

**ORIGINAL**

1

**Jungle Den**

Docket No. 060368-WS

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

In

Florida

**VOLUME 6**

**Book 8**

**Set 10 of 24**

Containing  
Additional Engineering Requirements

Discharge Monitoring Report

Aqua Utilities Florida, Inc.

DOCUMENT NUMBER-DATE

00976 JAN 30 8

FPSC-COMMISSION CLERK

# Aqua Utilities Florida, Inc. Discharge Monitoring Reports

## Jungle Den

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# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Florida Water Services**  
 MAILING ADDRESS: **P.O. Box 609520**  
**Orlando, FL 32860-9520**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **01/01/2004** To: **01/31/2004**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Sample Measurement	0.018	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Sample Measurement	0.018	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Sample Measurement			2.4	mg/L		Monthly	Grab
	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Sample Measurement			2U	2U	mg/L	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon Site No. EFA-1	Sample Measurement			4.8	mg/L		Monthly	Grab
	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Sample Measurement			4.4	4.4	mg/L	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson Lead Operator		386-329-1122	04/02/23

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.2		7.4	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement			2			No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)			No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement			1U		1U	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)		800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			2.2			mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)			mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.016	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.012	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement			200			mg/L	Annually	Grab
	Permit Measurement			Report			mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement			220			mg/L	Annually	Grab
	Permit Measurement			Report			mg/L	Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 01/01/04 To: 01/31/04

Three-month Average Daily Flow: 0.016  
(TMSDF/Permitted Capacity)x100: 78%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Mon. Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.022	0.012					7.3		2.2		
2	0.012	0.014					7.4		2.2		
3	0.028	0.012									
4	0.028	0.012									
5	0.028	0.012					7.3		2.2		
6	0.021	0.012					7.3		2.2		
7	0.019	0.014					7.2		2.2		
8	0.016	0.012					7.3		2.2		
9	0.022	0.013					7.3		2.2		
10	0.018	0.012									
11	0.018	0.012									
12	0.018	0.012					7.3		2.2		
13	0.017	0.012					7.3		2.2		
14	0.017	0.014	2U	200	4.4	220	7.3	1U	2.2		
15	0.016	0.012					7.4		2.2		
16	0.017	0.014					7.4		2.2		
17	0.018	0.012									
18	0.018	0.012									
19	0.018	0.012					7.3		2.2		
20	0.018	0.012					7.4		2.2		
21	0.019	0.014					7.4		2.2		
22	0.016	0.012					7.4		2.2		
23	0.018	0.013					7.3		2.2		
24	0.017	0.012									
25	0.017	0.012									
26	0.017	0.012					7.3		2.2		
27	0.021	0.012					7.3		2.2		
28	0.019	0.012					7.4		2.2		
29	0.018	0.013					7.4		2.2		
30	0.020	0.013					7.4		2.2		
31											

**PLANT STAFFING:**

Day Shift Operator Class: C Certification No.: 8173 Name: Grant Newlin  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.



**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				7.3	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 Mon.Site No. 9580	Sample Measurement				2.0		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.013		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.014		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 02/01/04 To: 02/29/04

Three-month Average Daily Flow:	0.001
(TMSDF/Permitted Capacity)x100:	6%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.006	0.019							
2	0.006	0.019					7.4	2.2	
3	0.004	0.012					7.4	2.2	
4	0.003	0.012					7.3	2.2	
5	0.003	0.013					7.3	2.2	
6	0.004	0.013					7.3	2.2	
7	0.003	0.012							
8	0.003	0.012							
9	0.003	0.012					7.3	2.2	
10	0.003	0.012					7.3	2.2	
11	0.004	0.014					7.3	2.2	
12	0.003	0.011					7.3	2.2	
13	0.003	0.011					7.4	2.2	
14	0.004	0.015							
15	0.004	0.015							
16	0.004	0.015					7.3	2.2	
17	0.004	0.015					7.3	2.2	
18	0.003	0.015	2.6		6.4		7.3	1U	2.2
19	0.002	0.015					7.3	2.2	
20	0.003	0.015					7.3	2.0	
21	0.003	0.014							
22	0.003	0.014							
23	0.003	0.014					7.3	2.2	
24	0.003	0.019					7.4	2.0	
25	0.007	0.026					7.4	2.0	
26	0.009	0.022					7.3	2.2	
27	0.005	0.015					7.3	2.2	
28									
29									
30									
31									

**PLANT STAFFING:**

Day Shift Operator	Class: <u>C</u>	Certification No.: <u>8173</u>	Name: <u>Grant Newlin</u>
Evening Shift Operator	Class:	Certification No.:	Name:
Night Shift Operator	Class:	Certification No.:	Name:
Lead Operator	Class: <u>A</u>	Certification No.: <u>4894</u>	Name: <u>Paul Thompson</u>

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.



## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Florida Water Services  
 MAILING ADDRESS: P.O. Box 609520  
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA011261  
 LIMIT: Final  
 CLASS SIZE: N/A

Report: Monthly  
 Group: Domestic  
 WAFR MON. SITE NO.: 26294

FACILITY: Jungle Den WWTF  
 LOCATION: 1901 Alice Drive  
 Astor, FL

MONITORING GROUP NUMBER: R-001  
 PLANT SIZE/TREATMENT TYPE: IIIC  
 NO DISCHARGE FROM SITE:

COUNTY: Volusia MONITORING PERIOD--From: 03/01/2004 To: 03/31/2004

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	0.004	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	0.004	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.2	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	mg/L	Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement			5.1	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			2.8	2.8	mg/L	Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson Lead Operator		386-329-1122	04/04/26

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.2	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				1.2		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.009		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Three-month Average Daily Flow: 0.002  
(TMSDF/Permitted Capacity)x100: 10%

Monitoring Period From: 03/01/04 To: 03/31/04

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.011	0.045					7.3		2.2
2	0.003	0.013					7.4		2.2
3	0.007	0.016					7.4		2.2
4	0.005	0.016					7.4		2.2
5	0.004	0.014					7.3		2.2
6	0.005	0.018							
7	0.005	0.018							
8	0.005	0.018					7.4		2.2
9	0.005	0.017					7.4		2.2
10	0.004	0.013					7.4		2.2
11	0.004	0.017					7.4		2.2
12	0.002	0.011					7.3		2.2
13	0.003	0.014							
14	0.003	0.014							
15	0.003	0.014					7.3		2.2
16	0.007	0.009					7.3		2.2
17	0.005	0.001					7.2		1.2
18	0.003	0.001					7.3		2.2
19	0.002	0.001					7.3		2.2
20	0.002	0.001							
21	0.002	0.001							
22	0.002	0.001					7.3		2.2
23	0.002	0.001					7.3		2.2
24	0.002	0.001	2U		2.8		7.3	1U	2.2
25	0.002	0.000					7.3		2.2
26	0.002	0.001					7.3		2.2
27	0.002	0.001							
28	0.002	0.001							
29	0.002	0.001					7.3		2.2
30	0.002	0.001					7.3		2.2
31	0.002	0.001					7.2		2.2

**PLANT STAFFING:**

Day Shift Operator    Class: C    Certification No.: 8173    Name: Grant Newlin  
 Evening Shift Operator    Class:    Certification No.: \_\_\_\_\_    Name: \_\_\_\_\_  
 Night Shift Operator    Class:    Certification No.: \_\_\_\_\_    Name: \_\_\_\_\_  
 Lead Operator    Class: A    Certification No.: 4894    Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Florida Water Services	PERMIT NUMBER: FLA011261	
MAILING ADDRESS: P.O. Box 609520 Orlando, FL 32860-9520	LIMIT: Final	Report: Monthly
	CLASS SIZE: N/A	Group: Domestic
		WAFR MON. SITE NO.: 26294
FACILITY: Jungle Den WWTF	MONITORING GROUP NUMBER: R-001	
LOCATION: 1901 Alice Drive Astor, FL	PLANT SIZE/TREATMENT TYPE: IIIC	
	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: 04/01/2004 To: 04/30/2004

