

Valencia Terrace

Docket No. 060368-WS

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

Florida

VOLUME 6

Book 8

Set 21 of 24

Containing
Additional Engineering Requirements

Discharge Monitoring Report

Aqua Utilities Florida, Inc.

DOCUMENT NUMBER-DATE

00987 JAN 30 85

FPSC-COMMISSION CLERK

Aqua Utilities Florida, Inc. Discharge Monitoring Reports

Valencia Terrace

	Tab Number	Page Number
Year: 2004		
January	1	3
February	2	6
March	3	9
April	4	12
May	5	15
June	6	16
July	7	20
August	8	23
September	9	26
October	10	29
November	11	32
December	12	35
Year: 2005		
January	1	38
February	2	41
March	3	44
April	4	47
May	5	50
June	6	53
July	7	56
August	8	59
September	9	62
October	10	65
November	11	68
December	12	71

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL 32803-3767

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

PERMIT NUMBER: FLA010599
 LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001 and Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Valencia Terrace WWTF
 LOCATION: Black Bass Circle and Picciola Cut-Off
 Fruitland Park, FL
 COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 01/01/04 To: 01/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
PARM Code 50050 Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow	Sample Measurement	0.041		mgd					6 Days/week	Flow Meter
PARM Code 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.1		mg/L		Monthly	Grab
PARM Code 80082 Mon.Site No. EFA-1	Permit Measurement				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.1	2.1	mg/L		Monthly	Grab
PARM Code 80082 Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				3.9		mg/L		Monthly	Grab
PARM Code 00530 Mon.Site No. EFA-1	Permit Measurement				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Chief Plant Operator)		352-787-0980	04/02/25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

01/01/04

To:

01/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				3.0	3.0	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH	Sample Measurement				7.2		mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement				6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo. Geo. Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.2		mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				49.6%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement					0.1	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				180		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				230		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.040

MONITORING PERIOD--From: 01/01/04

To: 01/31/04

(TMADF/Permitted Capacity)x100: 50%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.037			7.5		2.2					
2	0.048			7.6		2.2					
3	0.031										
4											
5	0.086			7.6		2.2					
6	0.038			7.6		2.2					
7	0.048			7.5		2.2					
8	0.038			7.5		2.2					
9	0.030			7.5		2.2					
10	0.037					2.2					
11											
12	0.095			7.5		2.2					
13	0.048			7.6		2.2					
14	0.024	2.1	3.0	7.5	1U	2.2	0.09				
15	0.049			7.4		2.2					
16	0.038			7.5		2.2					
17	0.036					2.2					
18											
19	0.086			7.5		2.2					
20	0.046			7.4		2.2					
21	0.041			7.4		2.2					
22	0.040			7.2		2.2					
23	0.052			7.4		2.2					
24	0.020					2.2					
25											
26	0.091			7.4		2.2					
27	0.048			7.5		2.2					
28	0.032			7.4		2.2					
29	0.049			7.3		2.2					
30	0.036			7.3		2.2					
31	0.038										

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certification No.: <u>7522</u>	Name: <u>Brian Heath</u>
Day Shift Operator	Class: <u>B</u>	Certification No.: <u>9421</u>	Name: <u>Mike Ponticelli</u>
Day Shift Operator	Class: <u>B</u>	Certification No.: <u>7243</u>	Name: <u>John Worrell</u>
Lead Operator	Class: <u>B</u>	Certification No.: <u>7113</u>	Name: <u>Will Fontaine</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 Boulevard Suite 232, Orlando, FL 32803-3767

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

PERMIT NUMBER: **FLA010599**
 LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001 and Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Valencia Terrace WWTF
 LOCATION: Black Bass Circle and Picciola Cut-Off
 Fruitland Park, FL
 COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 02/01/04 To: 02/29/04

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.036	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.039	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.9	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			3.1	mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max)	mg/L	Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.7	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Chief Plant Operator)		352-787-0980	04/03/24

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

02/01/04

To:

02/29/04

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement			5.1	5.1	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.3	7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement			10		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2		mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement			50.8%		%		Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement				8.0	mg/L		Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement			250		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement			260		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.041

MONITORING PERIOD--From: 02/01/04

To: 02/29/04

(TMADF/Permitted Capacity)x100: 51%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)					
50050	80082	00530	00400	74055	50060	620						
Mon Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1					
1												
2	0.085			7.4		2.2						
3	0.050			7.3		2.2						
4	0.053			7.3		2.2						
5	0.042			7.3		2.2						
6	0.034			7.4		2.2						
7						2.2						
8	0.080					2.2						
9	0.046			7.5		2.2						
10	0.046			7.4		2.2						
11	0.036			7.5		2.2						
12	0.042			7.5		2.2						
13	0.032			7.4		2.2						
14	0.037					2.2						
15												
16	0.073			7.5		2.2						
17	0.056			7.6		2.2						
18	0.034	3.1	5.1	7.6	1U	2.2	8.0					
19	0.032			7.6		2.2						
20	0.042			7.6		2.2						
21	0.036					2.2						
22												
23	0.078			7.6		2.2						
24	0.046			7.4		2.2						
25	0.043			7.4		2.2						
26	0.049			7.3		2.2						
27	0.038			7.3		2.2						
28	0.030					2.2						
29												
30												
31												

PLANT STAFFING:

Day Shift Operator Class: C Certification No.: 7522 Name: Brian Heath
 Day Shift Operator Class: B Certification No.: 9421 Name: Mike Ponticelli
 Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

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

PERMIT NUMBER: FLA010599
 LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001 and Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Valencia Terrace WWTF
 LOCATION: Black Bass Circle and Picciola Cut-Off
 Fruitland Park, FL
 COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 03/01/04 To: 03/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.043		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement				2.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement				2U	2U	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement				3.3		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Chief Plant Operator)		352-787-0980	04/04/27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

03/01/04

To:

03/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon. Site No. EFA-1	Sample Measurement				3.1	3.1	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo. Avg.)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon. Site No. EFA-1	Sample Measurement				7.3	7.7	mg/L	0	5 Days/Week	Grab
	Permit Measurement				6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-1	Sample Measurement				10		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An. Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon. Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo. Geo. Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-1	Sample Measurement				2.2		mg/L		5 Days/Week	Grab
	Permit Measurement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon. Site No. EFF-1	Sample Measurement				51.3%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon. Site No. EFA-1	Sample Measurement					2.4	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon. Site No. INF-1	Sample Measurement				250		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon. Site No. INF-1	Sample Measurement				280		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.041

MONITORING PERIOD--From: 03/01/04

To: 03/31/04

(TMADF/Permitted Capacity)x100: 51%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
50050	80082	00530	00400	74055	50060	620					
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.083			7.4		2.2					
2	0.043			7.5		2.2					
3	0.042			7.4		2.2					
4	0.034			7.6		2.2					
5	0.049			7.6		2.2					
6	0.038					2.2					
7	0.038										
8	0.038			7.6		2.2					
9	0.058			7.4		2.2					
10	0.031			7.4		2.2					
11	0.034	2U	3.1	7.5	1U	2.2	2.4				
12	0.037			7.3		2.2					
13	0.042					2.2					
14	0.041										
15	0.041			7.5		2.2					
16	0.043			7.3		2.2					
17	0.040			7.5		2.2					
18	0.040			7.3		2.2					
19	0.042			7.3		2.2					
20	0.031					2.2					
21	0.044										
22	0.044			7.5		2.2					
23	0.043			7.6		2.2					
24	0.029			7.7		2.2					
25	0.048			7.5		2.2					
26	0.041			7.4		2.2					
27	0.030					2.2					
28	0.049										
29	0.049			7.4		2.2					
30	0.053			7.4		2.2					
31	0.072			7.4		2.2					

