO PREC PONDS Permitted Capacity: 0.054 MGD

- 1. Permit: IN COMPLIANCE
 - 1.1 Observation : A copy of the permit was onsite and available to plant personnel.
- 2. Compliance Schedules: NOT APPLICABLE
 - 2.1 Observation : Not Applicable.
- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation : Not Evaluated.
- 4. Sampling: IN COMPLIANCE
 - 4.1 <u>Observation</u>: Calibrations were performed correctly.
- 5. Records and Reports: IN COMPLIANCE
 - 5.1 Observation : General A review of the Discharge Monitoring Reports did not reveal any deficiencies. Additional Comments: Review period 4/04 - 8/04.
 - 5.2 Observation: General All required documents and reports were available at the plant.
- 6. Facility Site Review: IN COMPLIANCE
 - 6.1 Observation: Aeration Basins/Act. Sludge The contents in the aeration chambers appeared to be adequately mixed.
 - 6.2 Observation : Clarifiers No problems or deficiencies were observed in the clarifier.
 - 6.3 Observation : Digestors No problems or deficiencies were observed in the digestors.
 - 6.4 Observation : Disinfection The chlorine contact chamber was clean and the effluent leaving the plant was clear
 - 6.5 <u>Observation</u>: Headworks No problems or deficiencies were observed at the headworks.
- 7. Flow Measurement: IN COMPLIANCE
 - 7.1 Observation: The elapsed time meters were calibrated in accordance with 62-601.200 (17). Additional Comments: Calibrated on 6/22/04
- 8. Operation and Maintenance: IN COMPLIANCE
 - 8.1 Observation : The facility was operated and maintained in accordance with the description in the Permit.
- 9. Effluent Quality: IN COMPLIANCE
 - 9.1 Observation : Discharge monitoring reports reviewed during the inspection revealed no effluent violations. Additional Comments: Review period 4/04 - 8/04.
- 10. Effluent Disposal: IN COMPLIANCE

10.1 Observation : No problems or deficiencies were observed.

11. Residuals/Sludge: IN COMPLIANCE

INSPECTION FINDINGS

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Facility Name: SUMMITT CHASE VILLAS (DW) Facility ID: FLA010533 Inspection Type: CEI Date: 1/20/2005 9:44:00 AM

11.1 <u>Observation</u>: *General* - No problems or deficiencies were observed. <u>Additional Comments</u>: Account with Central Process RMF.

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation : Not Applicable.

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Department of Environmental Protection

Jeb Bush Governor Panama City Branch Office 2353 Jenks Ave Panama City, FL 32405-4389 (850) 872-4375

Colleen M. Castille Secretary

MC 89

December 19, 2005

Mr. Craig J. Anderson Vice President, Environmental Services 1000 Color Place Apopka, FL 32703

New

Dear Mr. Anderson:

On June 28, 2005, a Department representative conducted a Compliance Evaluation Inspection (CEI) of the Sunny Hills Wastewater Treatment Plant in Washington County. The Department would like to thank Ms. Jean Pitzer for her assistance during the inspection.

Please note the "Inspection Comments" outlined in the attached inspection report. If you have any questions, please contact Jennifer Paris at (850) 872-4375 extension 107 or by e-mail at Jennifer.Paris@dep.state.fl.us.

Sincerely,

Yosie Penton Environmental Mønager

JP: jmp Enclosure: 12/05/2005 Inspection Report

cc: Jean Pitzer, WWTP Operator Greg Smith, FDEP Pensacola RECEIVED

DEC 3 Q 2005 Aqua utimico Florida Inc.