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	0.009	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	0.017	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.1	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement			4.9	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			2.2	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print) Paul Thompson Lead Operator	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO. 386-329-1122	DATE (YY/MM/DD) 04/05/21
--------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------	-------------------------------	-----------------------------

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.2	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				2.0		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.017		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Three-month Average Daily Flow: 0.003  
 (TMSDF/Permitted Capacity)x100: 13%

Monitoring Period From: 04/01/04 To: 04/30/04

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.018	0.018					7.4		2.2		
2	0.021	0.021					7.4		2.2		
3	0.018	0.008									
4	0.018	0.018									
5	0.018	0.018					7.4		2.0		
6	0.021	0.021					7.4		2.2		
7	0.018	0.018					7.4		2.2		
8	0.017	0.017					7.3		2.2		
9	0.017	0.017					7.3		2.2		
10	0.015	0.015									
11	0.015	0.015									
12	0.015	0.015					7.3		2.2		
13	0.016	0.016					7.3		2.2		
14	0.013	0.013					7.4		2.2		
15	0.018	0.018					7.3		2.2		
16	0.021	0.021					7.3		2.2		
17	0.023	0.023									
18	0.023	0.023									
19	0.023	0.023					7.2		2.2		
20	0.015	0.015					7.2		2.2		
21	0.013	0.013	2U		2.2		7.3	1U	2.2		
22	0.018	0.018					7.3		2.2		
23	0.015	0.015					7.3		2.2		
24	0.017	0.017									
25	0.017	0.017									
26	0.017	0.017					7.3		2.2		
27	0.006	0.006					7.3		2.2		
28	0.028	0.028					7.3		2.2		
29	0.013	0.013					7.3		2.2		
30	0.013	0.013					7.3		2.2		
31											

**PLANT STAFFING:**

Day Shift Operator    Class: C    Certification No.: 8173    Name: Grant Newlin  
 Evening Shift Operator    Class:    Certification No.:    Name:     
 Night Shift Operator    Class:    Certification No.:    Name:     
 Lead Operator    Class: A    Certification No.: 4894    Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Florida Water Services	PERMIT NUMBER: FLA011261	
MAILING ADDRESS: P.O. Box 609520	LIMIT: Final	Report: Monthly
Orlando, FL 32860-9520	CLASS SIZE: N/A	Group: Domestic
		WAFR MON. SITE NO.: 26294
FACILITY: Jungle Den WWTF	MONITORING GROUP NUMBER: R-001	
LOCATION: 1901 Alice Drive	PLANT SIZE/TREATMENT TYPE: IIIC	
Astor, FL	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: 05/01/2004 To: 05/31/2004

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.010		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.020		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		2.2		mg/L	Monthly	Grab
		Permit Measurement		20 (An.Avg.)		mg/L	Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		2.9	2.9	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement		4.9		mg/L	Monthly	Grab
		Permit Measurement		20 (An.Avg.)		mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		3.7	3.7	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson Lead Operator		386-329-1122	04/06/18

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.2	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				0.8		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.020		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab



### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 05/01/04

To: 05/31/04

Three-month Average Daily Flow: 0.007  
(TMSDF/Permitted Capacity)x100: 33%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.043	0.043							
2	0.043	0.043							
3	0.043	0.043					7.3	2.2	
4	0.038	0.038					7.2	2.0	
5	0.021	0.021					7.2	2.0	
6	0.020	0.020					7.2	2.2	
7	0.015	0.015					7.3	2.2	
8	0.019	0.019							
9	0.019	0.019							
10	0.019	0.019					7.2	2.0	
11	0.012	0.012					7.2	2.2	
12	0.025	0.025	2.9		3.7		7.2	1	2.2
13	0.024	0.024					7.2	2.2	
14	0.014	0.014					7.3	2.0	
15	0.018	0.018							
16	0.018	0.018							
17	0.018	0.018					7.3	2.0	
18	0.013	0.013					7.3	2.0	
19	0.013	0.013					7.3	2.0	
20	0.015	0.015					7.2	2.2	
21	0.012	0.012					7.2	1.8	
22	0.018	0.018							
23	0.018	0.018							
24	0.018	0.018					7.3	0.8	
25	0.014	0.014					7.3	1.4	
26	0.015	0.015					7.3	2.2	
27	0.015	0.015					7.3	2.2	
28	0.015	0.015					7.3	2.2	
29	0.018	0.018							
30	0.018	0.018							
31	0.018	0.018					7.4	2.0	

PLANT STAFFING: Class: C Certification No.: 8173 Name: Grant Newlin  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

**Docket No. 060368-WS**

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

**Florida**

**Report Missing:**

**Discharge Monitoring Report**

**Jungle Den**

**June 2004**

**Aqua Utilities Florida, Inc.**

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA011261	
MAILING ADDRESS: 1343 NE 17th Road	LIMIT: Final	Report: Monthly
Ocala, FL 34470	CLASS SIZE: N/A	Group: Domestic
		WAFR MON. SITE NO.: 26294
FACILITY: Jungle Den WWTF	MONITORING GROUP NUMBER: R-001	
LOCATION: 1901 Alice Drive	PLANT SIZE/TREATMENT TYPE: IIC	
Astor, FL	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: 07/01/2004 To: 07/31/2004

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.009	mgd			5 Days / week	Flow Meters and totalizer	
		Permit Measurement	0.021 (An.Avg.)	mgd			5 Days / week	Flow Meters and totalizer	
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.017	mgd			5 Days / week	Flow Meters and totalizer	
		Permit Measurement	Report (Mo.Avg.)	mgd			5 Days / week	Flow Meters and totalizer	
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement			2.1	mg/L	Monthly	Grab	
		Permit Measurement			20 (An.Avg)	mg/L	Monthly	Grab	
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement			2U	2U	mg/L	Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement			4.7	mg/L	Monthly	Grab	
		Permit Measurement			20 (An.Avg)	mg/L	Monthly	Grab	
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement			1.7	1.7	mg/L	Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Michael V. Fitzgerald, Operations Superintendent		352-732-0627	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.2	7.5	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo. Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				1.6		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.014		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo. Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

**DAILY SAMPLE RESULTS - PART B**

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 07/01/04 To: 07/31/04

Three-month Average Daily Flow: 0.012  
(TMSDF/Permitted Capacity)x100: 56%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.023	0.016					7.5		2.2		
2	0.024	0.016					7.4		2.2		
3	0.017	0.012									
4	0.017	0.012									
5	0.017	0.012					7.5		2.2		
6	0.022	0.018					7.5		2.2		
7	0.032	0.025					7.5		2.2		
8	0.018	0.025					7.5		2.2		
9	0.017	0.014					7.4		2.2		
10	0.014	0.012									
11	0.014	0.012									
12	0.014	0.012					7.4		2.2		
13	0.014	0.013					7.5		2.2		
14	0.013	0.011	2.0		1.7		7.5	1	1.6		
15	0.020	0.016					7.5		2.2		
16	0.017	0.013					7.5		1.6		
17	0.015	0.013									
18	0.015	0.013									
19	0.015	0.013					7.3		1.6		
20	0.015	0.013					7.4		1.9		
21	0.015	0.012					7.4		1.8		
22	0.014	0.011					7.4		2.0		
23	0.013	0.012					7.3		2.2		
24	0.012	0.012									
25	0.012	0.012									
26	0.012	0.012					7.2		1.6		
27	0.014	0.011					7.2		2.2		
28	0.018	0.013					7.3		2.2		
29	0.015	0.011					7.4		2.2		
30	0.018	0.014					7.3		2.2		
31	0.018	0.014									

PLANT STAFFING: Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Day Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:  
 Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Aqua Utilities Florida  
 MAILING ADDRESS: 1343 NE 17th Road  
 Ocala, FL 34470