PLANT STAFFING:

Day Shift Operator Class: C Certification No.: 7522 Name: Brian Heath
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

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

PERMIT NUMBER: FLA010599
 LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001 and Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Valencia Terrace WWTF
 LOCATION: Black Bass Circle and Picciola Cut-Off
 Fruitland Park, FL
 COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD—From: 04/01/04 To: 04/30/04

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.036	mgd				6 Days/week	Flow Meter
PARM Code 50050 Y Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow	Sample Measurement	0.036	mgd				6 Days/week	Flow Meter
PARM Code 50050 I Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.7	mg/L		Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.3	mg/L		Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.1	mg/L		Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Chief Plant Operator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

04/01/04

To:

05/01/04

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended	Sample Measurement				8.0	8.0	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH	Sample Measurement			7.4		7.8	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				9		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (Ar.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				49.2%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement					1U	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				240		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				180		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 04/01/04

To: 05/01/04

(TMADF/Permitted Capacity)x100: 49%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.035			7.4		2.2					
2	0.040			7.4		2.2					
3	0.028					2.2					
4	0.043										
5	0.043			7.5		2.2					
6	0.036			7.5		2.2					
7	0.044			7.6		2.2					
8	0.030			7.5		2.2					
9	0.035			7.5		2.2					
10	0.037					2.2					
11	0.040										
12	0.040			7.6		2.2					
13	0.044			7.6		2.2					
14	0.023	2.3	8.0	7.5	1U	2.2	1.0				
15	0.042			7.4		2.2					
16	0.042			7.4		2.2					
17	0.034					2.2					
18	0.034										
19	0.028			7.6		2.2					
20	0.038			7.5		2.2					
21	0.025			7.7		2.2					
22	0.031			7.7		2.2					
23	0.058			7.6		2.2					
24	0.032					2.2					
25	0.040										
26	0.040			7.6		2.2					
27	0.044			7.6		2.2					
28	0.035			7.6		2.2					
29	0.029			7.5		2.2					
30	0.024			7.8		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: C Certification No.: 7522 Name: Brian Heath
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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

Valencia Terrace

May 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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	Florida Water Services	PERMIT NUMBER:	FLA010599	REPORT: Monthly
MAILING ADDRESS:	P.O. Box 609520	LIMIT:	Final	GROUP: Domestic
	Orlando, FL 32860-9520	CLASS SIZE:	N/A	
		MONITORING GROUP NUMBER:	R-001 and Influent	
FACILITY:	Valencia Terrace WWTF			
LOCATION:	Black Bass Circle and Picciola Cut-Off Fruitland Park, FL	NO DISCHARGE FROM SITE:		
COUNTY:	Lake	MONITORING PERIOD--From:	<u>06/01/04</u>	To: <u>06/30/04</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.037	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.033	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			3.5			Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			2U	2U		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.0			Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Chief Plant Operator)		407-598-4100	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From: **06/01/04** To: **07/01/04**

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement			1.4	1.4	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.4	7.8	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement			1U		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2		mg/L	0	5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement			43.3%		%	0	Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement				5.3	mg/L	0	Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement			220		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement			170		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.035

MONITORING PERIOD--From: 06/01/04

To: 06/30/04

(TMADF/Permitted Capacity)x100: 43%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
50050	80082	00530	00400	74055	50060	00620					
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.037			7.6		2.2					
2	0.038			7.6		2.2					
3	0.044			7.4		2.2					
4	0.035			7.4		2.2					
5	0.029					2.2					
6	0.038										
7	0.038			7.5		2.2					
8	0.048			7.5		2.2					
9	0.028	2U	1.4	7.6	1U	2.2	5.3				
10	0.035			7.6		2.2					
11	0.034			7.7		2.2					
12	0.042					2.2					
13	0.033										
14	0.033			7.8		2.2					
15	0.037			7.7		2.2					
16	0.041			7.5		2.2					
17	0.026			7.5		2.2					
18	0.030			7.7		2.2					
19	0.024					2.2					
20	0.034										
21	0.034			7.4		2.2					
22	0.024			7.6		2.2					
23	0.030			7.6		2.2					
24	0.032			7.6		2.2					
25	0.031			7.5		2.2					
26	0.024					2.2					
27	0.034										
28	0.034			7.5		2.2					
29	0.034			7.4		2.2					
30	0.020			7.5		2.2					

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certification No.: <u>7522</u>	Name: <u>Brian Heath</u>
Day Shift Operator	Class: <u>C</u>	Certification No.: <u>13614</u>	Name: <u>Adam Michaelson</u>
Day Shift Operator	Class: <u>B</u>	Certification No.: <u>7243</u>	Name: <u>John Worrell</u>
Lead Operator	Class: <u>B</u>	Certification No.: <u>7113</u>	Name: <u>Will Fontaine</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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: 2315 Griffin Road, Suite 4	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34748-3315	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off	NO DISCHARGE FROM SITE:	
Fruitland Park, FL		
COUNTY: Lake	MONITORING PERIOD--From: 07/01/04	To: 07/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.039		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement				3.1		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement				6.1	6.1	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement				3.2		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

07/01/04

To:

07/31/04

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon. Site No. EFA-1	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo. Avg.)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon. Site No. EFA-1	Sample Measurement		7.5		7.8	mg/L	0	5 Days/Week	Grab
	Permit Measurement		6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-1	Sample Measurement			10		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An. Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon. Site No. EFA-1	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo. Geo. Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-1	Sample Measurement		2.2			mg/L		5 Days/Week	Grab
	Permit Measurement		0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon. Site No. EFF-1	Sample Measurement			49.6%		%		Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon. Site No. EFA-1	Sample Measurement				0.5	mg/L		Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon. Site No. INF-1	Sample Measurement			164		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon. Site No. INF-1	Sample Measurement			436		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.040

MONITORING PERIOD--From: 07/01/04

To: 07/31/04

(TMADF/Permitted Capacity)x100: 50%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
50050	80082	00530	00400	74055	50060	620					
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.042			7.5		2.2					
2	0.019			7.5		2.2					
3	0.044					2.2					
4	0.027										
5	0.027			7.6		2.2					
6	0.046			7.6		2.2					
7	0.028			7.5		2.2					
8	0.028			7.5		2.2					
9	0.034			7.7		2.2					
10	0.018					2.2					
11	0.024										
12	0.025			7.6		2.2+					
13	0.043			7.5		2.2+					
14	0.031			7.5		2.2+					
15	0.022			7.7		2.2+					
16	0.043			7.5		2.2+					
17	0.017					2.2+					
18	0.033										
19	0.033	6.1	2.0	7.8	1U	2.2+	0.5				
20	0.030			7.8		2.2+					
21	0.030			7.7		2.2+					
22	0.024			7.6		2.2+					
23	0.310			7.6		2.2+					
24	0.030					2.2+					
25	0.029										
26	0.030			7.5		2.2+					
27	0.031			7.5		2.2+					
28	0.041			7.6		2.2					
29	0.026			7.7		2.2					
30	0.022			7.7		2.2					
31	0.030					2.2					