"More Protection, Less Process"

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

 $(\hat{a}) = Optional$

ame and Physical Location of	Facility	WAFR ID:			(County		Entry Date/Time
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808 Gables Drive								Exit Date/Time
unny Hills, Florida32428								06/28/2005 2:44 PM
Name(s) of Field Representativ	es(s)	Title			@ Operat	tor Certificat	ion #	Phone
ean Pitzer	Operator			B-0006659				
Name/Address of Permittee or	Designated Re	presentative T	ìtle		<u> </u>			Phone
Mr. Craig J. Anderson	v	ice Pres	ident, Envir	onmental Serv	vices		(407) 598-4199	
000 Color Place	r							
Apopka, Florida 32703								
inspection Type C E I	Samples Tak	en (Y/N): N	@	Sample II	D#: N/A		Samples	Split (Y/N): N/A
Domestic Inc	ustrial	Were Photos Taken	(Y/N):	Y	@ Log b	ook Volume: I	n	@ Pages: 142-14
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Revised 8/98

INSPECTION COMMENTS

PERMITS/ORDERS

- 1. PERMIT: Satisfactory
 - The Department issued Permit #FLA010258 on April 12, 200400 for the operation of a domestic wastewater treatment plant. The permit expires on August April 11, 2009.

REMINDER: As stated in Section VII.B.1 of the facility's permit, the permittee shall submit an application to renew this permit at least 180 days before the expiration date of this permit. September 11, 2008

2. COMPLIANCE SCHEDULE: Not Applicable

• The facility is not currently under a compliance schedule.

SELF-MONITORING PROGRAM

3. LABORATORY: Marginal

- The facility's contract laboratory, Water Spigot, performs all influent/effluent analysis except for pH and Total Residual Chlorine, which are performed by facility personnel.
- Daily calibration checks are not currently being performed on the pH meter. According to facility
 personnel, 7 and 10 buffers are used.

REGULATORY REQUIRMENT: According to Standard Methods 4500-H+ B, use a pH meter accurate and reproducible to 0.1 pH unit with a range of 0 to14 and equipped with a temperature-compensation adjustment. [The] pH meter and electrode system must be calibrated with at least 2 buffer standard solutions before each use.

Calibration records of the facility's chlorine meter are being kept. The facility uses Gel Standards to
calibrate the chlorine meter, however quarterly calibrations using a chlorine or potassium permanganate
solution are not being performed.

REGULATORY REQUIREMENT: According to EPA Method 330.5 and Standard Methods 4500-Cl (G), the use of chlorine or potassium permanganate solutions is required to calibrate the spectrophotometer. Calibration of the chlorine meter must be performed daily using a blank and one high and one low standard representative of the linear working range. These standard checks must agree within +/- 10% of the original scale or a new curve must be prepared. Verification data should be recorded and maintained on-site.

REGULATORY REQUIREMENT: According to the Department's Standard Operating Procedures (DEP-SOPs) FT 2011. SPECIFIC REQUIREMENTS FOR WASTEWATER FACILITIES USING SECONDARY STANDARDS, if a plant must meet basic level disinfection requirements and must maintain a residual chlorine level of <u>at least</u> 0.5 mg/L, gel standards may be used for daily calibration checks <u>if</u> the procedures discussed in the DEP-SOP FT 2011 are followed. At least once a quarter, the spectrophotometer/colorimeter must be sent to a laboratory that has Department of Health (DOH) Environmental certification for residual chlorine.

4. SAMPLING: Not Evaluated

Reminder: On the Chain-of-Custody, it is recommended to record proper preservations for the wastewater samples collected during the sampling event.

5. RECORDS AND REPORTS: Not Evaluated

FACILITY OPERATIONS

6. FACILITY SITE REVIEW: Marginal

- The facility appeared to be secure and operational at the time of the inspection.
- At the time of the inspection, there was excessive corrosion noted on the stairs and walkway over the plant (See Photo #1 and #2). There must be a safe access point to obtain representative influent and effluent samples and for everyday maintenance. This requires immediate attention to insure the safety of the operators and authorized personnel that visit this facility.

REGULATORY REQUIREMENT: According to 62-600.410(7), Operation and Maintenance Requirements, all treatment plant permittees shall be responsible for making all facilities safe at all times. The 1978 Edition of the Recommended Standards for Sewage Works states that adequate provision shall be made to effectively protect plant personnel and visitors from hazards. (c) Gratings over appropriate areas of treatment units where access for maintenance is required [shall be provided].