PERMIT NUMBER: FLA011261  
 LIMIT: Final  
 CLASS SIZE: N/A

Report: Monthly  
 Group: Domestic  
 WAFR MON. SITE NO.: 26294

FACILITY: Jungle Den WWTF  
 LOCATION: 1901 Alice Drive  
 Astor, FL

MONITORING GROUP NUMBER: R-001  
 PLANT SIZE/TREATMENT TYPE: IIIC  
 NO DISCHARGE FROM SITE:

COUNTY: Volusia

MONITORING PERIOD--From: 08/01/2004 To: 08/31/2004

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.011	mgd					5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.034	mgd					5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement			2.1		mg/L		Monthly	Grab
		Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement			2U	2U	mg/L		Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement			4.7		mg/L		Monthly	Grab
		Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement			1U	1U	mg/L		Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Michael V. Fitzgerald, Operations Superintendent		352-369-4881	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.2		7.4	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL	Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL	Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			1.1			mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)			mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.013	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.022	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L	Annually	Grab
	Permit Measurement				Report		mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L	Annually	Grab
	Permit Measurement				Report		mg/L	Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 08/01/04 To: 08/31/04

Three-month Average Daily Flow: 0.014  
(TMSDF/Permitted Capacity)x100: 68%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.049	0.021							
2	0.049	0.021					7.4	1.1	
3	0.014	0.012					7.4	2.2	
4	0.019	0.015					7.4	2.0	
5	0.017	0.014					7.3	2.2	
6	0.022	0.003					7.3	2.2	
7	0.049	0.030							
8	0.049	0.030							
9	0.049	0.030					7.2	2.2	
10	0.018	0.030					7.3	1.3	
11	0.021	0.030	2.0		1.0		7.4	1	2.2
12	0.033	0.030					7.4	2.2	
13	0.023	0.030					7.3	2.2	
14	0.049	0.030							
15	0.049	0.030							
16	0.049	0.030					7.3	2.2	
17	0.025	0.030					7.4	2.2	
18	0.024	0.030					7.4	2.2	
19	0.022	0.016					7.4	2.2	
20	0.022	0.017					7.4	2.2	
21	0.049	0.021							
22	0.049	0.021							
23	0.049	0.021					7.2	2.2	
24	0.027	0.021					7.2	2.2	
25	0.019	0.015					7.2	2.2	
26	0.021	0.015					7.3	2.2	
27	0.034	0.021					7.3	2.2	
28	0.049	0.021							
29	0.049	0.021							
30	0.049	0.021					7.3	2.2	
31	0.017	0.015					7.3	2.2	

PLANT STAFFING: Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Day Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:  
 Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.





**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.2		7.6	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement			3			No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)			No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement			8		8	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)		800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			0.7			mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)			mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.013	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.024	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L	Annually	Grab
	Permit Measurement					Report	mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L	Annually	Grab
	Permit Measurement					Report	mg/L	Annually	Grab

## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 09/01/04

To: 09/30/04

Three-month Average Daily Flow: 0.015  
(TMSDF/Permitted Capacity)x100: 71%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.048	0.025									
2	0.048	0.025									
3	0.048	0.025					7.3		2.2		
4	0.048	0.025									
5	0.048	0.025									
6	0.048	0.025									
7	0.048	0.025									
8	0.083	0.025					7.6		1.0		
9	0.052	0.027					7.6		2.0		
10	0.032	0.023					7.5		2.2		
11	0.048	0.025									
12	0.048	0.025									
13	0.048	0.025					7.5		2.2		
14	0.048	0.021					7.4		2.2+		
15	0.048	0.015					7.5		2.2+		
16	0.033	0.024					7.5		2.2+		
17	0.021	0.015					7.5		2.2+		
18	0.048	0.025									
19	0.048	0.025									
20	0.048	0.025					7.5		2.2+		
21	0.058	0.035					7.3		0.8		
22	0.030	0.018	2.0		3.2		7.4	8	1.3		
23	0.038	0.029					7.3		2.2+		
24	0.021	0.017					7.3		1.0		
25	0.048	0.025									
26	0.048	0.025									
27	0.048	0.025									
28	0.067	0.034					7.2		0.7		
29	0.080	0.039					7.2		0.9		
30	0.068	0.029					7.3		0.8		
31											

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **1343 NE 17th Road**  
**Ocala, FL 34470**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **10/01/2004** To: **10/31/2004**

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	<b>0.012</b>		mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon. Site No. EFF-1	Permit Measurement	<b>0.021</b> (An. Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	<b>0.043</b>		mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon. Site No. EFF-1	Permit Measurement	<b>Report</b> (Mo. Avg.)		mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2.1</b>		mg/L		Monthly	Grab
Storet No. 80082 Mon. Site No. EFA-1	Permit Measurement				<b>20</b> (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2U</b>	<b>2U</b>	mg/L		Monthly	Grab
Storet No. 80082 Mon. Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo. Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>5.1</b>		mg/L		Monthly	Grab
Storet No. 00530 Mon. Site No. EFA-1	Permit Measurement				<b>20</b> (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>6.3</b>	<b>6.3</b>	mg/L		Monthly	Grab
Storet No. 00530 Mon. Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo. Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.1	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				5	5	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				0.7		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.013		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.023		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement					Report	mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement					Report	mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 10/01/04

To: 10/31/04

Three-month Average Daily Flow: 0.015  
(TMSDF/Permitted Capacity)x100: 70%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.042	0.023					7.2		0.9
2	0.050	0.023							
3	0.050	0.023							
4	0.050	0.023					7.1		0.8
5	0.031	0.023					7.2		0.7
6	0.026	0.023					7.2		2.1
7	0.024	0.023					7.3		2.1
8	0.024	0.023					7.4		2.2+
9	0.050	0.023							
10	0.050	0.023							
11	0.050	0.032					7.3		0.8
12	0.065	0.032					7.3		0.9
13	0.046	0.026					7.3		1.7
14	0.026	0.018	2.0		6.3		7.4	5	2.2+
15	0.035	0.025					7.3		1.5
16	0.050	0.021							
17	0.050	0.021							
18	0.050	0.021					7.4		2.2+
19	0.028	0.020					7.3		1.8
20	0.048	0.023					7.3		2.1
21	0.085	0.036					7.2		0.9
22	0.041	0.026					7.2		1.1
23	0.050	0.021							
24	0.050	0.021							
25	0.050	0.021					7.4		2.2+
26	0.024	0.018					7.4		2.2+
27	0.022	0.002					7.3		1.9
28	0.030	0.002					7.3		1.8
29	0.025	0.046					7.3		1.8
30	0.050	0.032							
31	0.050	0.032							

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_  
 Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **1343 NE 17th Road**  
**Ocala, FL 34470**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **11/01/2004** To: **11/30/2004**

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	<b>0.010</b>		mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon. Site No. EFF-1	Permit Measurement	<b>0.021</b> (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	<b>0.023</b>		mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon. Site No. EFF-1	Permit Measurement	<b>Report</b> (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2.1</b>		mg/L		Monthly	Grab
Storet No. 80082 Mon. Site No. EFA-1	Permit Measurement				<b>20</b> (An.Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2U</b>	<b>2U</b>	mg/L		Monthly	Grab
Storet No. 80082 Mon. Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>5.4</b>		mg/L		Monthly	Grab
Storet No. 00530 Mon. Site No. EFA-1	Permit Measurement				<b>20</b> (An.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>9.2</b>	<b>9.2</b>	mg/L		Monthly	Grab
Storet No. 00530 Mon. Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.2	7.4	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				3		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				12	12	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				0.7		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.015		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.050		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab



### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 11/01/04 To: 11/30/04

Three-month Average Daily Flow:	0.024
(TMSDF/Permitted Capacity)x100:	113%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon. Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.078	0.497					7.3		1.6		
2	0.015	0.029					7.2		2.2+		
3	0.017	0.030					7.2		2.2+		
4	0.027	0.033					7.3		2.2+		
5	0.022	0.030					7.3		1.9		
6	0.015	0.045									
7	0.015	0.045									
8	0.015	0.045					7.3		2.2+		
9	0.021	0.032					7.3		2.2+		
10	0.015	0.023	2U		9.2		7.4	12	2.2+		
11	0.024	0.035					7.4		2.2+		
12	0.022	0.032					7.3		2.2+		
13	0.010	0.045									
14	0.010	0.045									
15	0.011	0.045					7.3		2.2+		
16	0.073	0.033					7.2		1.6		
17	0.023	0.032					7.2		1.8		
18	0.020	0.029					7.2		1.8		
19	0.018	0.026					7.3		0.9		
20	0.023	0.045									
21	0.023	0.045									
22	0.023	0.045					7.3		1.5		
23	0.019	0.031					7.3		2.1		
24	0.019	0.030					7.2		1.9		
25	0.026	0.030					7.2		0.9		
26	0.024	0.031					7.2		2.0		
27	0.023	0.045									
28	0.023	0.045									
29	0.023	0.045					7.2		0.7		
30	0.020	0.030					7.2		2.2+		
31											

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:  
 Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA011261	Report: Monthly
MAILING ADDRESS: 1343 NE 17th Road	LIMIT: Final	Group: Domestic
Ocala, FL 34470	CLASS SIZE: N/A	WAFR MON. SITE NO.: 26294
FACILITY: Jungle Den WWTF	MONITORING GROUP NUMBER: R-001	
LOCATION: 1901 Alice Drive	PLANT SIZE/TREATMENT TYPE: IIIC	
Astor, FL	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: 12/01/2004 To: 12/31/2004

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	0.010	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	0.019	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.1	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.1	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement			5.3	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			8.4	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH	Sample Measurement				7.3	7.6	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				5		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				38	38	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection	Sample Measurement				1.4		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.013		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.029		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement						mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

**DAILY SAMPLE RESULTS - PART B**

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 12/01/04

To: 12/31/04

Three-month Average Daily Flow: 0.017  
(TMSDF/Permitted Capacity)x100: 79%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.012	0.024					7.4		2.2+		
2	0.025	0.037					7.4		2.2+		
3	0.018	0.029					7.3		2.2+		
4	0.019	0.029									
5	0.019	0.029									
6	0.019	0.029					7.3		2.2+		
7	0.015	0.025					7.3		2.2+		
8	0.022	0.035					7.4		2.2+		
9	0.018	0.029					7.3		2.2+		
10	0.018	0.030					7.3		2.2+		
11	0.019	0.029									
12	0.019	0.029									
13	0.019	0.029					7.5		2.2+		
14	0.016	0.031					7.4		2.2+		
15	0.014	0.029					7.4		2.2+		
16	0.012	0.024	2.1		8.4		7.5	38	2.2+		
17	0.020	0.038					7.5		2.2+		
18	0.018	0.029									
19	0.018	0.029									
20	0.018	0.029					7.5		2.2+		
21	0.021	0.036					7.5		2.2+		
22	0.017	0.030					7.3		1.7		
23	0.013	0.026					7.3		2.0		
24	0.030	0.034					7.4		1.4		
25	0.019	0.029									
26	0.019	0.029									
27	0.019	0.029					7.6		1.8		
28	0.023	0.034					7.4		2.0		
29	0.021	0.029					7.3		2.2+		
30	0.024	0.016					7.3		2.2+		
31	0.013	0.010					7.4		2.2+		

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:  
 Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **1343 NE 17th Road**  
**Ocala, FL 34470**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia** MONITORING PERIOD-From: **01/01/2005** To: **01/31/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.009	mgd			5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)	mgd			5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.017	mgd			5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)	mgd			5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		2.1	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		2U	2U	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement		4.8	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		2.4	2.4	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.3		7.5	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement			2			No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)			No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement			1U		1U	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)		800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			1.1			mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)			mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.014	mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement			130			mg/L	Annually	Grab
	Permit Measurement			Report			mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement			200			mg/L	Annually	Grab
	Permit Measurement			Report			mg/L	Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 01/01/05 To: 01/31/05

Three-month Average Daily Flow: 0.012  
(TMSDF/Permitted Capacity)x100: 56%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.019	0.014									
2	0.019	0.014									
3	0.019	0.014					7.3		2.2+		
4	0.021	0.014					7.4		2.0		
5	0.018	0.012					7.4		2.2+		
6	0.017	0.011					7.3		2.2		
7	0.021	0.016					7.3		2.2+		
8	0.019	0.015									
9	0.019	0.015									
10	0.019	0.015					7.5		2.2+		
11	0.018	0.014					7.4		2.2+		
12	0.001	0.010	2U	130	2.4	200	7.4	1U	2.2+		
13	0.001	0.018					7.4		2.2+		
14	0.001	0.017					7.5		2.2+		
15	0.018	0.015									
16	0.018	0.015									
17	0.018	0.015					7.4		2.2+		
18	0.021	0.015					7.4		2.2+		
19	0.017	0.013					7.4		2.2+		
20	0.015	0.012					7.4		2.2+		
21	0.024	0.018					7.4		2.2+		
22	0.017	0.014									
23	0.017	0.014									
24	0.017	0.014					7.4		2.2+		
25	0.021	0.016					7.4		2.2+		
26	0.018	0.014					7.4		2.2+		
27	0.021	0.016					7.5		2.2+		
28	0.016	0.007					7.3		1.1		
29	0.017	0.014									
30	0.017	0.014									
31	0.017	0.014					7.4		2.2+		

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_  
 Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA011261	
MAILING ADDRESS: PO Box 490310	LIMIT: Final	Report: Monthly
Leesburg, FL 34749	CLASS SIZE: N/A	Group: Domestic
FACILITY: Jungle Den WWTF	MONITORING GROUP NUMBER: R-001	WAFR MON. SITE NO.: 26294
LOCATION: 1901 Alice Drive	PLANT SIZE/TREATMENT TYPE: IIIC	
Astor, FL	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: 02/01/2005 To: 02/28/2005

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	0.009	mgd				5 Days / week	Flow Meters and totalizer
		0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	0.008	mgd				5 Days / week	Flow Meters and totalizer
		Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y			2.1	mg/L		Monthly	Grab
				20 (An.Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I			2U	mg/L		Monthly	Grab
				Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y			4.8	mg/L		Monthly	Grab
				20 (An.Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I			3.1	mg/L		Monthly	Grab
				Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				7.4	7.5	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 Mon.Site No. 9580	Sample Measurement				2.0		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.013		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 02/01/05 To: 02/28/05

Three-month Average Daily Flow: 0.011  
(TMSDF/Permitted Capacity)x100: 54%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
50050	50050	80082	80082	00530	00530	00400	74055	50060	
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	
1	0.020	0.014				7.4		2.2+	
2	0.008	0.012				7.5		2.2+	
3	0.008	0.015				7.5		2.2+	
4	0.008	0.015				7.5		2.2+	
5	0.008	0.016							
6	0.008	0.016							
7	0.008	0.016				7.5		2.2+	
8	0.008	0.011				7.5		2.0	
9	0.008	0.016	2U		3.1	7.5	1U	2.2+	
10	0.008	0.015				7.5		2.2+	
11	0.008	0.016				7.5		2.2+	
12	0.008	0.013							
13	0.008	0.013							
14	0.008	0.014				7.4		2.2+	
15	0.008	0.010				7.4		2.2+	
16	0.008	0.013				7.4		2.2+	
17	0.008	0.010				7.4		2.2+	
18	0.008	0.013				7.4		2.2+	
19	0.008	0.015							
20	0.008	0.015							
21	0.008	0.015				7.5		2.2+	
22	0.008	0.015				7.4		2.2+	
23	0.008	0.018				7.4		2.2+	
24	0.008	0.010				7.5		2.2+	
25	0.008	0.011				7.4		2.2	
26	0.008	0.018							
27	0.008	0.018							
28	0.008	0.019				7.4		2.2+	
29									
30									
31									