PLANT STAFFING:

Day Shift Operator Class: C Certification No.: 11993 Name: Al Gerardo
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: 2315 Griffin Road, Suite 4 Leesburg, FL 34748-3315	LIMIT: Final	GROUP: Domestic
	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off Fruitland Park, FL	NO DISCHARGE FROM SITE:	
COUNTY: Lake	MONITORING PERIOD--From: <u>08/01/04</u>	To: <u>08/31/04</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.031	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.9	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			4.0	mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.2	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

08/01/04

To:

08/31/04

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended	Sample Measurement				1.4	1.4	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement			7.1		7.8	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)		8.5 (Max)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				46.3%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement					6.8	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				170		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				200		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 08/01/04

To: 08/31/04

(TMADF/Permitted Capacity)x100: 46%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.034										
2	0.034			7.5		2.2+					
3	0.029			7.6		2.2+					
4	0.030			7.6		2.2+					
5	0.030	4.0	1.4	7.7	1U	2.2+					
6	0.037			7.7		22.+					
7	0.033										
8	0.033			7.8		2.2+					
9	0.031			7.7		2.2+					
10	0.028			7.6		2.2+					
11	0.029			7.6		2.2+					
12	0.031			7.6		2.2					
13	0.036			7.4		2.2					
14	0.023					2.2					
15	0.033										
16	0.033			7.6		2.2					
17	0.035			7.6		2.2					
18	0.031			7.6		2.2+					
19	0.026			7.5		2.2+					
20	0.037			7.6		2.2+					
21	0.036					2.2+					
22	0.031										
23	0.031			7.7		2.2+					
24	0.029			7.6		2.2+					
25	0.032			7.5		2.2+					
26	0.025			7.5		2.2+					
27	0.029			7.1		2.2+					
28	0.023					2.2					
29	0.038										
30	0.038			7.6		2.2+					
31	0.025			7.6		2.2+					

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certification No.: <u>11993</u>	Name: <u>Al Gerardo</u>
Day Shift Operator	Class: <u>B</u>	Certification No.: <u>7243</u>	Name: <u>John Worrell</u>
Day Shift Operator	Class: <u>C</u>	Certification No.: <u>13614</u>	Name: <u>Adam Michaelson</u>
Lead Operator	Class: <u>B</u>	Certification No.: <u>7113</u>	Name: <u>Will Fontaine</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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida
 MAILING ADDRESS: 2315 Griffin Road, Suite 4
 Leesburg, FL 34748-3315

PERMIT NUMBER: **FLA010599**
 LIMIT: **Final**
 CLASS SIZE: **N/A**
 MONITORING GROUP NUMBER: **R-001 and Influent**

REPORT: **Monthly**
 GROUP: **Domestic**

FACILITY: **Valencia Terrace WWTF**
 LOCATION: **Black Bass Circle and Picciola Cut-Off**
Fruitland Park, FL
 COUNTY: **Lake**

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 09/01/04 To: 09/30/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.033		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement				2.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement				2U	2U	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement				3.3		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

09/01/04

To:

09/30/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.8	2.8	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement				7.4	7.7	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement				6.0 (Min.)	8.5 (Max)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (Ar.Avg)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo,Geo,Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.2		mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				47.1%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.1	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				270		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				150		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.038

MONITORING PERIOD--From: 09/01/04

To: 09/30/04

(TMADF/Permitted Capacity)x100: 47%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.034			7.7		2.2					
2	0.040			7.6		2.2					
3	0.025			7.6		2.2					
4	0.025					2.2					
5	0.020										
6	0.021			7.5		2.2					
7	0.029			7.5		2.2					
8	0.047			7.5		2.2					
9	0.047			7.5		2.2					
10	0.038			7.5		2.2					
11	0.031					2.2					
12	0.044										
13	0.045			7.5		2.2					
14	0.029			7.6		2.2					
15	0.024	2U	2.8	7.6	1U	2.2	0.1				
16	0.036			7.5		2.2					
17	0.031			7.5		2.2					
18	0.020					2.2					
19	0.034										
20	0.035			7.4		2.2					
21	0.031			7.5		2.2					
22	0.036			7.4		2.2					
23	0.032			7.5		2.2					
24	0.032			7.4		2.2					
25	0.035					2.2					
26	0.044										
27	0.040			7.5		2.2					
28	0.036			7.4		2.2					
29	0.036			7.5		2.2					
30	0.044			7.4		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: 2315 Griffin Road, Suite 4 Leesburg, FL 34748-3315	LIMIT: Final	GROUP: Domestic
FACILITY: Valencia Terrace WWTF	CLASS SIZE: N/A	
LOCATION: Black Bass Circle and Picciola Cut-Off Fruitland Park, FL	MONITORING GROUP NUMBER: R-001 and Influent	
COUNTY: Lake	NO DISCHARGE FROM SITE:	
	MONITORING PERIOD--From: <u>10/01/04</u>	To: <u>10/31/04</u>

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement				2.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement				2.1	2.1	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement				3.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

10/01/04

To:

10/31/04

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement				9.5	9.5	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.4		7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement				10		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo.Geo.Mean)	1800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement				48.3%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement					0.3	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement				200		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement				170		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 10/01/04

To: 10/31/04

(TMADF/Permitted Capacity)x100: 48%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)						
50050	80082	00530	00400	74055	50060	620							
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1						
1	0.032			7.5		2.2							
2	0.029					2.2							
3	0.046												
4	0.047			7.6		2.2							
5	0.031			7.4		2.2							
6	0.046			7.5		2.2							
7	0.023			7.4		2.2							
8	0.038			7.5		2.2							
9	0.034					2.2							
10	0.037												
11	0.038			7.6		2.2							
12	0.035			7.5		2.2							
13	0.042			7.4		2.2							
14	0.040	2.1	9.5	7.5	1U	2.2	0.34						
15	0.022			7.5		2.2							
16	0.037					2.2							
17	0.044												
18	0.046			7.6		2.2							
19	0.026			7.5		2.2							
20	0.030			7.5		2.2							
21	0.037			7.5		2.2							
22	0.035			7.4		2.2							
23	0.031					2.2							
24	0.050												
25	0.052			7.4		2.2							
26	0.016			7.4		2.2							
27	0.037			7.5		2.2							
28	0.035			7.6		2.2							
29	0.034			7.6		2.2							
30	0.037					2.2							
31	0.037												

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: B Certification No.: 7113 Name: Will Fontaine
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: 2315 Griffin Road, Suite 4 Leesburg, FL 34748-3315	LIMIT: Final	GROUP: Domestic
	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off Fruitland Park, FL	NO DISCHARGE FROM SITE:	
COUNTY: Lake	MONITORING PERIOD--From: 11/01/04	To: 11/30/04