7. FLOW MEASUREMENT: Satisfactory

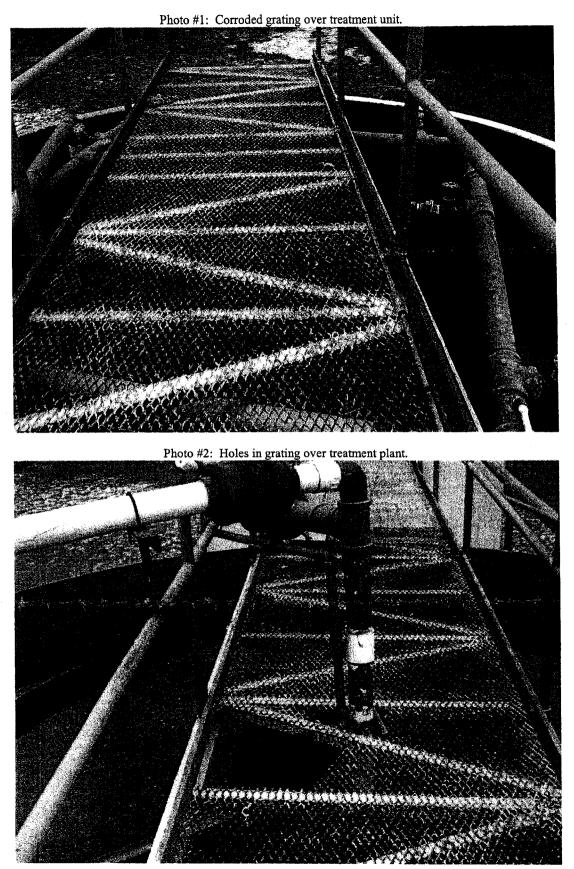
Florida Rural Water Association last calibrated the facility's effluent flowmeter on April 4, 2005.
 — April 4, Wib
 REMINDER: According to 62-601.200(17) and .500(6), recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually.

8. OPERATION AND MAINTENANCE: Satisfactory

• All treatment units appeared to be operational at the time of the inspection.

EFFLUENT/DISPOSAL

- 9. EFFLUENT QUALITY: Not Evaluated
- 10. EFFLUENT DISPOSAL: Not Evaluated
- 11. RESIDUALS MANAGEMENT: Not Evaluated
- 12. GROUNDWATER: Not Applicable
 - Groundwater monitoring is not currently a requirement for this facility.



Photographs taken 06/28/2005 by J. Paris



Department of Environmental Protection

Jeb Bush Governor Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Colleen M. Castille Secretary

October 27, 2005

Mr. Jack Lihvarcik, President Aqua Utilities Florida, Inc. P.O. Box 490310 Leesburg, FL 34749-0310

Re: Compliance Evaluation Inspection The Woods S/D WWTF Facility ID No. FLA013500 Sumter County

Dear Mr. Lihvarcik:

The Woods Wastewater Treatment Facility (WWTF) was inspected on October 19, 2005. The following is to reiterate the items discovered and discussed with Mr. Will Fontaine, Field Coordinator, during this inspection and incorporates a subsequent review of the information on file with the Department:

PERMIT

*Domestic Wastewater Permit No. FLA013500 (permit) was issued November 14, 2000. This permit expires November 13, 2005. An application for a Domestic Wastewater Permit renewal was received on June 29, 2005, and was neither timely nor complete. The Department has not received a response to its July 28, 2005 Request for Additional Information (RAI) letter.

LABORATORY

A contract laboratory performs analyses. The laboratory was not evaluated.

SAMPLING

Sampling procedures were not evaluated.

RECORDS AND REPORTS

*The following required on-site records, as specified in Section V.5 of the permit, were not available for review during this inspection:

- 1. *A current copy of the laboratory certification showing the certification number of the laboratory.
- 2. *Copies of the licenses of the current certified operators.

