

**Palm Port**

Docket No. 060368-WS

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

Florida

**VOLUME 6**

**Book 8**

**Set 14 of 24**

Containing  
Additional Engineering Requirements

Discharge Monitoring Report

**Aqua Utilities Florida, Inc.**

DOCUMENT NUMBER-DATE

00980 JAN 30 8

FPSC-COMMISSION CLERK

# Aqua Utilities Florida, Inc. Discharge Monitoring Reports

## Palm Port

	<b>Tab Number</b>	<b>Page Number</b>
<b>Year: 2004</b>		
January	1	3
February	2	6
March	3	9
April	4	12
May	5	15
June	6	16
July	7	17
August	8	20
September	9	23
October	10	26
November	11	27
December	12	30
<b>Year: 2005</b>		
January	1	33
February	2	36
March	3	39
April	4	42
May	5	45
June	6	48
July	7	51
August	8	54
September	9	57
October	10	60
November	11	61
December	12	64

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742-001-DW3P  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 01/01/2004 To: 01/31/04

Parameter	Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement		2.3		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon Site No. EFA-1	Permit Requirement		30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement		3.0		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement		1.1	1.1	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon Site No. EFA-1	Permit Requirement		30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement	7.3		7.5	S.U.	0	5 Days/Week	Meter
PARM Code 00400 I Mon Site No. EFA-1	Permit Requirement	6.0 (Min)		8.5 (Max)	S.U.		5 Days/Week	Meter
Coliform, Fecal	Sample Measurement		1.2		#/100mL	0	Monthly	Grab
PARM Code 74055 Y Mon Site No. EFA-1	Permit Requirement		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 Requirement		200 (Mo. Geo Mean)	800 (Max)	#/100mL		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement	1.4			mg/L	0	5 Days/Week	Meter
PARM Code 50060 A Mon Site No. EFA-1	Permit Requirement	0.5 (Min)			mg/L		5 Days/Week	Meter

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson A-4894		(386) 329-1122	04/02/19

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742-001-DW3P

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 01/01/2004 To: 01/31/04

Parameter		Quantity of Loading	Units	Quality or Concentration		No. Ex.	Frequency	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement			0.83	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement			120 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016	mgd			0	5 Days/Week	Elapsed Time meters
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)	mgd				5 Days/Week	Elapsed Time meters
Flow	Sample Measurement	0.015	mgd			0	5 Days/Week	Elapsed Time meters
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 Days/Week	Elapsed Time meters
BOD, Carbonaceous 5 day, 20C	Sample Measurement			150	mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement			Report (Mo.Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			120	mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement			Report (Mo.Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement			55.6%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement			Report (Mo.Total)	Percent		Monthly	Calculated



**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742-001-DW3P

Facility: Palm Port WWTP

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

	CBOD5 (mg/L)	TSS (MGL)	pH (SU)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect) (MG/L)	Nitrogen, Nirtate, Total (as N) (MG/L)	Flow (MGD)	CBOD5 (mg/L)	TSS (MGL)
Code	80082	00530	00400	74055	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-2	EFA-3	EFA-4	EFA-5	FLW-1	INF-1	INF-1
1			7.3		1.9		0.015		
2			7.3		1.8		0.023		
3			7.4		1.8		0.007		
4							0.015		
5			7.5		2.2		0.015		
6			7.5		2.2		0.015		
7	2U	1.1	7.5	1U	2.0	0.8	0.015	150	120
8			7.5		1.8		0.015		
9			7.5		1.4		0.013		
10			7.5		2.0		0.015		
11							0.016		
12			7.5		2.2		0.016		
13			7.5		2.0		0.021		
14			7.4		1.4		0.014		
15			7.4		2.2		0.008		
16			7.4		2.2		0.019		
17			7.4		2.2		0.013		
18							0.012		
19			7.4		2.2		0.012		
20			7.4		2.2		0.016		
21			7.4		2.2		0.015		
22			7.4		2.2		0.013		
23			7.4		2.2		0.015		
24			7.3		1.6		0.017		
25							0.015		
26			7.3		1.8		0.015		
27			7.3		2.2		0.010		
28			7.3		2.2		0.021		
29			7.3		2.2		0.014		
30			7.3		1.6		0.014		
31			7.4		1.8		0.019		
Total		1.1			53.7	0.8	0.465	150	120
Mo.Avg.		0.0	7.4		1.7	0.0	0.015	5	4

PLANT STAFFING:

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

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742-001-DW3P  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 02/01/2004 To: 02/28/04

Parameter		Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.3		mg/L	0	Monthly	Grab
PARM Code 80082-Y Mon Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082-I Mon Site No. EFA-1	Permit Requirement			30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			2.8		mg/L	0	Monthly	Grab
PARM Code 00530-Y Mon Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			1.2	1.2	mg/L	0	Monthly	Grab
PARM Code 00530-I Mon Site No. EFA-1	Permit Requirement			30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement		7.2		7.4	S.U.	0	5 Days/Week	Meter
PARM Code 00400-I Mon Site No. EFA-1	Permit Requirement		6.0 (Min)		8.5 (Max)	S.U.		5 Days/Week	Meter
Coliform, Fecal	Sample Measurement			1.2		#/100mL	0	Monthly	Grab
PARM Code 74055-Y Mon Site No. EFA-1	Permit Requirement			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 Requirement			200 (Mo. Avg.)	800 (Max)	#/100mL		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement		1.0			mg/L	0	5 Days/Week	Meter
PARM Code 50060-A Mon Site No. EFA-1	Permit Requirement		0.5 (Min)			mg/L		5 Days/Week	Meter