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.034	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.8	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			2.5	mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.4	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg.)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From: **11/01/04** To: **11/30/04**

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon. Site No. EFA-1	Sample Measurement			3.9	3.9	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo. Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon. Site No. EFA-1	Sample Measurement			7.3	7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-1	Sample Measurement			10		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An. Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon. Site No. EFA-1	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo. Geo. Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-1	Sample Measurement			2.2		mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon. Site No. EFF-1	Sample Measurement			47.5%		%		Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nitrate, Total (as N) PARM Code 00620 I Mon. Site No. EFA-1	Sample Measurement				2.5	mg/L		Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon. Site No. INF-1	Sample Measurement			230		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon. Site No. INF-1	Sample Measurement			190		mg/L		Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.038

MONITORING PERIOD--From: 11/01/04

To: 11/30/04

(TMADF/Permitted Capacity)x100: 48%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.034			7.4		2.2					
2	0.036	2.5	3.9	7.4	1U	2.2	2.5				
3	0.043			7.3		2.2					
4	0.024			7.5		2.2					
5	0.035			7.5		2.2					
6	0.034					2.2					
7	0.037										
8	0.037			7.6		2.2					
9	0.032			7.6		2.2					
10	0.040			7.5		2.2					
11	0.028			7.5		2.2					
12	0.047			7.6		2.2					
13	0.022					2.2					
14	0.046										
15	0.046			7.5		2.2					
16	0.035			7.6		2.2					
17	0.029			7.6		2.2					
18	0.032			7.5		2.2					
19	0.035			7.6		2.2					
20	0.031					2.2					
21	0.040										
22	0.038			7.6		2.2					
23	0.043			7.5		2.2					
24	0.031			7.5		2.2					
25	0.022			7.6		2.2					
26	0.043			7.3		2.2					
27	0.026					2.2					
28	0.034										
29	0.035			7.4		2.2					
30	0.047			7.3		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida
 MAILING ADDRESS: 2315 Griffin Road, Suite 4
 Leesburg, FL 34748-3315

PERMIT NUMBER: FLA010599
 LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001 and Influent

REPORT: Monthly
 GROUP: Domestic

FACILITY: Valencia Terrace WWTF
 LOCATION: Black Bass Circle and Picciola Cut-Off
 Fruitland Park, FL
 COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 12/01/04 To: 12/31/04

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.037	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.8	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			2.7	mg/L		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	mg/L	50.0 (Max)	Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.6	mg/L		Monthly	Grab
	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

12/01/04

To:

12/31/04

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement				7.3	7.3	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.3		7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement				10		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement				48.8%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement					7.4	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement				270		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement				170		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 12/01/04

To: 12/31/04

(TMADF/Permitted Capacity)x100: 49%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
50050	80082	00530	00400	74055	50060	620					
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.031			7.4		2.2					
2	0.035			7.4		1.8					
3	0.037			7.5		2.2					
4	0.034										
5	0.034					2.2					
6	0.031			7.5		2.2					
7	0.041			7.4		2.2					
8	0.037			7.4		2.2					
9	0.036			7.3		2.2					
10	0.035			7.5		2.2					
11	0.022					2.2					
12	0.044										
13	0.044			7.4		2.2					
14	0.035			7.4		2.2					
15	0.034			7.5		2.2					
16	0.030	2.7	7.3	7.6	1	2.2	7.4				
17	0.053			7.5		2.2					
18	0.023					2.2					
19	0.048										
20	0.047			7.4		2.2					
21	0.040			7.5		2.2					
22	0.036			7.5		2.2					
23	0.023			7.4		2.2					
24	0.038			7.5		2.2					
25	0.029					2.2					
26	0.030										
27	0.050			7.6		2.2					
28	0.046			7.6		2.2					
29	0.037			7.5		2.2					
30	0.044			7.6		2.2					
31	0.030			7.5		2.2					

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida
 MAILING ADDRESS: 2315 Griffin Road, Suite 4
 Leesburg, FL 34748-3315

PERMIT NUMBER: **FLA010599**
 LIMIT: **Final**
 CLASS SIZE: **N/A**
 MONITORING GROUP NUMBER: **R-001 and Influent**

REPORT: **Monthly**
 GROUP: **Domestic**

FACILITY: **Valencia Terrace WWTF**
 LOCATION: **Black Bass Circle and Picciola Cut-Off**
Fruitland Park, FL
 COUNTY: **Lake**

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 01/01/05 To: 01/31/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
PARM Code 50050 Y Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow	Sample Measurement	0.043		mgd					6 Days/week	Flow Meter
PARM Code 50050 I Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.8		mg/L		Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Measurement				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.7	2.7	mg/L		Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				3.4		mg/L		Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Measurement				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

01/01/05

To:

01/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			4.2	4.2	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH	Sample Measurement			7.3	7.6	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2		mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			51.3%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement				0.3	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			240		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement			170		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.041

MONITORING PERIOD—From: 01/01/05

To: 01/31/05

(TMADF/Permitted Capacity)x100: 51%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.042										
2	0.043					2.2					
3	0.055			7.5		2.2					
4	0.038			7.6		2.2					
5	0.044			7.5		2.2					
6	0.044			7.5		2.2					
7	0.048			7.4		2.2					
8	0.034					2.2					
9	0.048										
10	0.049			7.5		2.2					
11	0.037			7.6		2.2					
12	0.038			7.5		2.2					
13	0.042	2.7	4.2	7.5	1	2.2	0.3				
14	0.054			7.6		2.2					
15	0.034					2.2					
16	0.050										
17	0.052			7.5		2.2					
18	0.035			7.4		2.2					
19	0.043			7.3		2.2					
20	0.042			7.5		2.2					
21	0.054			7.5		2.2					
22	0.036					2.2					
23	0.036										
24	0.060			7.6		2.2					
25	0.046			7.5		2.2					
26	0.031			7.6		2.2					
27	0.056			7.5		2.2					
28	0.041			7.5		2.2					
29	0.038					2.2					
30	0.037										
31	0.038			7.5		2.2					

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: B Certification No.: 7113 Name: Will Fontaine
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	

FACILITY: **Valencia Terrace WWTF**

LOCATION: Black Bass Circle and Picciola Cut-Off
Fruitland Park, FL

COUNTY: Lake

MONITORING PERIOD--From: 02/01/05 To: 02/28/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.038		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement				2.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement				2.4	2.4	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement				3.2		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

02/01/05

To:

02/28/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended	Sample Measurement				1.9	1.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement			7.3		7.6	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				49.2%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement					1.7	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				260		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				200		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 02/01/05

To: 02/28/05

(TMADF/Permitted Capacity)x100: 49%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
50050	80082	00530	00400	74055	50060	620					
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.055			7.5		2.2					
2	0.043			7.5		2.2					
3	0.043			7.5		2.2					
4	0.043			7.6		2.2					
5	0.032										
6	0.032					2.2					
7	0.062			7.6		2.2					
8	0.034			7.6		2.2					
9	0.047			7.5		2.2					
10	0.030	2.4	1.9	7.5	1U	2.2	1.7				
11	0.049			7.5		2.2					
12	0.028					2.2					
13	0.052										
14	0.053			7.5		2.2					
15	0.043			7.3		2.2					
16	0.028			7.4		2.2					
17	0.054			7.6		2.2					
18	0.029			7.4		2.2					
19	0.038					2.2					
20	0.046										
21	0.046			7.5		2.2					
22	0.038			7.4		2.2					
23	0.044			7.4		2.2					
24	0.038			7.5		2.2					
25	0.041			7.6		2.2					
26	0.041					2.2					
27	0.047										
28	0.047			7.4		2.2					
29											
30											
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