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_  
 Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **III C**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **03/01/2005** To: **03/31/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	0.009	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	0.017	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.1	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement			5.2	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			7.6	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				7.1	7.5	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				1U	1U	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 Mon.Site No. 9580	Sample Measurement				1.4		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.017		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

**DAILY SAMPLE RESULTS - PART B**

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 03/01/05

To: 03/31/05

Three-month Average Daily Flow: 0.013  
(TMSDF/Permitted Capacity)x100: 60%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon. Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.016	0.016					7.5		2.2+		
2	0.015	0.015					7.4		2.2+		
3	0.017	0.017					7.5		2.2+		
4	0.015	0.015					7.4		2.0		
5	0.018	0.018									
6	0.018	0.018									
7	0.018	0.018					7.4		1.4		
8	0.011	0.011					7.3		1.9		
9	0.010	0.010	2U		7.6		7.2	1U	2.2+		
10	0.020	0.020					7.2		2.2+		
11	0.012	0.012					7.3		2.2+		
12	0.018	0.018									
13	0.018	0.018									
14	0.018	0.018					7.2		2.2+		
15	0.014	0.014					7.2		2.2+		
16	0.014	0.014					7.2		2.2+		
17	0.014	0.014					7.1		2.2+		
18	0.012	0.012					7.2		2.2+		
19	0.018	0.018									
20	0.018	0.018									
21	0.018	0.018					7.2		2.2+		
22	0.017	0.017					7.2		2.2+		
23	0.027	0.027					7.1		2.2+		
24	0.020	0.020					7.1		2.2+		
25	0.014	0.014					7.2		2.2+		
26	0.018	0.018									
27	0.018	0.018									
28	0.018	0.018					7.2		2.2+		
29	0.019	0.019					7.2		2.2+		
30	0.015	0.015					7.2		2.0		
31	0.017	0.017					7.2		2.2+		

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **04/01/2005** To: **04/30/2005**

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.009	mgd					5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.017	mgd					5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement			2.1		mg/L		Monthly	Grab
		Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement			2U	2U	mg/L		Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement			5.2		mg/L		Monthly	Grab
		Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement			7.1	7.1	mg/L		Monthly	Grab
		Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.2	7.4	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement			3		No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)		No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement			8	8	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			0.8		mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)		mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.016	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement			MNR		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement			MNR		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab

**DAILY SAMPLE RESULTS - PART B**

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 04/01/05 To: 04/30/05  
 Three-month Average Daily Flow: 0.012 (TMSDF/Permitted Capacity)x100: 59%

Code	Mon. Site	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform (#/100ml)	TRC (for Disinfect.) (mg/L)
1		0.025	0.017					7.2		2.2+
2		0.006	0.017							
3		0.006	0.017							
4		0.006	0.017							2.2+
5		0.020	0.017							2.2+
6		0.012	0.010	2U	7.1			7.3	8	0.8
7		0.019	0.017					7.3		2.2+
8		0.076	0.029					7.3		2.0
9		0.012	0.029							
10		0.012	0.029							
11		0.012	0.029					7.2		2.2+
12		0.017	0.015					7.3		2.2+
13		0.017	0.013					7.2		2.2+
14		0.013	0.012					7.4		0.9
15		0.016	0.014					7.4		1.0
16		0.016	0.014							
17		0.016	0.014							
18		0.016	0.014					7.4		1.1
19		0.014	0.014					7.4		1.8
20		0.017	0.015					7.3		1.6
21		0.011	0.011					7.3		2.2+
22		0.015	0.014					7.3		2.2+
23		0.019	0.014							
24		0.019	0.014							
25		0.019	0.014					7.4		2.2+
26		0.009	0.009					7.4		2.2+
27		0.033	0.021					7.4		2.2+
28		0.028	0.017					7.3		2.0
29		0.012	0.012					7.4		1.4
30		0.024	0.012							
31										

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring

Day Shift Operator Class: Certification No.: Name:

Evening Shift Operator Class: Certification No.: Name:

Night Shift Operator Class: Certification No.: Name:

Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.



## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia** MONITORING PERIOD--From: **05/01/2005** To: **05/31/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.009		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.017		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		2.1	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		2U	2U	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement		5.4	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		9.5	9.5	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				7.1	7.9	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				6		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				46	46	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 Mon.Site No. 9580	Sample Measurement				1.8		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.018		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 05/01/05

To: 05/31/05

Three-month Average Daily Flow: 0.013  
(TMSDF/Permitted Capacity)x100: 62%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.013	0.022									
2	0.013	0.022					7.4		2.2+		
3	0.010	0.011					7.4		2.2+		
4	0.009	0.008	2U		9.5		7.4	46	2.2+		
5	0.122	0.049					7.4		2.0		
6	0.058	0.031					7.1		2.2+		
7	0.013	0.019									
8	0.014	0.020									
9	0.014	0.020					7.2		2.1		
10	0.016	0.016					7.3		2.2+		
11		0.013					7.3		2.2+		
12		0.016					7.7		2.0		
13		0.011					7.6		2.2+		
14	0.013	0.016									
15	0.014	0.017									
16	0.014	0.017					7.9		2.2+		
17	0.041	0.028					7.7		2.2+		
18	0.019	0.015					7.8		1.8		
19	0.018	0.015					7.7		2.0		
20	0.017	0.015					7.5		1.8		
21	0.006	0.014									
22	0.006	0.015									
23	0.006	0.015					7.5				
24	0.012	0.015					7.7		1.8		
25	0.015	0.013					7.6		2.2+		
26	0.021	0.016					7.6		2.2+		
27	0.011	0.011					7.5		2.2+		
28	0.006	0.015									
29	0.007	0.015									
30	0.007	0.015					7.5		2.0		
31	0.021	0.018					7.5		2.2+		

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: <b>Aqua Utilities Florida</b>	PERMIT NUMBER: <b>FLA011261</b>	
MAILING ADDRESS: <b>PO Box 490310</b>	LIMIT: <b>Final</b>	Report: <b>Monthly</b>
<b>Leesburg, FL 34749</b>	CLASS SIZE: <b>N/A</b>	Group: <b>Domestic</b>
		WAFR MON. SITE NO.: <b>26294</b>
FACILITY: <b>Jungle Den WWTF</b>	MONITORING GROUP NUMBER: <b>R-001</b>	
LOCATION: <b>1901 Alice Drive</b>	PLANT SIZE/TREATMENT TYPE: <b>IIIC</b>	
<b>Astor, FL</b>	NO DISCHARGE FROM SITE:	

COUNTY: Volusia MONITORING PERIOD--From: **06/01/2005** To: **06/30/2005**

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	Sample Measurement	0.010		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	Sample Measurement	0.022		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	Sample Measurement				2.1		mg/L		Monthly	Grab
	Permit Measurement				20 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	Sample Measurement				2U	2U	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	Sample Measurement				5.0		mg/L		Monthly	Grab
	Permit Measurement				20 (An.Avg)		mg/L		Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	Sample Measurement				4.5	4.5	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.0	7.5	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				2	2	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				1.6		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.019		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 06/01/05 To: 06/30/05