FACILITY SITE REVIEW

The Reduced Pressure Zone (RPZ) backflow preventer must be serviced and tested annually and a copy of the test report maintained with the WWTF on-site records. The most recent copy on file at the WWTF was dated June 11, 2005 and was, therefore, current.

"More Protection, Less Process"

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Mr. Jack Lihvarcik The Woods S/D WWTF Facility ID No. FLA013500 - Sumter County Page 2 of 3

FLOW MEASUREMENT

Elapsed time meters on the lift station pumps measure flow. The elapsed time meters and the lift station pumps must be calibrated at least annually. On-site records indicated the last calibrations were performed April 21, 2005 and were, therefore, current.

OPERATION AND MAINTENANCE

- 1. *The lift station alarm was self-canceling. Alarms must be configured to require manual alarm cancellation to ensure that the operators are aware that an alarm condition has occurred.
- 2. *The Return Activated Sludge (RAS) line and the raw sewage influent line were introduced into the discharge end of the number one aeration basin. This short-circuits the number one aeration basin. These lines should be relocated to the opposite end of the number one aeration basin.
- 3. *The clarifier weir needs more frequent brushing.
- 4. *The chlorine contact chamber (CCC) appeared to be short-circuiting. A minimum total chlorine residual (TCR) of 0.5 ppm for at least 15 minutes of contact time at peak hourly flow is required to achieve Basic Disinfection. A dye-timed test of the CCC, performed under peak loading conditions, should be performed to empirically verify that the minimum detention time is being met. Please submit the results and the specific details of this test to the Department within 30 days of receipt of this letter.

EFFLUENT QUALITY

- 1. The WWTF effluent was sampled for TCR during this inspection. The TCR sample result was >2.2 mg/L. A minimum TCR of 0.5 mg/L is required. The effluent TCR was in compliance with the permit requirement.
- 2. The WWTF effluent was sampled for pH during this inspection. The pH sample result was 7.7 standard units. The effluent pH was in compliance with the permit requirements.
- 3. A review of Discharge Monitoring Reports (DMRs) submitted for January through September 2005 revealed no permit limit exceedances.

EFFLUENT DISPOSAL

- 1 *The effluent disposal ponds were becoming overgrown. After clearing the vegetation, routine maintenance cycles should be established to prevent the ponds from becoming overgrown.
- 2 *The fence enclosing the effluent disposal ponds was in poor condition and does not provide access control.
- 3 *Effluent was ponding in the western portions of both effluent disposal ponds. In its June 15, 2005 letter, Aqua Utilities Florida, Inc. indicated that the grading and leveling of the pond bottoms was to be completed by September 30, 2005. At the time of this inspection, this work had not been performed. Please provide a schedule for when the pond bottoms will be graded to ensure that effluent is distributed over the entire pond bottom.

Mr. Jack Lihvarcik The Woods S/D WWTF Facility ID No. FLA013500 - Sumter County Page 3 of 3

RESIDUALS

*The permit authorizes residuals to be transported to a Residuals Management Facility (RMF) for treatment and disposal. No residuals records were available on-site during this inspection. Within 30 days of receipt of this letter, please submit complete residuals transportation records from July 2004 to date, as described in Section II.7 of the permit.

The type of inspection conducted was a Compliance Evaluation Inspection (CEI), and, overall, the WWTF was out of compliance. A CEI is a non-sampling inspection designed to verify WWTF and permittee compliance with Department rules. This inspection is intended to review the majority of applicable inspection evaluation areas of a facility. A copy of the inspection report is attached for your review.

Items annotated with an asterisk (*) require a response. Please respond to this letter with the plans you have made to correct these items. This response should be in writing and sent to the Department within 30 days from your receipt of this letter. Please include a schedule, with a time frame for compliance, along with the specifically requested material.

If you have any questions, please contact me at (813) 744-6100, extension 311, or via e-mail: pete.burghardt@dep.state.fl.us.