Type of Disposal or Reclaimed Water Reuse:

Limited 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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	

FACILITY: Valencia Terrace WWTF	NO DISCHARGE FROM SITE:	
LOCATION: Black Bass Circle and Picciola Cut-Off		
Fruitland Park, FL		
COUNTY: Lake	MONITORING PERIOD--From: <u>03/01/05</u>	To: <u>03/31/05</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.036	mgd				6 Days/week	Flow Meter
PARM Code 50050 Y Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow	Sample Measurement	0.044	mgd				6 Days/week	Flow Meter
PARM Code 50050 I Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.9	mg/L		Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg.)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			3.7	3.7	mg/L	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.6	mg/L		Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg.)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

03/01/05

To:

03/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended	Sample Measurement				6.4	6.4	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH	Sample Measurement			7.3		7.7	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				2	2	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				51.7%		%		Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement					6.7	mg/L		Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				190		mg/L		Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				140		mg/L		Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.041

MONITORING PERIOD--From: 03/01/05

To: 03/31/05

(TMADF/Permitted Capacity)x100: 52%

	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)				
Code	50050	80082	00530	00400	74055	50060	620				
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1				
1	0.047			7.4		2.2					
2	0.041			7.6		2.2					
3	0.050			7.4		2.2					
4	0.032			7.5		2.2					
5	0.047					2.2					
6	0.042										
7	0.043			7.5		2.2					
8	0.035			7.6		2.2					
9	0.048			7.5		2.2					
10	0.041			7.6		2.2					
11	0.040			7.6		2.2					
12	0.042					2.2					
13	0.048										
14	0.047			7.3		2.2					
15	0.041			7.5		2.2					
16	0.043			7.6		2.2					
17	0.046	3.7	6.4	7.5	2	2.2	6.7				
18	0.056			7.6		2.2					
19	0.034					2.2					
20	0.048										
21	0.047			7.5		2.2					
22	0.035			7.5		2.2					
23	0.048			7.4		2.2					
24	0.041			7.6		2.2					
25	0.042			7.6		2.2					
26	0.052					2.2					
27	0.050										
28	0.049			7.6		2.2					
29	0.047			7.7		2.2					
30	0.040			7.6		2.2					
31	0.043			7.6		2.2					

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

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

PERMIT NUMBER: **FLA010599**
 LIMIT: **Final**
 CLASS SIZE: **N/A**
 MONITORING GROUP NUMBER: **R-001 and Influent**

REPORT: **Monthly**
 GROUP: **Domestic**

FACILITY: **Valencia Terrace WWTF**
 LOCATION: **Black Bass Circle and Picciola Cut-Off**
Fruitland Park, FL
 COUNTY: **Lake**

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 04/01/05 To: 04/30/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon. Site No. EFF-1	Sample Measurement	0.035		mgd					6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon. Site No. EFF-1	Sample Measurement	0.036		mgd					6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon. Site No. EFA-1	Sample Measurement				2.8		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon. Site No. EFA-1	Sample Measurement				2U	2U	mg/L		Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon. Site No. EFA-1	Sample Measurement				3.4		mg/L		Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD—From: **04/01/05** To: **04/30/05**

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement				4.0	4.0	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.4		7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement				10		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement				48.3%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement					4.6	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement				230		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement				170		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 04/01/05

To: 04/30/05

(TMADF/Permitted Capacity)x100: 48%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)						
50050	80082	00530	00400	74055	50060	620							
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1						
1	0.048			7.6		2.2							
2	0.029					2.2							
3	0.041												
4	0.042			7.6		2.2							
5	0.040			7.6		2.2							
6	0.046			7.5		2.2							
7	0.034			7.4		2.2							
8	0.043			7.6		2.2							
9	0.024					2.2							
10	0.046												
11	0.046			7.5		2.2							
12	0.041			7.6		2.2							
13	0.035			7.5		2.2							
14	0.034			7.6		2.2							
15	0.034			7.5		2.2							
16	0.024					2.2							
17	0.044												
18	0.043			7.5		2.2							
19	0.031			7.5		2.2							
20	0.037			7.5		2.2							
21	0.029	2U	4.0	7.5	1U	2.2	4.6						
22	0.040			7.4		2.2							
23	0.036												
24	0.037					2.2							
25	0.044			7.5		2.2							
26	0.036			7.5		2.2							
27	0.038			7.5		2.2							
28	0.037			7.5		2.2							
29	0.037			7.5		2.2							
30	0.025					2.2							
31													

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	

FACILITY: Valencia Terrace WWTF	NO DISCHARGE FROM SITE:	
LOCATION: Black Bass Circle and Picciola Cut-Off		
Fruitland Park, FL		
COUNTY: Lake	MONITORING PERIOD--From: <u>05/01/05</u>	To: <u>05/31/05</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.035	mgd				6 Days/week	Flow Meter
PARM Code 50050 Y Mon. Site No. EFF-1	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow	Sample Measurement	0.031	mgd				6 Days/week	Flow Meter
PARM Code 50050 I Mon. Site No. EFF-1	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.8	mg/L		Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	mg/L	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.2	mg/L		Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

05/01/05

To:

05/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement				2.3	2.3	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.0		7.7	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement				11		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An.Avg)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement				8	8	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement				46.3%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement					10.0	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement				200		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement				180		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 05/01/05

To: 05/31/05

(TMADF/Permitted Capacity)x100: 46%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)
50050	80082	00530	00400	74055	50060	620	80082	530	
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	
1	0.042								
2	0.043			7.4		2.2			
3	0.032			7.5		2.2			
4	0.026			7.5		2.2			
5	0.035	2U	2.3	7.6	8	2.2	10	200	
6	0.048			7.5		2.2		180	
7	0.025					2.2			
8	0.034								
9	0.034			7.5		2.2			
10	0.031			7.4		2.2			
11	0.030			7.3		2.2			
12	0.030			7.3		2.2			
13	0.029			7.3		2.2			
14	0.023					2.2			
15	0.035								
16	0.035			7.3		2.2			
17	0.028			7.3		2.2			
18	0.023			7.4		2.2			
19	0.030			7.4		2.2			
20	0.031			7.3		2.2			
21	0.016					2.2			
22	0.041								
23	0.040			7.4		2.2			
24	0.029			7.5		2.2			
25	0.023			7.5		2.2			
26	0.022			7.7		2.2			
27	0.037			7.5		2.2			
28	0.025					2.2			
29	0.030								
30	0.029			7.5		2.2			
31	0.038			7.0		2.2			

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	

FACILITY: **Valencia Terrace WWTF**
 LOCATION: **Black Bass Circle and Picciola Cut-Off**
Fruitland Park, FL
 COUNTY: **Lake**