Three-month Average Daily Flow: 0.013  
(TMSDF/Permitted Capacity)x100: 63%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.039	0.020	2U		4.5		7.1	2	2.2+		
2	0.029	0.021					7.2		2.2+		
3	0.022	0.018					7.3		2.2+		
4	0.014	0.019									
5	0.014	0.019									
6	0.014	0.019					7.3		2.2+		
7	0.020	0.018					7.4		2.1		
8	0.016	0.015					7.4		1.6		
9	0.017	0.016					7.5		1.8		
10	0.018	0.015					7.5		2.0		
11	0.020	0.019									
12	0.020	0.019									
13	0.020	0.019					7.4		2.2+		
14	0.033	0.022					7.1		1.8		
15	0.015	0.012					7.3		2.2+		
16	0.066	0.033					7.2		2.2+		
17	0.073	0.039					7.2		2.2+		
18	0.014	0.019									
19	0.014	0.019									
20	0.014	0.019					7.2		2.2+		
21	0.021	0.018					7.1		2.2+		
22	0.024	0.017					7.2		2.2+		
23	0.014	0.012					7.2		2.2+		
24	0.028	0.019					7.3		2.2+		
25	0.010	0.019									
26	0.010	0.019									
27	0.010	0.019					7.2		2.2+		
28	0.026	0.017					7.0		2.2+		
29	0.022	0.015					7.0		2.2+		
30	0.034	0.021					7.0		2.2+		
31											

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Evening Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: <b>Aqua Utilities Florida</b>	PERMIT NUMBER: <b>FLA011261</b>	
MAILING ADDRESS: <b>PO Box 490310</b>	LIMIT: <b>Final</b>	Report: <b>Monthly</b>
<b>Leesburg, FL 34749</b>	CLASS SIZE: <b>N/A</b>	Group: <b>Domestic</b>
		WAFR MON. SITE NO.: <b>26294</b>
FACILITY: <b>Jungle Den WWTF</b>	MONITORING GROUP NUMBER: <b>R-001</b>	
LOCATION: <b>1901 Alice Drive</b>	PLANT SIZE/TREATMENT TYPE: <b>IIIC</b>	
<b>Astor, FL</b>	NO DISCHARGE FROM SITE:	

COUNTY: **Volusia** MONITORING PERIOD--From: **07/01/2005** To: **07/31/2005**

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	<b>0.011</b>		mgd				0	5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	<b>0.021</b> (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	<b>0.037</b>		mgd				0	5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	<b>Report</b> (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2.1</b>		mg/L	0	Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement				<b>20</b> (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<b>2U</b>	<b>2U</b>	mg/L	0	Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>4.8</b>		mg/L	0	Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement				<b>20</b> (An.Avg)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				<b>2.2</b>	<b>2.2</b>	mg/L	0	Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement				<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement				7.0	7.3	Std. Units	0	5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement				2		No. per 100mL	0	Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement				3	3	No. per 100mL	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement				1.0		mg/L	0	5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.013		mgd				0	5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.022		mgd				0	5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement				MNR		mg/L	0	Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement				MNR		mg/L	0	Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab



## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 07/01/05 To: 07/31/05

Three-month Average Daily Flow: 0.014  
(TMSDF/Permitted Capacity)x100: 68%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.028	0.018					7.0		2.2+		
2	0.024	0.027									
3	0.024	0.027									
4	0.024	0.027					7.3		2.2+		
5	0.028	0.020					7.1		2.2+		
6	0.013	0.011	2U		2.2		7.1	3	2.2+		
7	0.007	0.017					7.3		2.2+		
8	0.028	0.022					7.1		2.2+		
9	0.014	0.019									
10	0.014	0.019									
11	0.014	0.019					7.1		2.2+		
12	0.065	0.031					7.1		2.2+		
13	0.092	0.019					7.2		1.0		
14	0.056	0.024					7.3		2.2+		
15	0.003	0.024					7.1		2.2+		
16	0.004	0.028									
17	0.004	0.028									
18	0.004	0.028					7.2		2.2+		
19	0.057	0.026					7.1		2.2+		
20	0.088	0.026					7.1		1.3		
21	0.066	0.014					7.1		1.7		
22	0.123	0.017					7.1		2.3		
23	0.008	0.021									
24	0.008	0.021									
25	0.008	0.021					7.2		2.0		
26	0.008	0.017					7.2		2.2+		
27	0.192	0.022					7.1		2.0		
28	0.025	0.011					7.1		1.8		
29	0.046	0.026					7.2		2.2+		
30	0.031	0.024									
31	0.031	0.024									

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: C Certification No.: 7605 Name: Larry White  
Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: <b>Aqua Utilities Florida</b>	PERMIT NUMBER: <b>FLA011261</b>	Report: <b>Monthly</b>
MAILING ADDRESS: <b>PO Box 490310</b>	LIMIT: <b>Final</b>	Group: <b>Domestic</b>
<b>Leesburg, FL 34749</b>	CLASS SIZE: <b>N/A</b>	WAFR MON. SITE NO.: <b>26294</b>
FACILITY: <b>Jungle Den WWTF</b>	MONITORING GROUP NUMBER: <b>R-001</b>	
LOCATION: <b>1901 Alice Drive</b>	PLANT SIZE/TREATMENT TYPE: <b>IIIC</b>	
<b>Astor, FL</b>	NO DISCHARGE FROM SITE:	

COUNTY: **Volusia** MONITORING PERIOD--From: **08/01/2005** To: **08/31/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	<b>0.010</b>		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	<b>0.021</b> (An.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield  Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	<b>0.025</b>		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	<b>Report</b> (Mo.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		<b>2.1</b>		mg/L	Monthly	Grab
		Permit Measurement		<b>20</b> (An.Avg.)		mg/L	Monthly	Grab
BOD, Carbonaceous 5 day, 20C  Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		<b>2U</b>	<b>2U</b>	mg/L	Monthly	Grab
		Permit Measurement		<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement		<b>4.9</b>		mg/L	Monthly	Grab
		Permit Measurement		<b>20</b> (An.Avg.)		mg/L	Monthly	Grab
Solids, Total Suspended  Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		<b>3.2</b>	<b>3.2</b>	mg/L	Monthly	Grab
		Permit Measurement		<b>Report</b> (Mo.Avg.)	<b>60</b> (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter	Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
pH			7.1	7.3		5 Days / week	Grab
Storet No. 00400 Mon.Site No. EFA-1			6.0 (Min.)	8.5 (Max.)		5 Days / week	Grab
Fecal Coliform Bacteria					2	Monthly	Grab
Storet No. 74055 Mon.Site No. EFA-1			200 (Ar. Avg.)			Monthly	Grab
Fecal Coliform Bacteria					1U	Monthly	Grab
Storet No. 74055 Mon.Site No. EFA-1			Report (Mo.Avg.)	800 (Max.)		Monthly	Grab
TRC for disinfection						5 Days / week	Grab
Storet No. 50060 Mon.Site No. 9580			1.5			5 Days / week	Grab
Flow, Total through plant						5 Days / week	Grab
Storet No. 50050 Mon.Site No. EFF-2	0.012	mgd				5 Days / week	Flow Meters and totalizer
Flow, Total through plant						5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-2	0.021 (Ar. Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, Total through plant						5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-2	0.021	mgd				5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT					MNR	Annually	Grab
Storet No. 80082 Mon.Site No. INF-1	Report (Mo.Avg.)				Report	Annually	Grab
TSS INFLUENT					MNR	Annually	Grab
Storet No. 00530 Mon.Site No. INF-1	Report				Report	Annually	Grab

### DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 08/01/05 To: 08/31/05

Three-month Average Daily Flow: 0.014  
(TMSDF/Permitted Capacity)x100: 67%

Code	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1
1	0.093	0.074					7.1		1.5
2	0.047	0.020					7.2		1.9
3	0.019	0.026					7.1		1.5
4	0.012	0.017					7.1		1.9
5	0.029	0.019					7.2		2.2+
6	0.022	0.020							
7	0.022	0.020							
8	0.022	0.020					7.2		2.2+
9	0.011	0.029					7.2		2.2+
10	0.024	0.015	2U		3.2		7.2	1U	2.2+
11	0.034	0.021					7.3		2.2+
12	0.027	0.020					7.3		2.2
13	0.030	0.022							
14	0.030	0.022							
15	0.030	0.022					7.2		2.2+
16	0.015	0.013					7.3		2.2+
17	0.015	0.015					7.2		2.2+
18	0.017	0.017					7.3		2.2+
19	0.015	0.017					7.3		2.2+
20	0.012	0.016							
21	0.012	0.016							
22	0.012	0.016					7.2		2.2+
23	0.015	0.012					7.3		2.2+
24	0.014	0.020					7.2		2.2+
25	0.028	0.018					7.3		2.2+
26	0.035	0.024					7.3		2.2+
27	0.007	0.026							
28	0.007	0.026							
29	0.007	0.026					7.2		2.0
30	0.088	0.018					7.3		2.2+
31	0.024	0.017					7.3		2.2+