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson A-4894		386-329-1122	04/03/19

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742-001-DW3P

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 02/01/2004 To: 02/28/04

Parameter		Quantity of Loading	Units	Quality or Concentration		No. Ex.	Frequency	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement				0.38 mg/L	0	Monthly	Grab
PARM Code 00620 J Mon. Site No. EFA-1	Permit Requirement				12.0 Max mg/L		Monthly	Grab
Flow	Sample Measurement	0.016	mgd			0	5 Days/Week	Elapsed Time meters
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)	mgd				5 Days/Week	Elapsed Time meters
Flow	Sample Measurement	0.017	mgd			0	5 Days/Week	Elapsed Time meters
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	mgd				5 Days/Week	Elapsed Time meters
BOD, Carbonaceous 5 day, 20C	Sample Measurement				120 mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.) mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				95 mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.) mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				54.4% Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total) Percent		Monthly	Calculated

### DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742-001-DW3P

Facility: Palm Port WWTP

MONITORING PERIOD From: 02/01/2004 To: 02/28/2004

	CBOD5 (mg/L)	TSS (MGL)	pH (SU)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect) (MG/L)	Nirtrogen, Nirtate, Total (as N) (MG/L)	Flow (MGD)	CBOD5 (mg/L)	TSS (MGL)
Code	80082	00530	00400	74055	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-2	EFA-3	EFA-4	EFA-5	FLW-1	INF-1	INF-1
1							0.018		
2			7.4		2.2		0.018		
3			7.4		2.2		0.018		
4	2U	1.2	7.4	1U	2.0	0.4	0.017	120	95
5			7.4		1.8		0.016		
6			7.4		2.0		0.018		
7			7.4		2.2		0.019		
8							0.016		
9			7.4		2.0		0.016		
10			7.4		1.8		0.020		
11			7.4		2.0		0.013		
12			7.3		1.6		0.012		
13			7.3		1.2		0.015		
14			7.3		1.3		0.020		
15							0.016		
16			7.3		1.7		0.016		
17			7.3		2.0		0.019		
18			7.3		2.2		0.015		
19			7.2		1.4		0.017		
20			7.2		1.8		0.018		
21			7.3		1.8		0.020		
22							0.015		
23			7.3		2.0		0.015		
24			7.3		1.6		0.018		
25			7.3		1.0		0.025		
26			7.3		1.4		0.022		
27			7.3		2.0		0.019		
28			7.4		1.6		0.020		
29									
30									
31									
Total		1.2			42.8	0.4	0.490	120	95
Mo.Avg.		0.0	7.3		1.4	0.0	0.016	4	3

**PLANT STAFFING:**

Day Shift Operators:	Class: _____	Certification No.: _____	Name: _____
Evening Shift Operators:	Class: _____	Certification No.: _____	_____
Night Shift Operators:	Class: _____	Certification No.: _____	_____
Lead Operator:	Class: <u>A</u>	Certification No.: <u>4894</u>	Name: <u>Paul Thompson</u>

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742-001-DW3P  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 03/01/2004 To: 03/31/04

Parameter		Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.3		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Requirement			30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			2.5		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			3.9	3.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon. Site No. EFA-1	Permit Requirement			30.0 (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
pH	Sample Measurement		7.3		7.4	S.U.	0	5 Days/Week	Meter
PARM Code 00400 I Mon. Site No. EFA-1	Permit Requirement		6.0 (Min)		8.5 (Max)	S.U.		5 Days/Week	Meter
Coliform, Fecal	Sample Measurement			1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement			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 Requirement			200 (Mo. Geo. Mean)	300 (Max)	#/100mL		Monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement		1.0			mg/L	0	5 Days/Week	Meter
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement		0.5 (Min)			mg/L		5 Days/Week	Meter

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson A-4894		(386) 329-1122	04/04/26

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742-001-DW3P

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 03/01/2004

To: 03/31/04

Parameter	Sample Measurement	Quantity of Loading	Units	Quality or Concentration	No. Ex.	Frequency	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement			0.06 mg/L	0	Monthly	Grab
PARM Code 00620 I Mon. Site No. EFA-1	Permit Requirement			12.0 Max mg/L		Monthly	Grab
Flow	Sample Measurement	0.016	mgd		0	5 Days/Week	Elapsed Time meters
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An Avg.)	mgd			5 Days/Week	Elapsed Time meters
Flow	Sample Measurement	0.016	mgd		0	5 Days/Week	Elapsed Time meters
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	mgd			5 Days/Week	Elapsed Time meters
BOD, Carbonaceous 5 day, 20C	Sample Measurement			220 mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement			Report (Mo. Avg.) mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			250 mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement			Report (Mo. Avg.) mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement			53.3% Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement			Report (Mo. Total) Percent		Monthly	Calculated

### DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742-001-DW3P

Facility: Palm Port WWTP

MONITORING PERIOD From: 03/01/2004 To: 03/31/2004

	CBOD5 (mg/L)	TSS (MGL)	pH (SU)	Fecal Coliform Bacteria (#/100ML)	TRC (For Disinfect ) (MG/L)	Nirtrogen, Nirtate, Total (as N) (MG/L)	Flow (MGD)	CBOD5 (mg/L)	TSS (MGL)
Code	80082	00530	00400	74055	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-2	EFA-3	EFA-4	EFA-5	FLW-1	INF-1	INF-1
1			7.4		2.0		0.037		1
2			7.4		1.2		0.015		1
3			7.4		1.6		0.015		1.1
4			7.4		1.8		0.017		1.2
5			7.3		2.0		0.013		1.2
6			7.4		2.2		0.021		1.2
7							0.015		
8			7.4		1.6		0.015		1.2
9			7.4		2.0		0.016		1.2
10			7.4		2.2		0.015		1.2
11			7.4		2.0		0.021		1.2
12			7.3		2.2		0.009		1.2
13			7.3		2.0		0.019		1.2
14							0.015		
15			7.3		2.2		0.015		1.2
16			7.3		2.2		0.019		0.9
17	2U	3.9	7.3	1U	2.2	0.1	0.020		0.9
18			7.3		1.4		0.021		0.9
19			7.3		2.2		0.016		0.9
20			7.3		1.4		0.014		0.9
21							0.016		
22			7.3		2.0		0.016		0.9
23			7.3		2.0		0.014		1
24			7.3		1.6		0.011		1
25			7.3		2.0		0.012		1
26			7.3		1.6		0.013		1
27			7.3		1.3		0.016		1
28							0.016		
29			7.4		1.0		0.016		1
30			7.3		1.5		0.019		1
31			7.3		1.4		0.010		1
Total		3.9			48.8	0.1	0.506		
Mo.Avg.		0.1	7.3		1.6	0.0	0.016		

**PLANT STAFFING:**

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]

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

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.2		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		5.6	5.6	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.2	7.4	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Paul Thompson A-4894		(386) 329-1122	04/05/20

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_



## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 04/01/2004 To: 05/01/04

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.7		mg/L	2	Daily, five days per week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.26	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon. Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.012	0.015	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				200		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				130		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				50.0%		Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total)		Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 04/01/2004 To: 05/01/2004

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.3	1.8		0.010		
2				7.4	1.5		0.012		
3				7.4	1.5		0.008		
4							0.014		
5				7.4	1.6		0.014		
6				7.4	1.6		0.012		
7				7.4	2.0		0.012		
8				7.4	2.0		0.008		
9				7.4	1.5		0.016		
10							0.011		
11				7.3	1.5		0.011		
12				7.3	1.5		0.024		
13				7.3	1.3		0.008		
14				7.3	1.4		0.015		
15				7.3	1.5		0.014		
16				7.4	0.7		0.014		
17				7.4	0.8		0.010		
18							0.016		
19				7.2	2.2		0.016		
20				7.2	2.0		0.014		
21	2U	5.6	1U	7.2	2.0	0.3	0.008	200	130
22				7.2	2.0		0.016		
23				7.2	2.0		0.008		
24				7.2	2.2		0.013		
25							0.013		
26				7.2	2.0		0.013		
27				7.2	1.6		0.011		
28				7.2	1.8		0.018		
29				7.2	2.2		0.007		
30				7.2	2.2		0.011		
31									
Total							0.373		
Mo. Avg.	2U	5.6	1U	7.3	1.4	0.0	0.012	6	4

PLANT STAFFING:

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

**Palm Port**

Docket No. 060368-WS

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

In

Florida

**Report Missing:**

**Discharge Monitoring Report**

**Month/Year**

**May 2004**

Aqua Utilities Florida, Inc.

Docket No. 060368-WS

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

Florida

**Report Missing:  
Palm Port**

**Month/Year  
June 2004**

Aqua Utilities Florida, Inc.

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 07/01/2004 To: 07/31/04

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C PARM Code 80082 Y Mon. Site No. EFA-1	Sample Measurement		2.0		mg/L	0	Monthly	Grab
	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C PARM Code 80082 I Mon. Site No. EFA-1	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS) PARM Code 00530 Y Mon. Site No. EFA-1	Sample Measurement		2.9		mg/L	0	Monthly	Grab
	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS) PARM Code 00530 I Mon. Site No. EFA-1	Sample Measurement		5.2	5.2	mg/L	0	Monthly	Grab
	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-1	Sample Measurement		1U		#/100mL	1	Monthly	Grab
	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.2		S.U.	0	Daily, five days per week	Grab
	Permit Requirement		6.0 (Min)	8.6 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (YY/MM/DD)
Michael V. Fitzgerald, Operations Superintendent		352-732-6027	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 07/01/2004

To: 07/31/04

Parameter	Sample Measurement	Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0		mg/L	0	Daily, five days per week	Grab
PARM Code 50060-A Mon. Site No. EFA-1	Permit Requirement			0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement				0.16	mg/L	0	Monthly	Grab
PARM Code 00620-I Mon. Site No. EFA-1	Permit Requirement				12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050-G Mon. Site No. INF-1	Permit Requirement	0.030 (An Avg.)		mgd				Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014333333	mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050-P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd				Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				150	mg/L	0	Monthly	Grab
PARM Code 80082-G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				76	mg/L	0	Monthly	Grab
PARM Code 00530-G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				47.8%	Percent	0	Monthly	Calculated
PARM Code 00180-G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 07/01/2004 To: 07/31/2004

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.2	2.2		0.013		
2				7.2	2.2		0.013		
3				7.3	2.2		0.014		
4							0.013		
5				7.3	2.2		0.013		
6				7.3	2.2		0.014		
7	2U	5.2	1U	7.3	1.2	0.16	0.013	150	76
8				7.3	2.2		0.014		
9				7.3	2.2		0.014		
10				7.4	2.2		0.014		
11							0.015		
12				7.4	2.2		0.015		
13				7.4	2.2		0.018		
14				7.3	1.8		0.014		
15				7.3	2.2		0.013		
16				7.3	1.8		0.015		
17				7.4	2.2		0.014		
18							0.017		
19				7.4	1.0		0.017		
20				7.4	1.6		0.018		
21				7.3	2.0		0.013		
22				7.3	2.2		0.018		
23				7.3	2.2		0.015		
24				7.3	2.2		0.017		
25							0.015		
26				7.4	1.2		0.015		
27				7.4	2.0		0.017		
28				7.3	2.2		0.016		
29				7.3	2.2		0.014		
30				7.4	2.2		0.018		
31							0.016		
Total							0.466		
Mo.Avg.	2U	5.2	1U	7.3	1.7	0.01	0.015	5	2