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 06/01/05 To: 06/30/05

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon. Site No. EFF-1	Sample Measurement	0.035	mgd				6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon. Site No. EFF-1	Sample Measurement	0.031	mgd				6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon. Site No. EFA-1	Sample Measurement			2.8			Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon. Site No. EFA-1	Sample Measurement			2U	2U		Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max)		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon. Site No. EFA-1	Sample Measurement			3.1			Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

06/01/05

To:

06/30/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended PARM Code 00530 I Mon. Site No. EFA-1	Sample Measurement				1U	1U	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo. Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon. Site No. EFA-1	Sample Measurement			7.2		7.5	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-1	Sample Measurement				10		#/100ml	0	Monthly	Grab
	Permit Measurement				200 (An. Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon. Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo. Geo. Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-1	Sample Measurement			2.2			mg/L		5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon. Site No. EFF-1	Sample Measurement				46.3%		%		Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon. Site No. EFA-1	Sample Measurement					4.3	mg/L		Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon. Site No. INF-1	Sample Measurement				240		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon. Site No. INF-1	Sample Measurement				230		mg/L		Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 06/01/05

To: 06/30/05

(TMADF/Permitted Capacity)x100: 46%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050		80082	00530	00400	74055	50060	620	80082	530		
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.030			7.3		2.2					
2	0.024	2U	1U	7.4	1U	2.2	4.3	240.0	230.0		
3	0.030			7.4		2.2					
4	0.025					2.2					
5	0.035										
6	0.035			7.5		2.2					
7	0.037			7.4		2.2					
8	0.025			7.4		2.2					
9	0.038			7.4		2.2					
10	0.030			7.4		2.2					
11	0.024					2.2					
12	0.037										
13	0.036			7.3		2.2					
14	0.032			7.2		2.2					
15	0.030			7.2		2.2					
16	0.019			7.3		2.2					
17	0.038			7.3		2.2					
18	0.017					2.2					
19	0.037										
20	0.037			7.3		2.2					
21	0.032			7.4		2.2					
22	0.031			7.4		2.2					
23	0.037			7.4		2.2					
24	0.026			7.3		2.2					
25	0.038					2.2					
26	0.050										
27	0.052			7.4		2.2					
28	0.034			7.3		2.2					
29	0.024			7.4		2.2					
30	0.032			7.3		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	

FACILITY: **Valencia Terrace WWTF**
 LOCATION: **Black Bass Circle and Picciola Cut-Off**
Fruitland Park, FL
 COUNTY: **Lake**

NO DISCHARGE FROM SITE:

MONITORING PERIOD--From: 07/01/05 To: 07/31/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon. Site No. EFF-1	Sample Measurement	0.035		mgd				0	6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon. Site No. EFF-1	Sample Measurement	0.031		mgd				0	6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon. Site No. EFA-1	Sample Measurement				2.9		mg/L	0	Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon. Site No. EFA-1	Sample Measurement				3.3	3.3	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon. Site No. EFA-1	Sample Measurement				3.2		mg/L	0	Monthly	Grab
	Permit Measurement				20.0 (An.Avg.)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

07/01/05

To:

07/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement			2.2	2.2	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.3	7.4	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement			10		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement			2	2	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2		mg/L	0	5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement			46.3%		%	0	Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement				4.1	mg/L	0	Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement			200		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement			170		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 07/01/05

To: 07/31/05

(TMADF/Permitted Capacity)x100: 46%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050	80082	00530	00400	74055	50060	620	80082	530			
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.030			7.3		2.2					
2	0.024										
3	0.025					2.2					
4	0.035			7.3		2.2					
5	0.035			7.4		2.2					
6	0.029			7.3		2.2					
7	0.028			7.3		2.2					
8	0.026			7.4		2.2					
9	0.025					2.2					
10	0.038										
11	0.037			7.4		2.2					
12	0.028			7.3		2.2					
13	0.029			7.4		2.2					
14	0.026	3.3	2.2	7.4	2	2.2	4.1	200.0	170.0		
15	0.035			7.3		2.2					
16	0.016					2.2					
17	0.034										
18	0.034			7.4		2.2					
19	0.028			7.3		2.2					
20	0.035			7.3		2.2					
21	0.030			7.4		2.2					
22	0.030			7.3		2.2					
23	0.034										
24	0.035					2.2					
25	0.031			7.3		2.2					
26	0.030			7.3		2.2					
27	0.032			7.3		2.2					
28	0.025			7.4		2.2					
29	0.028			7.3		2.2					
30	0.034					2.2					
31	0.041										

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: B Certification No.: 7113 Name: Will Fontaine
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off	NO DISCHARGE FROM SITE:	
	Fruitland Park, FL	
COUNTY: Lake	MONITORING PERIOD-From: 08/01/05	To: 08/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.035	mgd			0	6 Days/week	Flow Meter
PARM Code 50050 Y Mon. Site No. EFF-1	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow	Sample Measurement	0.031	mgd			0	6 Days/week	Flow Meter
PARM Code 50050 I Mon. Site No. EFF-1	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.8	mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	0	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.2	mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From: **08/01/05** To: **08/31/05**

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			1.4	1.4	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement		7.3		7.6	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement		6.0 (Min.)		8.5 (Max)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement		2.2			mg/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement		0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			46.3%		%	0	Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement				5.8	mg/L	0	Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement				12.0 (Max)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			240		mg/L	0	Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement			190		mg/L	0	Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 08/01/05

To: 08/31/05

(TMADF/Permitted Capacity)x100: 46%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050	80082	00530	00400	74055	50060	620	80082	530			
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.040			7.4		2.2					
2	0.032			7.4		2.2					
3	0.030			7.4		2.2					
4	0.028			7.3		2.2					
5	0.023			7.3		2.2					
6	0.035					2.2					
7	0.035										
8	0.034			7.4		2.2					
9	0.026			7.4		2.2					
10	0.030			7.5		2.2					
11	0.028	2U	1.4	7.5	1	2.2	5.8	240.0	190.0		
12	0.030			7.5		2.2					
13	0.028					2.2					
14	0.032										
15	0.032			7.6		2.2					
16	0.028			7.5		2.2					
17	0.031			7.5		2.2					
18	0.032			7.5		2.2					
19	0.032			7.6		2.2					
20	0.030					2.2					
21	0.036										
22	0.036			7.6		2.2					
23	0.026			7.5		2.2					
24	0.030			7.6		2.2					
25	0.029			7.6		2.2					
26	0.024			7.5		2.2					
27	0.024					2.2					
28	0.038										
29	0.038			7.4		2.2					
30	0.038			7.4		2.2					
31	0.018			7.5		2.2					

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John WorrellDay Shift Operator Class: C Certification No.: 13614 Name: Adam MichaelsonDay Shift Operator Class: Certification No.: Name: Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off	NO DISCHARGE FROM SITE:	
Fruitland Park, FL		
COUNTY: Lake	MONITORING PERIOD--From: <u>09/01/05</u>	To: <u>09/30/05</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.035	mgd			0	6 Days/week	Flow Meter
PARM Code 50050 Y Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg.)	mgd				5 Days/week	Flow Meter
Flow	Sample Measurement	0.031	mgd			0	6 Days/week	Flow Meter
PARM Code 50050 I Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg.)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.8		0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg.)			Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg.)	60.0 (Max.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.3		0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg.)			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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