Sincerel Pete Burghardt

Environmental Specialist II Domestic Wastewater Section

Attachment

cc: Rudy Isaac, FDEP (e-mail)

97
COMET ENTRY DATE
40126105

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

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Name(s) of Field Representatives(s		Title		[Phone	······································
Will Fontains	, Field e	optding tol,	Aqe.	ut.t.		
Name and Address of Permittee on Mr. Fack Liky Agna Ut. 1. fi's F	arciE, Pi	15	Title	Phone	@ Oj	perator Certification #
P.b. 3x 490310						·
Leesburg, Fr 3				·····		·
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Domestic	Industrial	Were Photos Take	n(Y/N):	@ Log book Volu	ume :	@ Page
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Fame(s) and Signature(s) of These	ctors			District Office/Pho 813 - 744		Date 10/26/05
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Revised: May 26, 2004



Department of Environmental Protection

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

Colleen Castille Secretary

OCD-C-WW-05-0097

SENT VIA E-MAIL TO: gplabrecque@aquaamerica.com

January 31, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY SUITE 400 SARASOTA FLORIDA 34240

ATTENTION GLENN LABRECQUE VICE PRESIDENT

Lake County - DW Kings Cove WWTF Wastewater Facility - Permit No. FLA010590 Morningview WWTF Wastewater Facility - Permit No. FLA010610 Summit Chase WWTF Wastewater Facility - Permit No. FLA010533 Valencia Terrace WWTF Wastewater Facility - Permit No. FLA010599 Venetiàn Village WWTF Wastewater Facility - Permit No. FLA010567 Noncompliance Letter

Dear Mr. LaBrecque:

On January 20 2005, Department personnel conducted routine inspections of your wastewater facilities, listed above. At the time of the inspections, the overall operation of your facilities were found to be in substantial compliance with the terms and conditions in Permit Numbers FLA010590, FLA010610, FLA010533, FLA010599, and FLA010567. Copies of the inspection reports are enclosed for your review.

Your continued cooperation with our wastewater program is appreciated. If you have any questions, please contact me at the above address or at (407) 893-3313.

Sincerely,

1. Jarrio

Patrick Farris Environmental Specialist Wastewater Compliance/Enforcement

PF/ww

Enclosures: Inspection Report

Wastewater Compliance Information Flyer

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE-INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

-			F	AC	ILIT	YAND	INSPE	сті	ION	INFO	RMATION		@ =	Optional
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Fruit	and Park, FL													
Name	e(s) of Field Rep	resenta	tives(s)		-	Title						Phone	
Will I	Fontaine					I	Filed Coordinate	or						
Name	Name and Address of Permittee or Designated Representative							Title	•		Phone	(@ Ope	erator Certification #
Glenn	n LaBrecque							Vice	Presider	nt		,	Vill For	ntaine B-7113
Aqua	Utilities Florida	Inc.												
Post C	Office Box 60952	0						Ema	uit		Fax			
Orlan	do FL 32860-952	.0					<u></u>	gplat com		Daquaameric	a			
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	13. Other:				IC	5. • Records	o & Reports		IC	8. • Opera	tion & Maintenance	NA		Residuals/Sludge Groundwater
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Revised: May 26, 2004

Facility Name: VALENCIA TERRACE (DW) Facility ID: FLA010599 Inspection Type: CEI Date: 1/20/2005 9:45:00 AM

FACILITY BACKGROUND:

Address: BLACK BASS CR/PICCIOLA CUT OFF, FRUITLAND PARK, FL, LAKE COUNTY Permit Information: Wastewater Permit issued: 11/5/2001, and expires: 10/30/2006 Treatment Summary: DUAL TRAIN EXTENDED AERATION PLANT(S- 0.050/N-.030 MGD) W/EFFLUENT TO 2 PERCOLATION PONDS Permitted Capacity: 0.08 MGD