PLANT STAFFING:

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

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 08/01/2004 To: 08/31/04

Parameter		Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.6	2.6	mg/L	0	Monthly	Grab
PARM Code 00530 I	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U		#100mL	1	Monthly	Grab
PARM Code 74055 Y	Permit Requirement			200 (An. Avg.)		#100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U	1U	#100mL	0	Monthly	Grab
PARM Code 74055 I	Permit Requirement			200 (Mo. GeoMean)	800 (Max)	#100mL		Monthly	Grab
pH	Sample Measurement			7.3	7.5	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I	Permit Requirement			6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here). Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_



## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 08/01/2004 To: 08/31/04

Parameter		Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon Site No. EFA-1	Permit Requirement			0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement				0.33	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon Site No. EFA-1	Permit Requirement				12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon Site No. INF-1	Permit Requirement	0.030 (An.Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.017	0.015 mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg.) mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			65		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon Site No. INF-1	Permit Requirement			Report (Mo.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			50		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon Site No. INF-1	Permit Requirement			Report (Mo.Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				50.0%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon Site No. CAL-1	Permit Requirement				Report (Mo.Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nirtrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1							0.017		
2				7.4	2.2		0.017		
3				7.3	2.2		0.017		
4	2U	2.6	1U	7.3	2.2	0.33	0.016	65	50
5				7.4	2.2		0.019		
6				7.4	2.2		0.020		
7				7.3	2.2		0.023		
8							0.020		
9				7.4	2.2		0.020		
10				7.4	2.2		0.015		
11				7.4	2.2		0.023		
12				7.3	2.2		0.010		
13				7.3	2.2		0.017		
14				7.3	2.2		0.022		
15							0.024		
16				7.3	2.2		0.024		
17				7.3	2.2		0.013		
18				7.4	2.2		0.024		
19				7.5	2.2		0.025		
20				7.4	2.2		0.018		
21				7.4	2.2		0.018		
22							0.015		
23				7.4	2.2		0.015		
24				7.3	2.2		0.016		
25				7.4	2.2		0.014		
26				7.4	2.2		0.011		
27				7.4	2.2		0.013		
28				7.4	2.2		0.015		
29							0.012		
30				7.3	2.2		0.012		
31				7.3	2.2		0.009		
Total							0.532		
Mo.Avg.	2U	2.6	1U	7.4	1.8	0.01	0.017	2	2

**PLANT STAFFING:**

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 09/01/2004 To: 09/30/04

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.4	2.4	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.9		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		5.9	5.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon Site No. EFA-1	Permit Requirement		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 Requirement		200 (Mo. Geo. Mean)	300 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.3	7.6	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)			Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 09/01/2004

To: 09/30/04

Parameter	Sample Measurement	Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.7		mg/L	1	Daily, five days per week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.42	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon. Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.017	0.015	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement					220	mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement					220	mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					50.0%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement					Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 09/01/2004 To: 09/30/2004

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1	2.4	5.9	1U	7.3	2.2	0.42	0.011	220	220
2				7.3	2.2		0.017		
3				7.3	2.2		0.014		
4				7.3	2.2		0.012		
5							0.015		
6							0.015		
7							0.015		
8							0.015		
9				7.6	1.6		0.015		
10				7.5	2.0		0.016		
11				7.4	2.2		0.023		
12							0.017		
13				7.4	2.2		0.017		
14				7.3	0.7		0.024		
15				7.3	2.0		0.021		
16				7.3	2.2+		0.015		
17				7.3	2.2		0.008		
18				7.3	2.2		0.015		
19							0.018		
20				7.3	2.2		0.018		
21				7.3	2.2+		0.036		
22				7.3	2.2+		0.021		
23				7.3	2.2+		0.014		
24				7.3	2.2+		0.015		
25				7.3	2.2		0.011		
26							0.032		
27				7.3	2.2		0.032		
28				7.3	2.2+		0.030		
29				7.3	1.5		0.015		
30				7.3	2.0		0.015		
31									
Total							0.541		
Mo. Avg.	2.4	5.9	1U	7.3	1.4	0.01	0.017	7	7

**PLANT STAFFING:**

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

**Palm Port**

Docket No. 060368-WS

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

Florida

**Report Missing:**

**Discharge Monitoring Report**

**Month/Year**

**October 2004**

Aqua Utilities Florida, Inc.

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD-From: 11/01/2004 To: 11/30/04

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.4	2.4	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		3.4		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		11.0	11.0	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1.1		#/100mL	0	Monthly	Grab
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement		200 (An. Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement		2.0	2.0	#/100mL	0	Monthly	Grab
PARM Code 74055 I Mon. Site No. EFA-1	Permit Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.2		S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon. Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

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

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD—From: 11/01/2004 To: 11/30/04

Parameter		Quantity of Loading	Units	Quality or Concentration		No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.4	mg/L	0	Daily, five days per week	Grab
PARM Code 50060 - A Mon. Site No. EFA-1	Permit Requirement			0.5 (Min)	mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement			4.80	mg/L	0	Monthly	Grab
PARM Code 00620 - I Mon. Site No. EFA-1	Permit Requirement			2.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016	mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 - G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)	mgd				Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014333333	mgd		0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 - P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd			Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			97	mg/L	0	Monthly	Grab
PARM Code 80082 - G Mon. Site No. INF-1	Permit Requirement			Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement			56	mg/L	0	Monthly	Grab
PARM Code 00530 - G Mon. Site No. INF-1	Permit Requirement			Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement			47.8%	Percent	0	Monthly	Calculated
PARM Code 00180 - G Mon. Site No. CAL-1	Permit Requirement			Report (Mo. Total)	Percent		Monthly	Calculated