09/01/05

To:

09/30/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement				2.9	2.9	mg/L	0	Monthly	Grab
	Permit Measurement				Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.3		7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement				10		#/100mi	0	Monthly	Grab
	Permit Measurement				200 (An.Avg.)		#/100mi		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement				1U	1U	#/100ml	0	Monthly	Grab
	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2			mg/L	0	5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement				46.3%		%	0	Monthly	Calculated
	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement					5.3	mg/L	0	Annually	Grab
	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement				140		mg/L	0	Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement				62		mg/L	0	Annually	Grab
	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.037

MONITORING PERIOD--From: 09/01/05

To: 09/30/05

(TMADF/Permitted Capacity)x100: 46%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050	80082	00530	00400	74055	50060	620	80082	530			
Mon. Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.022			7.6		2.2					
2	0.030			7.5		2.2					
3	0.032					2.2					
4	0.029										
5	0.028			7.6		2.2					
6	0.031			7.6		2.2					
7	0.036			7.5		2.2					
8	0.036			7.6		1.6					
9	0.034			7.5		2.2					
10	0.022					2.2					
11	0.032										
12	0.032			7.3		2.2					
13	0.044			7.5		2.2					
14	0.029			7.4		2.2					
15	0.028	2U	2.9	7.4	1U	2.2	5.3	140.0	62.0		
16	0.032			7.5		2.2					
17	0.025					2.2					
18	0.035										
19	0.036			7.6		2.2					
20	0.035			7.5		2.2					
21	0.029			7.4		2.2					
22	0.025			7.4		2.2					
23	0.036			7.3		2.2					
24	0.028					2.2					
25	0.043										
26	0.043			7.4		2.2					
27	0.034			7.4		2.2					
28	0.030			7.4		2.2					
29	0.034			7.5		2.2					
30	0.034			7.4		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	Aqua Utilities Florida	PERMIT NUMBER:	FLA010599	REPORT: Monthly
MAILING ADDRESS:	PO Box 490310	LIMIT:	Final	GROUP: Domestic
	Leesburg, FL 34749	CLASS SIZE:	N/A	
		MONITORING GROUP NUMBER:	R-001 and Influent	

FACILITY:	Valencia Terrace WWTF	NO DISCHARGE FROM SITE:		
LOCATION:	Black Bass Circle and Picciola Cut-Off			
	Fruitland Park, FL			
COUNTY:	Lake	MONITORING PERIOD--From:	10/01/05	To: 10/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type
Flow PARM Code 50050 Y Mon.Site No. EFF-1	Sample Measurement	0.035	mgd			0	6 Days/week	Flow Meter
	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter
Flow PARM Code 50050 I Mon.Site No. EFF-1	Sample Measurement	0.036	mgd			0	6 Days/week	Flow Meter
	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon.Site No. EFA-1	Sample Measurement			2.8		0	Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			Monthly	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 I Mon.Site No. EFA-1	Sample Measurement			2U	2U	0	Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)		Monthly	Grab
Solids, Total Suspended PARM Code 00530 Y Mon.Site No. EFA-1	Sample Measurement			3.2		0	Monthly	Grab
	Permit Measurement			20.0 (An.Avg)			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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

10/01/05

To:

10/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			1.5	1.5	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement			7.4	7.6	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min)	8.5 (Max)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement			10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U	1U	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2		mg/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			48.3%		%	0	Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement				8.6	mg/L	0	Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement				12.0 (Max)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			190		mg/L	0	Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement			180		mg/L	0	Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.039

MONITORING PERIOD--From: 10/01/05

To: 10/31/05

(TMADF/Permitted Capacity)x100: 48%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)
50050	80082	00530	00400	74055	50060	620	80082	530	
Mon. Site:	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1
1	0.031					2.2			
2	0.037								
3	0.037			7.4		2.2			
4	0.029			7.6		2.2			
5	0.037			7.6		2.2			
6	0.042			7.6		2.2			
7	0.034			7.5		2.2			
8	0.026					2.2			
9	0.046								
10	0.044			7.4		2.2			
11	0.035			7.5		2.2			
12	0.028			7.6		2.2			
13	0.031	2U	1.5	7.6	1U	2.2	8.6	190.0	
14	0.040			7.6		2.2			
15	0.030					2.2			
16	0.040								
17	0.040			7.6		2.2			
18	0.036			7.6		2.2			
19	0.047			7.4		2.2			
20	0.034			7.4		2.2			
21	0.025			7.4		2.2			
22	0.035					2.2			
23	0.035								
24	0.048			7.4		2.2			
25	0.035			7.5		2.2			
26	0.035			7.5		2.2			
27	0.030			7.4		2.2			
28	0.041			7.4		2.2			
29	0.026					2.2			
30	0.041								
31	0.041			7.4		2.2			

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: _____ Certification No.: _____ Name: _____
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA010599	REPORT: Monthly
MAILING ADDRESS: PO Box 490310	LIMIT: Final	GROUP: Domestic
Leesburg, FL 34749	CLASS SIZE: N/A	
	MONITORING GROUP NUMBER: R-001 and Influent	
FACILITY: Valencia Terrace WWTF		
LOCATION: Black Bass Circle and Picciola Cut-Off	NO DISCHARGE FROM SITE:	
Fruitland Park, FL		
COUNTY: Lake	MONITORING PERIOD-From: <u>11/01/05</u>	To: <u>11/30/05</u>

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex	Frequency of Analysis	Sample Type	
Flow	Sample Measurement	0.035	mgd			0	6 Days/week	Flow Meter	
PARM Code 50050 Mon.Site No. EFF-1	Permit Measurement	0.08 (An.Avg)	mgd				5 Days/week	Flow Meter	
Flow	Sample Measurement	0.035	mgd			0	6 Days/week	Flow Meter	
PARM Code 50050 Mon.Site No. EFF-1	Permit Measurement	Report (Mo.Avg)	mgd				5 Days/week	Flow Meter	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.9	mg/L	0	Monthly	Grab	
PARM Code 80082 Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	mg/L		Monthly	Grab	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			3.8	3.8	mg/L	0	Monthly	Grab
PARM Code 80082 Mon.Site No. EFA-1	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L	Monthly	Grab	
Solids, Total Suspended	Sample Measurement			3.7	mg/L	0	Monthly	Grab	
PARM Code 00530 Mon.Site No. EFA-1	Permit Measurement			20.0 (An.Avg)	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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD-From:

11/01/05

To:

11/30/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type	
Solids, Total Suspended	Sample Measurement				7.8	7.8	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH	Sample Measurement			7.4		7.6	mg/L	0	5 Days/Week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Measurement			6.0 (Min.)		8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement				10		#/100ml	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Measurement				200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal	Sample Measurement				2	2	#/100ml	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Measurement				Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2			mg/L	0	5 Days/Week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Measurement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				47.9%		%	0	Monthly	Calculated
PARM Code 00180 I Mon.Site No. EFF-1	Permit Measurement				Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N)	Sample Measurement					3.1	mg/L	0	Annually	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Measurement					12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				220		mg/L	0	Annually	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
Solids, Total Suspended	Sample Measurement				190		mg/L	0	Annually	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Measurement				Report		mg/L		Annually	Grab
	Sample Measurement									
	Permit Measurement									