- 1. Permit: IN COMPLIANCE
 - 1.1 Observation: A copy of the permit was onsite and available to plant personnel.
- 2. Compliance Schedules: NOT APPLICABLE
 - 2.1 Observation: Not Applicable.
- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation : Not Evaluated.
- 4. Sampling: IN COMPLIANCE
 - 4.1 Observation: Calibrations were performed correctly.
- 5. Records and Reports: IN COMPLIANCE
 - 5.1 <u>Observation</u>: General A review of the Discharge Monitoring Reports did not reveal any deficiencies. Additional Comments: Review period 2/04 - 8/04.
 - 5.2 Observation : General All required documents and reports were available at the plant.
- 6. Facility Site Review: IN COMPLIANCE
 - 6.1 <u>Observation</u>: Aeration Basins/Act. Sludge The contents in the aeration chambers appeared to be adequately mixed. Additional Comments: Some foam noted.
 - 6.2 Observation : Clarifiers No problems or deficiencies were observed in the clarifier.

Additional Comments: Some scum on surface.

- 6.3 <u>Observation</u>: Digestors No problems or deficiencies were observed in the digestors.
- 6.4 Observation : Disinfection The chlorine contact chamber was clean and the effluent leaving the plant was clear
- 6.5 Observation : Headworks No problems or deficiencies were observed at the headworks.
- 7. Flow Measurement: IN COMPLIANCE
 - 7.1 <u>Observation</u>: The flow meter was calibrated in accordance with 62-601.200 (17).
 <u>Additional Comments</u>: Calibrated on 5/21/04
- 8. Operation and Maintenance: IN COMPLIANCE
 - 8.1 Observation : The facility was operated and maintained in accordance with the description in the Permit.
- 9. Effluent Quality: IN COMPLIANCE
 - 9.1 <u>Observation</u>: Discharge monitoring reports reviewed during the inspection revealed no effluent violations. <u>Additional Comments</u>: Review period 2/04 - 8/04.
- 10. Effluent Disposal: IN COMPLIANCE

INSPECTION FINDINGS

Facility Name: VALENCIA TERRACE (DW) Facility ID: FLA010599 Inspection Type: CEI Date: 1/20/2005 9:45:00 AM

10.1 Observation : No problems or deficiencies were observed.

- 11. Residuals/Sludge: IN COMPLIANCE
 - 11.1 <u>Observation</u>: General No problems or deficiencies were observed. <u>Additional Comments</u>: Account with Shelley's RMF.
- 12. Groundwater Quality: NOT APPLICABLE

12.1 Observation : Not Applicable.



Department of Environmental Protection

Jeb Bush Governor

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

Colleen Castille Secretary

OCD-C-WW-05-0097

SENT VIA E-MAIL TO: gplabrecque@aguaamerica.com

January 31, 2005

AQUA UTILITIES FLORIDA INC 6960 PROFESSIONAL PARKWAY SUITE 400 SARASOTA FLORIDA 34240

ATTENTION GLENN LABRECQUE VICE PRESIDENT

> Lake County - DW Kings Cove WWTF Wastewater Facility - Permit No. FLA010590 Morningview WWTF Wastewater Facility - Permit No. FLA010610 Summit Chase WWTF Wastewater Facility - Permit No. FLA010533 Valencia Terrace WWTF Wastewater Facility - Permit No. FLA010599 Venetiàn Village WWTF Wastewater Facility - Permit No. FLA010567 Noncompliance Letter

Dear Mr. LaBrecque:

On January 20 2005, Department personnel conducted routine inspections of your wastewater facilities, listed above. At the time of the inspections, the overall operation of your facilities were found to be in substantial compliance with the terms and conditions in Permit Numbers FLA010590, FLA010610, FLA010533, FLA010599, and FLA010567. Copies of the inspection reports are enclosed for your review.

Your continued cooperation with our wastewater program is appreciated. If you have any questions, please contact me at the above address or at (407) 893-3313.