**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.4	2.2+		0.019		
2				7.4	2.2+		0.013		
3	2.4	11.0	2U	7.5	2.2+	4.80	0.019	97	56
4				7.4	2.2+		0.008		
5				7.3	2.1		0.020		
6				7.3	2.2		0.014		
7							0.020		
8				7.2	2.2+		0.020		
9				7.2	2.2+		0.016		
10				7.2	2.0		0.010		
11				7.3	1.4		0.012		
12				7.3	2.2+		0.014		
13				7.3	2.2		0.012		
14							0.019		
15				7.3	2.2+		0.019		
16				7.3	2.2+		0.015		
17				7.3	2.2+		0.016		
18				7.3	2.2		0.016		
19				7.3	2.2+		0.010		
20				7.3	2.2		0.009		
21							0.021		
22				7.4	2.2+		0.021		
23				7.3	2.2+		0.008		
24				7.3	2.2+		0.012		
25				7.2	2.2+		0.013		
26				7.3	2.0		0.012		
27				7.3	2.0		0.014		
28							0.018		
29				7.3	2.2+		0.019		
30				7.3	2.2+		0.016		
31									
Total							0.455		
Mo.Avg.	2.4	11.0	2	7.3	1.3	0.15	0.015	3	2

**PLANT STAFFING:**

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 12/01/2004 To: 12/31/04

Parameter		Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.7	2.7	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			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 Requirement			200 (MoGeoMean)	800 (Max)	#/100mL		Monthly	Grab
pH	Sample Measurement			7.1	7.4	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement			6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

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

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 12/01/2004 To: 12/31/04

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.2		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					3.30	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014333333	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				170		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				190		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					47.8%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement				Report (Mo.Total)		Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 12/01/2004 To: 09/30/2004

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.2	2.2+		0.015		
2				7.2	2.2+		0.015		
3				7.2	1.8		0.015		
4				7.3	2.2		0.015		
5							0.015		
6				7.3	2.2+		0.015		
7				7.2	2.2+		0.015		
8	2U	2.7	1U	7.2	2.2+	3.30	0.015	170	190
9				7.2	2.2+		0.015		
10				7.3	2.2+		0.015		
11				7.3	2.2		0.015		
12							0.015		
13				7.4	2.2+		0.015		
14				7.3	2.2+		0.015		
15				7.1	2.2+		0.015		
16				7.2	2.2+		0.015		
17				7.3	2.2+		0.015		
18				7.2	2.2		0.015		
19				7.2	2.2		0.015		
20				7.2	2.2		0.015		
21				7.2	2.2		0.015		
22				7.3	2.2+		0.015		
23				7.3	2.2		0.015		
24				7.4	2.2+		0.015		
25							0.015		
26				7.3	2.2		0.015		
27				7.2	2.2+		0.015		
28				7.3	2.2		0.015		
29				7.3	2.2+		0.015		
30				7.3	2.2+		0.015		
31				7.3	2.2+		0.015		
Total							0.465		
Mo.Avg.	2U	2.7	1U	7.3	1.7	0.11	0.015	5	6

PLANT STAFFING:

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 01/01/2005 To: 01/31/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.5		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		1.1	1.1	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement		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 Requirement		200 (Mo. Geo. Mean)	800 (Max)	#/100mL		Monthly	Grab
pH	Sample Measurement		7.2		S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon. Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)			Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 01/01/2005 To: 01/31/05

Parameter	Quantity of Loading	Units	Quality or Concentration				No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.2		mg/L	0	Daily, five days per week	Grab
PARM Code 50060-A Mon Site No. EFA-1	Permit Requirement			0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement				0.49	mg/L	0	Monthly	Grab
PARM Code 00620-I Mon Site No. EFA-1	Permit Requirement				12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050-G Mon Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd				Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.014	0.014	mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050-P Mon Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd				Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				170	mg/L	0	Monthly	Grab
PARM Code 80082-G Mon Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				150	mg/L	0	Monthly	Grab
PARM Code 00530-G Mon Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				46.7%	Percent	0	Monthly	Calculated
PARM Code 00180-G Mon Site No. CAL-1	Permit Requirement				Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.3	2.2		0.014		
2							0.014		
3				7.3	2.2+		0.014		
4				7.3	2.2		0.014		
5	2U	1.1	1U	7.5	2.2+	0.49	0.014	170	150
6				7.3	2.2		0.012		
7				7.4	2.2+		0.019		
8				7.3	2.2		0.010		
9							0.015		
10				7.3	2.2+		0.015		
11				7.3	2.2+		0.016		
12				7.4	2.2+		0.016		
13				7.3	2.2+		0.010		
14				7.3	2.2+		0.022		
15				7.3	2.2		0.015		
16							0.016		
17				7.3	2.2+		0.016		
18				7.3	2.2+		0.014		
19				7.2	2.2+		0.011		
20				7.3	2.2+		0.013		
21				7.3	2.2+		0.014		
22				7.3	2.2		0.014		
23							0.014		
24				7.3	2.0		0.014		
25				7.3	2.2+		0.013		
26				7.3	2.2+		0.017		
27				7.3	2.2		0.007		
28				7.3	2.2+		0.019		
29				7.3	2.2		0.010		
30							0.017		
31				7.3	2.2		0.016		
Total							0.445		
Mo.Avg.	2U	1.1	1U	7.3	1.5	0.02	0.014	5	5