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: C Certification No.: 7605 Name: Larry White  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:  
 Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia** MONITORING PERIOD-From: **09/01/2005** To: **09/30/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.011	mgd			5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)	mgd			5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.031	mgd			5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)	mgd			5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		2.1	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		2U	2U	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	Y	Sample Measurement		5.0	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		5.1	5.1	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH	Sample Measurement				7.0	7.3	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Storet No. 00400 Mon.Site No. EFA-1 Fecal Coliform Bacteria	Sample Measurement				7		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Storet No. 74055 Mon.Site No. EFA-1 Fecal Coliform Bacteria	Sample Measurement				59	59	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection	Sample Measurement				0.6		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Storet No. 50060 Mon.Site No. 9580 Flow, Total through plant	Sample Measurement	0.012		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-2 Flow, Total through plant	Sample Measurement	0.019		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Storet No. 80082 Mon.Site No. INF-1 TSS INFLUENT	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Storet No. 00530 Mon.Site No. INF-1	Sample Measurement									
	Permit Measurement				Report		mg/L		Annually	Grab

## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period

From: 09/01/05

To: 09/30/05

Three-month Average Daily Flow: 0.013  
(TMSDF/Permitted Capacity)x100: 63%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.036	0.025					7.2		2.2+		
2	0.048	0.033					7.3		2.2+		
3	0.022	0.018									
4	0.022	0.018									
5	0.023	0.018					7.3		2.2+		
6	0.018	0.006					7.3		2.2+		
7	0.040		2U		5.1		7.3	59	2.0		
8	0.046						7.2		2.2+		
9	0.032	0.032					7.2		2.2+		
10	0.008	0.016									
11	0.008	0.016									
12	0.009	0.016					7.2		2.0		
13	0.067	0.018					7.3		2.2+		
14	0.025	0.018					7.3		2.2+		
15	0.016	0.014					7.3		2.2+		
16	0.017	0.015					7.0		2.2+		
17	0.028	0.016									
18	0.028	0.016									
19	0.028	0.016					7.3		2.2+		
20	0.023	0.020					7.3		2.2+		
21	0.023	0.018					7.2		2.2+		
22	0.085	0.045					7.3		2.2+		
23	0.047	0.033					7.3		2.2+		
24	0.035	0.026									
25	0.035	0.026									
26	0.035	0.026					7.3		0.6		
27	0.004	0.015					7.0		1.9		
28	0.023	0.023					7.0		2.0		
29	0.064	0.023					7.0		2.2+		
30	0.061	0.015					7.0		2.2+		
31											

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
 Day Shift Operator Class: C Certification No.: 7605 Name: Larry White  
 Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: Aqua Utilities Florida  
 MAILING ADDRESS: PO Box 490310  
 Leesburg, FL 34749

PERMIT NUMBER: FLA011261  
 LIMIT: Final  
 CLASS SIZE: N/A

Report: Monthly  
 Group: Domestic  
 WAFR MON. SITE NO.: 26294

FACILITY: Jungle Den WWTF  
 LOCATION: 1901 Alice Drive  
 Astor, FL

MONITORING GROUP NUMBER: R-001  
 PLANT SIZE/TREATMENT TYPE: IIIC  
 NO DISCHARGE FROM SITE:

COUNTY: Volusia

MONITORING PERIOD--From: 10/01/2005 To: 10/31/2005

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	Y	Sample Measurement	0.023		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	0.021 (An.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 Mon.Site No. EFF-1	I	Sample Measurement	0.034		mgd		5 Days / week	Flow Meters and totalizer
		Permit Measurement	Report (Mo.Avg.)		mgd		5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	Y	Sample Measurement		2.0	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Mon.Site No. EFA-1	I	Sample Measurement		2.2	2.2	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon Site No. EFA-1	Y	Sample Measurement		5.7	mg/L		Monthly	Grab
		Permit Measurement		20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Mon.Site No. EFA-1	I	Sample Measurement		6.4	6.4	mg/L	Monthly	Grab
		Permit Measurement		Report (Mo.Avg.)	60 (Max.)	mg/L	Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
pH	Sample Measurement			<b>6.6</b>	<b>7.0</b>	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	Std. Units	5 Days / week	Grab
Storet No. 00400 Mon.Site No. EFA-1 Fecal Coliform Bacteria	Sample Measurement			<b>17</b>		No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)		No. per 100mL	Monthly	Grab
Storet No. 74055 Mon.Site No. EFA-1 Fecal Coliform Bacteria	Sample Measurement			<b>29</b>	<b>29</b>	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection	Sample Measurement			<b>0.6</b>		mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)		mg/L	5 Days / week	Grab
Storet No. 50060 Mon.Site No. 9580 Flow, Total through plant	Sample Measurement	<b>0.022</b>	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-2 Flow, Total through plant	Sample Measurement	<b>0.021</b>	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Storet No. 80082 Mon.Site No. INF-1 CBOD5 INFLUENT	Sample Measurement			<b>MNR</b>		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab
Storet No. 00530 Mon.Site No. INF-1 TSS INFLUENT	Sample Measurement			<b>MNR</b>		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab

## DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011261

Jungle Den WWTF

Monitoring Period

From: 10/01/05

To: 10/31/05

Three-month Average Daily Flow: 0.029  
(TMSDF/Permitted Capacity)x100: 137%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon. Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.025	0.010									
2	0.025	0.010									
3	0.025	0.010					7.0		2.2+		
4	0.050	0.010					6.9		2.2+		
5	0.082	0.023					6.9		2.2+		
6	0.024	0.027					7.0		2.2+		
7	0.009	0.038					7.0		2.2+		
8	0.039	0.030									
9	0.039	0.030									
10	0.039	0.030					6.9		2.2+		
11	0.059	0.024					6.9		2.2+		
12	0.029	0.012	2.2		6.4		6.8	29	1.5		
13	0.060	0.024					6.8		2.1		
14	0.047	0.019					6.8		2.2+		
15	0.020	0.017									
16	0.020	0.017									
17	0.020	0.018					7.0		2.2+		
18	0.030	0.014					7.0		2.2+		
19	0.040	0.018					7.0		2.2+		
20	0.028	0.013					7.0		1.4		
21	0.038	0.017					7.0		2.2+		
22	0.037	0.030									
23	0.037	0.030									
24	0.037	0.030					6.6		0.6		
25	0.020	0.040					6.8		2.2+		
26	0.059	0.020					6.8		2.2+		
27	0.037	0.019					6.9		1.3		
28	0.039	0.018					7.0		2.2		
29	0.015	0.016									
30	0.015	0.016									
31	0.015	0.016					6.9		1.8		

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No:  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **11/01/2005** To: **11/30/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield	Sample Measurement	0.024	mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	0.021 (An.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield	Sample Measurement	0.025	mgd					5 Days / week	Flow Meters and totalizer
Storet No. 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd					5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.1		mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.5	2.5	mg/L		Monthly	Grab
Storet No. 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			5.4		mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			20 (An.Avg)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			5.4	5.4	mg/L		Monthly	Grab
Storet No. 00530 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60 (Max.)	mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 Mon.Site No. EFA-1	Sample Measurement				7.0	7.1	Std. Units		5 Days / week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	Std. Units		5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				18		No. per 100mL		Monthly	Grab
	Permit Measurement				200 (An. Avg.)		No. per 100mL		Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 Mon.Site No. EFA-1	Sample Measurement				29	29	No. per 100mL		Monthly	Grab
	Permit Measurement				Report (Mo.Avg.)	800 (Max.)	No. per 100mL		Monthly	Grab
TRC for disinfection Storet No. 50060 Mon.Site No. 9580	Sample Measurement				1.0		mg/L		5 Days / week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days / week	Grab
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.019		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Mon.Site No. EFF-2	Sample Measurement	0.015		mgd					5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)		mgd					5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
TSS INFLUENT Storet No. 00530 Mon.Site No. INF-1	Sample Measurement				MNR		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab

## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 11/01/05 To: 11/30/05

Three-month Average Daily Flow: 0.032  
(TMSDF/Permitted Capacity)x100: 151%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.029	0.016					7.1		2.2+		
2	0.034	0.014	2.5		5.4		7.0	29	2.1		
3	0.046	0.022					7.1		2.2+		
4	0.032	0.015					7.0		2.2+		
5	0.016	0.015									
6	0.016	0.015									
7	0.016	0.015					7.1		2.0		
8	0.026	0.003					7.0		2.2+		
9	0.025	0.018					7.1		2.2+		
10	0.026	0.020					7.1		2.2+		
11	0.019	0.012					7.1		2.2+		
12	0.013	0.014									
13	0.013	0.014									
14	0.013	0.014					7.1		2.2+		
15	0.023	0.013					7.1		2.2+		
16	0.021	0.012					7.0		1.0		
17	0.027	0.014					7.1		2.2+		
18	0.029	0.015					7.1		2.2+		
19	0.017	0.016									
20	0.017	0.016									
21	0.017	0.016					7.1		2.2+		
22	0.023	0.011					7.1		2.2		
23	0.028	0.016					7.1		2.2+		
24	0.024	0.015					7.1		2.2+		
25	0.021	0.012					7.1		2.2+		
26	0.021	0.015									
27	0.021	0.015									
28	0.021	0.015					7.1		2.2+		
29	0.075	0.039					7.1		2.2+		
30	0.074	0.022					7.1		2.2+		
31											

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Evening Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse: \_\_\_\_\_

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed Mail This Report To: Department of Environmental Protection, Central District, 3319 Maguire Blvd Suite 232, Orlando, Florida 32803-3767

PERMITTEE NAME: **Aqua Utilities Florida**  
 MAILING ADDRESS: **PO Box 490310**  
**Leesburg, FL 34749**

PERMIT NUMBER: **FLA011261**  
 LIMIT: **Final**  
 CLASS SIZE: **N/A**

Report: **Monthly**  
 Group: **Domestic**  
 WAFR MON. SITE NO.: **26294**

FACILITY: **Jungle Den WWTF**  
 LOCATION: **1901 Alice Drive**  
**Astor, FL**

MONITORING GROUP NUMBER: **R-001**  
 PLANT SIZE/TREATMENT TYPE: **IIIC**  
 NO DISCHARGE FROM SITE:

COUNTY: **Volusia**

MONITORING PERIOD--From: **12/01/2005** To: **12/31/2005**

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow, To Sprayfield Storet No. 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.024	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, To Sprayfield Storet No. 50050 I Mon.Site No. EFF-1	Sample Measurement	0.017	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
BOD, Carbonaceous 5 day, 20C Storet No. 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.1	mg/L		Monthly	Grab
	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C Storet No. 80082 I Mon.Site No. EFA-1	Sample Measurement			2.2	2.2 mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	60 (Max.) mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 Y Mon.Site No. EFA-1	Sample Measurement			5.2	mg/L		Monthly	Grab
	Permit Measurement			20 (An.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended Storet No. 00530 I Mon.Site No. EFA-1	Sample Measurement			5.7	5.7 mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	60 (Max.) mg/L		Monthly	Grab

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson, Lead Operator		386-937-1143	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY NAME: Jungle Den WWTF

PERMIT NUMBER: FLA011261

MONITORING GROUP NUMBER: R-001

Parameter		Quantity or Loading	Units	Quantity or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
pH Storet No. 00400 I Mon.Site No. EFA-1	Sample Measurement			7.0	7.2	Std. Units	5 Days / week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	Std. Units	5 Days / week	Grab
Fecal Coliform Bacteria Storet No. 74055 Y Mon.Site No. EFA-1	Sample Measurement			15		No. per 100mL	Monthly	Grab
	Permit Measurement			200 (An. Avg.)		No. per 100mL	Monthly	Grab
Fecal Coliform Bacteria Storet No. 74055 I Mon.Site No. EFA-1	Sample Measurement			2	2	No. per 100mL	Monthly	Grab
	Permit Measurement			Report (Mo.Avg.)	800 (Max.)	No. per 100mL	Monthly	Grab
TRC for disinfection Storet No. 50060 I Mon.Site No. 9580	Sample Measurement			2.1		mg/L	5 Days / week	Grab
	Permit Measurement			0.5 (Min.)		mg/L	5 Days / week	Grab
Flow, Total through plant Storet No. 50050 P Mon.Site No. EFF-2	Sample Measurement	0.018	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	0.021 (An.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
Flow, Total through plant Storet No. 50050 Q Mon.Site No. EFF-2	Sample Measurement	0.015	mgd				5 Days / week	Flow Meters and totalizer
	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days / week	Flow Meters and totalizer
CBOD5 INFLUENT Storet No. 80082 G Mon.Site No. INF-1	Sample Measurement			MNR		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab
TSS INFLUENT Storet No. 00530 G Mon.Site No. INF-1	Sample Measurement			MNR		mg/L	Annually	Grab
	Permit Measurement			Report		mg/L	Annually	Grab

## DAILY SAMPLE RESULTS - PART B

PermitNumber: FLA011261

Jungle Den WWTF

Monitoring Period From: 12/01/05 To: 12/31/05

Three-month Average Daily Flow: 0.027  
(TMSDF/Permitted Capacity)x100: 127%

	Flow (mgd) To Sprayfield	Flow (mgd) Total thru plant	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	pH Effluent (Std. Units)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)		
Code	50050	50050	80082	80082	00530	00530	00400	74055	50060		
Mon.Site	EFF-1	EFF-2	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1		
1	0.031	0.019					7.0		2.2+		
2	0.028	0.016					7.1		2.2+		
3	0.019	0.016									
4	0.019	0.016									
5	0.019	0.016					7.1		2.2+		
6	0.014	0.012					7.1		2.2+		
7	0.014	0.014					7.1		2.2+		
8	0.018	0.020					7.0		2.2+		
9	0.018	0.018					7.0		2.1		
10	0.019	0.016									
11	0.019	0.016									
12	0.019	0.016					7.1		2.2+		
13	0.020	0.017					7.1		2.2+		
14	0.011	0.009	2.2		5.7		7.1	2	2.2+		
15	0.018	0.017					7.2		2.2+		
16	0.016	0.016					7.1		2.2+		
17	0.015	0.016									
18	0.015	0.016									
19	0.015	0.016					7.2		2.2+		
20	0.011	0.011					7.1		2.2+		
21	0.022	0.016					7.2		2.2+		
22	0.017	0.016					7.2		2.2+		
23	0.013	0.011					7.1		2.2+		
24	0.014	0.014									
25	0.014	0.014									
26	0.014	0.014					7.1		2.2+		
27	0.017	0.018					7.1		2.2+		
28	0.015	0.016					7.1		2.2+		
29	0.016	0.015					7.2		2.2+		
30	0.015	0.014					7.1		2.2+		
31	0.016	0.015									

PLANT STAFFING: Class: B Certification No.: 12476 Name: David Haring  
Day Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Evening Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Night Shift Operator Class: \_\_\_\_\_ Certification No.: \_\_\_\_\_ Name: \_\_\_\_\_  
Lead Operator Class: A Certification No.: 4894 Name: Paul Thompson

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: Yes  No  Not Applicable  If yes, cumulative days of wet weather discharge \_\_\_\_\_

\* Attach additional sheets if necessary to list all certified operators.