Sincerely,

Jarris

Patrick Farris Environmental Specialist Wastewater Compliance/Enforcement

PF/ww

Enclosures: Inspection Report

Wastewater Compliance Information Flyer

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

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-	FACILI	TY AND INSPE	CTION	INFO	RMATION		@ = Optional
Name and Physical Location of F	Facility	WAFR ID:			County	I	Entry Date/Time
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31 Tammi Drive					Phone	(@ Exit Date/Time
Lake Jem, Fl					· · · · · · · · · · · · · · · · · · ·		
Name(s) of Field Representatives	s(s)	Title					Phone
Will Fontaine		Field Coordinato	or				
Name and Address of Permittee	or Designated I	Representative	Title		Phone	(Operator Certification #
Glenn LaBrecque			Vice Preside	nt		•	Will Fontaine B-7113
Aqua Utilities Florida Inc.							
Post Office Box 609520			Emsil		Fax		
Orlando FL 32860-9520			gplabrecque com	@aquaameric	a.		
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							Revised: May 26, 200

Facility Name: VENETIAN VILLAGE S/D (DW) Facility ID: FLA010567 Inspection Type: CEI Date: 1/20/2005 9:43:00 AM

FACILITY BACKGROUND:

Address: SR. 448 & TAMMI DRIVE 31 TAMMI DRIVE, LAKE JEM, FL, LAKE COUNTY Permit Information: Wastewater Permit issued: 10/4/2004, and expires: 10/3/2009 Treatment Summary: EXTENDED AERATION SEWAGE TREATMENT PLANT WEFFLUENT TO 1 PERC/POND Permitted Capacity: 0.036 MGD

1. Permit: IN COMPLIANCE

- 1.1 Observation: A copy of the permit was onsite and available to plant personnel.
- 2. Compliance Schedules: NOT APPLICABLE
 - 2.1 Observation : Not Applicable.
- 3. Laboratory: NOT EVALUATED
 - 3.1 Observation : Not Evaluated.
- 4. Sampling: IN COMPLIANCE
 - 4.1 <u>Observation</u>: Calibrations were performed correctly.

5. Records and Reports: IN COMPLIANCE

- 5.1 <u>Observation</u>: General A review of the Discharge Monitoring Reports did not reveal any deficiencies. <u>Additional Comments</u>: Review period 2/04 - 8/04.
- 5.2 Observation : General All required documents and reports were available at the plant.

6. Facility Site Review: IN COMPLIANCE

- 6.1 Observation : Aeration Basins/Act. Sludge No problems or deficiencies were observed in the aeration basins.
- 6.2 Observation : Clarifiers No problems or deficiencies were observed in the clarifier.
- 6.3 Observation : Digestors No problems or deficiencies were observed in the digestors.
- 6.4 Observation : Disinfection The chlorine contact chamber was clean and the effluent leaving the plant was clear
- 7. Flow Measurement: IN COMPLIANCE
 - 7.1 Observation: The flow meter was calibrated in accordance with 62-601.200 (17).

Additional Comments: Calibrated on 11/22/04

- 8. Operation and Maintenance: IN COMPLIANCE
 - 8.1 Observation: The facility was operated and maintained in accordance with the description in the Permit.
- 9. Effluent Quality: IN COMPLIANCE
 - 9.1 Observation : Discharge monitoring reports reviewed during the inspection revealed no effluent violations.
 - Additional Comments: Review period 2/04 8/04.
- 10. Effluent Disposal: IN COMPLIANCE
 - 10.1 Observation : No problems or deficiencies were observed.
- 11. Residuals/Sludge: IN COMPLIANCE
 - 11.1 <u>Observation</u>: *General* No problems or deficiencies were observed. <u>Additional Comments</u>: Account with Shelley's RMF.

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Facility Name: VENETIAN VILLAGE S/D (DW) Facility ID: FLA010567 Inspection Type: CEI Date: 1/20/2005 9:43:00 AM

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation : Not Applicable.