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.038

MONITORING PERIOD-From: 11/01/05

To: 11/30/05

(TMADF/Permitted Capacity)x100: 48%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050	80082	00530	00400	74055	50060	620	80082	530			
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.025			7.5		2.2					
2	0.035			7.5		2.2					
3	0.040			7.4		2.2					
4	0.025			7.5		2.2					
5	0.025					2.2					
6	0.046										
7	0.044			7.4		2.2					
8	0.024			7.6		2.2					
9	0.037			7.6		2.2					
10	0.031	3.8	7.8	7.5	2	2.2	3.1	220.0	190.0		
11	0.040			7.6		2.2					
12	0.031					2.2					
13	0.041										
14	0.041			7.6		2.2					
15	0.037			7.5		2.2					
16	0.031			7.6		2.2					
17	0.036			7.6		2.2					
18	0.043			7.5		2.2					
19	0.026					2.2					
20	0.042										
21	0.041			7.5		2.2					
22	0.040			7.5		2.2					
23	0.043			7.6		2.2					
24	0.034			7.5		2.2					
25	0.041			7.5		2.2					
26	0.035					2.2					
27	0.048										
28	0.047			7.6		2.2					
29	0.028			7.5		2.2					
30	0.041			7.4		2.2					
31											

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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 Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	Aqua Utilities Florida	PERMIT NUMBER:	FLA010599	REPORT:	Monthly
MAILING ADDRESS:	PO Box 490310	LIMIT:	Final	GROUP:	Domestic
	Leesburg, FL 34749	CLASS SIZE:	N/A		
		MONITORING GROUP NUMBER:	R-001 and Influent		
FACILITY:	Valencia Terrace WWTF				
LOCATION:	Black Bass Circle and Picciola Cut-Off	NO DISCHARGE FROM SITE:			
	Fruitland Park, FL				
COUNTY:	Lake	MONITORING PERIOD--From:	12/01/05	To:	12/31/05

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Flow	Sample Measurement	0.035		mgd				0	6 Days/week	Flow Meter
PARM Code 50050 Mon. Site No. EFF-1	Y	0.08 (An.Avg)		mgd					5 Days/week	Flow Meter
Flow	Sample Measurement	0.038		mgd				0	6 Days/week	Flow Meter
PARM Code 50050 Mon. Site No. EFF-1	I	Report (Mo.Avg)		mgd					5 Days/week	Flow Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.6		mg/L	0	Monthly	Grab
PARM Code 80082 Mon. Site No. EFA-1	Y				20.0 (An.Avg)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.3	3.3	mg/L	0	Monthly	Grab
PARM Code 80082 Mon. Site No. EFA-1	I				Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				3.2		mg/L	0	Monthly	Grab
PARM Code 00530 Mon. Site No. EFA-1	Y				20.0 (An.Avg)		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 of Print)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Will Fontaine (Field Coordinator)		352-787-0980	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): (Attach additional sheets if necessary.)

Discharge Monitoring Report - Part A (Continued)

Facility Name: Valencia Terrace WWTF

Permit Number: FLA010599

MONITORING GROUP NUMBER: R-001 and Influent

MONITORING PERIOD--From:

12/01/05

To:

12/31/05

Parameter		Quantity or Loading	Units	Quality or Concentration		Units	No. Ex	Frequency of Analysis	Sample Type
Solids, Total Suspended PARM Code 00530 I Mon.Site No. EFA-1	Sample Measurement			3.3	3.3	mg/L	0	Monthly	Grab
	Permit Measurement			Report (Mo.Avg)	60.0 (Max.)	mg/L		Monthly	Grab
pH PARM Code 00400 I Mon.Site No. EFA-1	Sample Measurement			7.2	7.6	mg/L	0	5 Days/Week	Grab
	Permit Measurement			6.0 (Min.)	8.5 (Max.)	mg/L		5 Days/Week	Grab
Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-1	Sample Measurement			2		#/100ml	0	Monthly	Grab
	Permit Measurement			200 (An.Avg.)		#/100ml		Monthly	Grab
Coliform, Fecal PARM Code 74055 I Mon.Site No. EFA-1	Sample Measurement			8	8	#/100ml	0	Monthly	Grab
	Permit Measurement			Report (Mo.Geo.Mean)	800 (Max.)	#/100ml		Monthly	Grab
Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-1	Sample Measurement			2.2		mg/L	0	5 Days/Week	Grab
	Permit Measurement			0.5 (Min.)		mg/L		5 Days/Week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100 PARM Code 00180 I Mon.Site No. EFF-1	Sample Measurement			45.4%		%	0	Monthly	Calculated
	Permit Measurement			Report		%		Monthly	Calculated
Nitrogen, Nirtate, Total (as N) PARM Code 00620 I Mon.Site No. EFA-1	Sample Measurement				0.6	mg/L	0	Annually	Grab
	Permit Measurement				12.0 (Max.)	mg/L		Annually	Grab
BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-1	Sample Measurement			210		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-1	Sample Measurement			240		mg/L	0	Annually	Grab
	Permit Measurement			Report		mg/L		Annually	Grab
	Sample Measurement								
	Permit Measurement								

E RESULTS - PART B

Permit Number: FLA010599

Facility: Valencia Terrace WWTF

WWTF Three-month Average Daily Flow 0.036

MONITORING PERIOD—From: 12/01/05

To: 12/31/05

(TMADF/Permitted Capacity)x100: 45%

Code	Flow (MGD)	CBOD ₅ (mg/L)	TSS (mg/L)	Ph (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	CBOD ₅ (mg/L)	TSS (mg/L)		
50050	80082	00530	00400	74055	50060	620	80082	530			
Mon.Site	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF - 1	INF - 1		
1	0.048			7.4		2.2					
2	0.038			7.2		2.2					
3	0.024					2.2					
4	0.043										
5	0.042			7.4		2.2					
6	0.038			7.3		2.2					
7	0.040			7.4		2.2					
8	0.031			7.3		2.2					
9	0.036			7.5		2.2					
10	0.038					2.2					
11	0.042										
12	0.042			7.5		2.2					
13	0.052			7.4		2.2					
14	0.020			7.5		2.2					
15	0.034	3.3	3.3	7.5	8	2.2	0.6	210.0	240.0		
16	0.046			7.4		2.2					
17	0.032					2.2					
18	0.042										
19	0.042			7.5		2.2					
20	0.040			7.4		2.2					
21	0.035			7.6		2.2					
22	0.038			7.6		2.2					
23	0.044			7.4		2.2					
24	0.031					2.2					
25	0.038										
26	0.038			7.4		2.2					
27	0.036			7.3		2.2					
28	0.036			7.5		2.2					
29	0.038			7.3		2.2					
30	0.046			7.4		2.2					
31	0.029					2.2					

PLANT STAFFING:

Day Shift Operator Class: B Certification No.: 7243 Name: John Worrell
 Day Shift Operator Class: C Certification No.: 13614 Name: Adam Michaelson
 Day Shift Operator Class: Certification No.: Name:
 Lead Operator Class: B Certification No.: 7113 Name: Will Fontaine

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.