PLANT STAFFING:

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



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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 02/01/2005 To: 02/28/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.4	2.4	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.6		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		1.6	1.6	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.3	7.5	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_



## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 02/01/2005

To:

02/28/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.2		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					1.30	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon. Site No. EFA-1	Permit Requirement					120 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.015		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.013	0.013666667	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				280		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				270		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				45.6%		Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total)		Percent		Monthly	Calculated

## DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 02/01/2005 To: 02/28/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.3	2.2		0.014		
2	2.4	1.6	1U	7.5	2.2+	1.30	0.016	280	270
3				7.5	2.2		0.014		
4				7.4	2.2+		0.021		
5				7.3	2.2		0.010		
6							0.015		
7				7.4	2.2+		0.015		
8				7.3	2.2		0.014		
9				7.4	2.2+		0.018		
10				7.3	2.2		0.009		
11				7.4	2.2+		0.018		
12				7.3	2.2		0.011		
13							0.015		
14				7.4	2.2+		0.016		
15				7.3	2.2		0.012		
16				7.4	2.2+		0.015		
17				7.3	2.2		0.010		
18				7.4	2.2+		0.015		
19				7.3	2.2		0.012		
20							0.012		
21				7.3	2.2		0.013		
22				7.3	2.2		0.013		
23				7.3	2.2+		0.012		
24				7.3	2.2		0.008		
25				7.3	2.2		0.012		
26				7.3	2.2		0.017		
27							0.017		
28				7.3	2.2		0.017		
29									
30									
31									
Total							0.391		
Mo.Avg.	2.4	1.6	1U	7.3	1.5	0.04	0.013	9	9

## PLANT STAFFING:

Day Shift Operators:	Class: <u>B</u>	Certification No.: <u>12476</u>	Name: <u>David Haring</u>
Evening Shift Operators:	Class: _____	Certification No.: _____	_____
Night Shift Operators:	Class: _____	Certification No.: _____	_____
Lead Operator:	Class: <u>A</u>	Certification No.: <u>4894</u>	Name: <u>Paul Thompson</u>

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

PERMITTEE NAME: Aqua Utilities Florida	PERMIT NUMBER: FLA011742	
MAILING ADDRESS: PO Box 490310	LIMIT: Final	REPORT: Monthly
Leesburg, FL 34749	CLASS SIZE: Minor	GROUP: Domestic
FACILITY: Palm Port WWTP	MONITORING GROUP NUMBER: R-001	
LOCATION: Dog Branch Road	MONITORING GROUP DESC: Rapid Infiltration	
East Palatka, FL 32131	NO DISCHARGE FROM SITE: [ ]	
COUNTY: Putnam	MONITORING PERIOD-From: 03/01/2005	To: 03/31/2005

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.9	2.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.1	7.4	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An. Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

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

Parameter	Sample Measurement	Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.5		mg/L	3	Daily, five days per week	Grab
PARM Code 50060 A Mon Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.72	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon Site No. EFA-1	Permit Requirement					12.0 (Max)	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.016	0.015	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement					140	mg/L	0	Monthly	Grab
PARM Code 80082 G Mon Site No. INF-1	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement					110	mg/L	0	Monthly	Grab
PARM Code 00530 G Mon Site No. INF-1	Permit Requirement					Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					48.9%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon Site No. CAL-1	Permit Requirement					Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.3	2.2		0.019		
2	2U	2.9	1U	7.3	2.2+	0.72	0.015	140	110
3				7.3	2.2+		0.017		
4				7.4	2.2+		0.014		
5				7.3	2.2		0.015		
6							0.013		
7				7.3	2.2		0.013		
8				7.3	2.2		0.013		
9				7.2	2.2+		0.020		
10				7.3	2.2		0.015		
11				7.3	0.5		0.022		
12				7.3	2.2		0.016		
13							0.015		
14				7.1	2.0		0.015		
15				7.1	0.5		0.017		
16				7.1	2.2+		0.010		
17				7.2	2.2+		0.015		
18				7.2	2.2+		0.020		
19				7.2	2.2		0.010		
20							0.020		
21				7.2	2.2+		0.020		
22				7.3	2.2+		0.013		
23				7.1	1.0		0.017		
24				7.2	2.2+		0.014		
25				7.2	2.2+		0.013		
26				7.2	2.2+		0.039		
27							0.017		
28				7.1	0.9		0.017		
29				7.1	1.2		0.015		
30				7.2	2.2		0.012		
31				7.2	2.2+		0.017		
Total							0.506		
Mo.Avg.	2U	2.9	1U	7.2	1.3	0.02	0.016	5	4

**PLANT STAFFING:**

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

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 04/01/2005 To: 04/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.9		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		5.2	5.2	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.1		S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

DISCHARGE MONITORING REPORT - PART A (Continued)

MONITORING PERIOD--From: 04/01/2005 To: 04/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration		No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample		mg/L	1.2	0	Daily, five days per week	Grab
PARM Code 50060 A	Permit Requirement		mg/L	0.5 (Min)		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample		mg/L	0.57	0	Monthly	Grab
PARM Code 00620 I	Permit Requirement		mg/L	12.0 Max		Monthly	Grab
Flow	Sample	mgd		0.015	0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G	Measurement		mgd			Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G	Permit Requirement		mgd	0.030 (An Avg)		Daily, five days per week	Recording flow meter and totalizer
Flow	Sample	mgd		0.002	0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P	Permit Requirement		mgd	0.01		Daily, five days per week	Recording flow meter and totalizer
PARM Code 80082 G	Sample		mg/L	110	0	Monthly	Grab
PARM Code 80082 G	Permit Requirement		mg/L	Report (Mo. Avg)		Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample		mg/L	41	0	Monthly	Grab
PARM Code 90530 G	Measurement		mg/L			Monthly	Grab
PARM Code 90530 G	Permit Requirement		mg/L	Report (Mo. Avg)		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample		Percent	33.3%	0	Monthly	Calculated
PARM Code 00180 G	Measurement		Percent			Monthly	Calculated
PARM Code 00180 G	Permit Requirement		Percent	Report (Mo. Total)		Monthly	Calculated