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jab Bush Governor Environmental Protection Southwest District 13051 North Telecom Parkway Temple Terrace, FL 33637-0926

Telephone: 813-632-7600

August 22, 2006

Department of

Colleen M. Castille Secretary

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Mr. Frank Hoffman, President Aqua Utilities Florida, Inc. 6960 Professional Parkway E, Suite 400 Sarasota, FL 34240

Re: Reconnaissance Inspection Village Water WWTF Facility ID No. FLA013087 Polk County

Dear Mr. Hoffman:

The above-referenced wastewater treatment facility was inspected on August 9, 2006. Based on this inspection and a review of the information on file with the Department, the following items are being brought to your attention:

PERMIT

Domestic Wastewater Permit No. FLA013087 was issued on January 23, 2001 and expired on January 22, 2006. The permit renewal application was received by the Department on July 5, 2005, and is currently under review. The application was timely, thereby extending the expired permit until final agency action is taken.

RECORDS AND REPORTS

*Copies of the current permit, laboratory certification, operator's licenses, and flow calibration were made available for inspection at the facility. Please provide the most current RPZ certification.

FACILITY SITE REVIEW

No deficiencies were noted during the time of the inspection.

FLOW MEASUREMENT

Based on the facility's records, the last flow calibration was conducted on August 8, 2006.

•• •

EFFLUENT QUALITY

The total chlorine residual was 1.16 mg/l at 9:47 a.m. as measured by Department personnel.

EFFLUENT DISPOSAL

1. *Inadequate progress has been made on the removal of vegetation around and in the percolation ponds. Please provide the Department the status on the clearing the vegetation on the inside and outside toe of the percolation pond berms. This is a repeat item.

Printed on recycled poper.

Mr. Frank Hoffman Village Water WWTF FLA013087-Polk County Page 2 of 2

2. *The operator indicted the spray field was stated that AquaSource and Southwest Florida Water Management District (SWFWMD) were still in negotiation for the spray field. The application to renew the permit did not include an agreement with SWFWMD to use the spray field. The Department hasn't received any updates since the last inspection letter.

3. *Inadequate access control around the pond.

4. *Ponds are not sized as stated in the permit renewal application.

The type of inspection conducted was a Reconnaissance Inspection, and the overall rating of the facility was Significantly Out of Compliance due to the appearance of the ponds and no agreement to use the spray field. A copy of the inspection report is attached for your review.

Please submit a written response to the Department on the asterisked (*) items identified herein within 20 days of receipt of this letter. Please direct all responses and questions to the undersigned at (813) 632-7600, extension 313, or via c-mail at frank.fulghum@dep.state.fl.us.

Sincerely,

Frank L. Fulghum III Environmental Specialist Domestic Wastewater Program

Attachments

cc: Patricia Leon, DEP

COMET ENTRY DATE __/__/__

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND	INSPECTION	INFORMATION
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Name and Physical Location of Facility	WAFR ID:		County	Entry Date/Time		
Village Water	FLQ 013087		Polle		106	
Vinage	/ /		Phone	@ Exit	Date/Time	
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Name and Address of Permittee or Designated R	epresentativa Tiste		Fhone	<u>ر</u> 0 ھ	stator Certification N	
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Frank L. Fulghum III			SWD/813.632.7	600		
Ø Signature af Ramewer Joe Squitieri -			District Office/Phone N SWD/813.632.7		Date	
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Facsimile

Total Pages:	4 (including cover)		
Fax:	352/787-6333		
Telephone:			
Company:		Fax:	941/907-7401
To:	Jerry Connolly	Telephone:	941/907-7444
Date:	August 23, 2006	From:	Linda Moody

Jerry -

Attached is correspondence we received today from the DEP on Village Water. I will fax a copy of this to Steve Fuller and to Mike O'Reilly.

Thanks,

CONFIDENTIALITY NOTE The information contained in this focsimile transmission is privileged and confidential information intended only for the use of the individual or entity named herein. If the reader of this transmission is not the intended recipient, you are hereby notified that any desemination, distribution, or copying of this transmission is strictly prohibited. If you have received this transmission in error, please contact the center. Thenk you,

Docket No. 060368-WS

Application to Increase Rates and Charges

For a "Class A" Utility In

Florida

Missing Report: Inspection Report

For: Zephyr Shores - Interconnected

Aqua Utilities Florida, Inc.