**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.2	2.2		0.002		
2				7.2	2.2		0.002		
3							0.002		
4				7.1	1.2		0.002		
5				7.3	2.2		0.002		
6				7.3	2.2		0.002		
7				7.3	2.2		0.001		
8				7.2	2.2		0.002		
9				7.2	2.2		0.003		
10							0.001		
11				7.3	2.2		0.001		
12				7.3	2.2		0.002		
13	2U	5.2	1U	7.3	2.2	0.57	0.002	110	41
14				7.3	2.2		0.002		
15				7.4	2.2		0.001		
16				7.3	2.2		0.002		
17							0.002		
18				7.3	2.2		0.002		
19				7.3	2.2		0.001		
20				7.3	2.0		0.001		
21				7.4	2.2		0.001		
22				7.3	2.2		0.002		
23				7.3	2.2		0.001		
24							0.002		
25				7.3	2.2		0.002		
26				7.3	2.2		0.001		
27				7.4	2.2		0.002		
28				7.4	2.2		0.001		
29				7.5	2.2		0.002		
30				7.4	2.2		0.002		
31									
Total							0.048		
Mo.Avg.	2U	5.2	1U	7.3	1.8	0.02	0.002	4	1

**PLANT STAFFING:**

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



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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 05/01/2005 To: 05/31/05

Parameter		Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.6		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			1.9	1.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement			1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			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 Requirement			200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement			7.3	7.8	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement			6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 05/01/2005 To: 05/31/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.0		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.65	mg/L	0	Monthly	Grab
PARM Code 00620 J Mon. Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.014	0.014	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				230		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				230		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				46.7%		Percent	0	Monthly	Calculated
PARM Code 00180 G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total)		Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 05/01/2005 To: 05/31/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nirtrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1							0.019		
2				7.4	2.2+		0.019		
3				7.5	2.2+		0.012		
4				7.5	2.2+		0.016		
5				7.5	2.2+		0.020		
6				7.4	2.2+		0.018		
7				7.4	2.2+		0.018		
8							0.019		
9				7.4	2.0		0.019		
10				7.5	2.2+		0.011		
11	2U	1.9	1U	7.5	2.2+	0.65	0.015	230	230
12				7.4	2.2+		0.018		
13				7.4	2.2+		0.006		
14				7.3	2.2		0.013		
15							0.013		
16				7.4	2.2+		0.013		
17				7.4	2.2+		0.013		
18				7.5	2.2+		0.010		
19				7.5	2.2+		0.014		
20				7.5	2.2+		0.014		
21				7.5	2.2+		0.013		
22							0.013		
23				7.4	2.2+		0.013		
24				7.3	2.2+		0.009		
25				7.3	2.2+		0.014		
26				7.3	2.2+		0.012		
27				7.3	2.2+		0.012		
28				7.4	2.2+		0.016		
29							0.016		
30				7.8	2.2+		0.016		
31				7.5	2.2+		0.014		
Total							0.445		
Mo.Avg.				6.2	0.6		0.014		

**PLANT STAFFING:**

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 06/01/2005 To: 06/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo.Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.6	2.6	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo.Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.1	7.4	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 06/01/2005

To: 06/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement		1.8		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement		0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement				0.18 mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement				12.0 Max		Monthly	Grab
Flow	Sample Measurement	0.016		mgd		0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)		mgd			Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014333333	mgd		0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg)	mgd			Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				120 mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		Monthly	Grab
Solids, Total Suspended	Sample Measurement				72 mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				47.8% Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement				Report (Mo.Total)		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 06/01/2005 To: 06/30/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.3	2.2+		0.013		
2				7.3	2.2+		0.015		
3				7.3	2.2+		0.017		
4				7.3	2.2+		0.012		
5							0.011		
6				7.4	2.2+		0.011		
7				7.3	2.2+		0.010		
8	2U	2.6	1U	7.4	2.2+	0.18	0.007	120	72
9				7.4	2.2+		0.014		
10				7.4	2.2+		0.015		
11				7.4	2.2+		0.013		
12							0.017		
13				7.3	2.2+		0.017		
14				7.3	2.2+		0.014		
15				7.2	2.2+		0.012		
16				7.2	2.2+		0.026		
17				7.1	2.2+		0.022		
18				7.1	2.2+		0.015		
19							0.019		
20				7.2	2.2+		0.019		
21				7.2	2.2+		0.012		
22				7.2	2.2+		0.023		
23				7.2	2.2+		0.017		
24				7.2	2.2+		0.014		
25				7.2	2.2+		0.016		
26							0.018		
27				7.2	2.2+		0.018		
28				7.2	2.2+		0.015		
29				7.1	1.8		0.033		
30				7.1	1.8		0.015		
31									
Total							0.478		
Mo. Avg.	2U	2.6	1U	7.3	0.5	0.01	0.015	4	2

**PLANT STAFFING:**

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 07/01/2005 To: 07/31/05

Parameter		Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	50.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			2.5		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement			1U	1U	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	50.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement			1.0		#/100mL	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An. Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement			1.5	1.5	#/100mL	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Requirement			200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement			7.1	7.3	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement			5.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An. Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_



## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 07/01/2005 To: 07/31/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				1.4		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					1.70	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				99		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				130		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					47.8%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement					Report (Mo.Total)	Percent		Monthly	Calculated



## DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 07/01/2005 To: 07/31/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect) (mg/L)	Nitrogen, Nitrate, Total (as N) (mg/L)	Flow (mgd)	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.1	1.8		0.022		
2				7.1	2.0		0.015		
3							0.018		
4				7.2	2.2		0.018		
5				7.1	2.2		0.024		
6				7.2	2.2		0.020		
7				7.2	2.2		0.015		
8				7.1	2.2		0.012		
9				7.3	2.1		0.011		
10							0.021		
11				7.2	2.2		0.021		
12				7.2	2.2		0.013		
13	2U	1U	2	7.2	2.2	1.70	0.009	99	130
14				7.3	1.9		0.024		
15				7.3	2.2		0.017		
16				7.3	2.2		0.013		
17							0.014		
18				7.2	2.2		0.014		
19				7.2	2.2		0.014		
20				7.2	2.2		0.011		
21				7.2	2.2		0.009		
22				7.1	2.2		0.015		
23				7.1	2.2		0.016		
24							0.016		
25				7.1	2.0		0.016		
26				7.1	2.2		0.010		
27				7.1	1.4		0.012		
28				7.1	2.0		0.012		
29				7.2	1.4		0.016		
30				7.2	2.2		0.014		
31							0.017		
Total							0.477		
Mo. Avg.	2U	1U	2	7.2	1.7	0.05	0.015	3	4

## PLANT STAFFING:

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

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 08/01/2005 To: 08/31/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.5	2.5	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo.Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7	2.7	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo.Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.0		S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 08/01/2005 To: 08/31/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				1.6		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					3.90	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon. Site No. EFA-1	Permit Requirement					12.0 Max.	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.014333333	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				180		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				120		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					47.8%	Percent	0	Monthly	Calculated
PARM Code 00480 G Mon. Site No. CAL-1	Permit Requirement					Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 08/01/2005 To: 08/31/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.2	2.2		0.017		
2				7.1	2.2		0.015		
3	2.5	2.7	1U	7.2	2.0	3.90	0.013	180	120
4				7.0	2.2		0.012		
5				7.0	2.2		0.012		
6				7.1	2.2		0.014		
7							0.017		
8				7.1	2.2		0.017		
9				7.1	1.6		0.016		
10				7.1	2.2		0.016		
11				7.1	2.2		0.015		
12				7.2	2.2		0.014		
13				7.2	2.2		0.013		
14							0.015		
15				7.2	2.2		0.015		
16				7.2	1.8		0.011		
17				7.2	2.0		0.013		
18				7.1	2.0		0.014		
19				7.0	2.2		0.010		
20				7.0	2.2		0.013		
21							0.017		
22				7.1	2.2		0.017		
23				7.1	2.2		0.014		
24				7.2	2.2		0.013		
25				7.2	2.2		0.015		
26				7.2	2.2		0.016		
27				7.2	2.2		0.015		
28							0.015		
29				7.2	2.2		0.015		
30				7.2	2.2		0.017		
31				7.2	2.2		0.015		
Total							0.451		
Mo.Avg.	2.5	2.7	1U	7.1	1.9	0.13	0.015	6	4

PLANT STAFFING:

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

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

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32258-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD-From: 09/01/2005 To: 09/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.0		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.6		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		1.9	1.9	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon.Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		6.9		#/100mL	0	Monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement		200 (An. Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement		72.0	72.0	#/100mL	0	Monthly	Grab
PARM Code 74055 I Mon.Site No. EFA-1	Permit Requirement		200 (MoGeoMean)	800 Max	#/100mL		Monthly	Grab
pH	Sample Measurement		7.1		S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon.Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An. Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 09/01/2005 To: 09/30/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				1.6		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					6.70	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.016	0.014666667	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				31		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				24		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					48.9%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement					Report (Mo.Total)	Percent		Monthly	Calculated

### DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742

Facility: Palm Port WWTP

MONITORING PERIOD From: 09/01/2005 To: 09/30/2005

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.1	2.2+		0.016		
2				7.1	2.2+		0.012		
3				7.2	2.2+		0.016		
4							0.013		
5				7.2	2.2+		0.013		
6				7.1	2.2+		0.019		
7	2U	1.9	72B	7.1	1.6	6.70	0.025	31	24
8				7.1	2.0		0.035		
9				7.1	1.8		0.022		
10				7.2	2.1		0.019		
11							0.016		
12				7.1	2.2+		0.016		
13				7.1	2.2+		0.014		
14				7.1	2.2+		0.011		
15				7.1	2.2+		0.016		
16				7.1	2.2		0.009		
17				7.1	2.0		0.012		
18							0.015		
19				7.1	2.2+		0.015		
20				7.2	2.2+		0.012		
21				7.1	2.2+		0.015		
22				7.1	2.2+		0.027		
23				7.1	2.2+		0.018		
24				7.1	2.2+		0.019		
25				7.1	2.2+		0.036		
26				7.1	2.2+		0.008		
27				7.1	2.2+		0.021		
28				7.2	2.2+		0.010		
29				7.1	2.2+		0.020		
30				7.1	2.2+		0.011		
31									
Total							0.510		
Mo.Avg.	2U	1.9	72	7.1	1.3	0.22	0.016	1	1

**PLANT STAFFING:**

Day Shift Operators:	Class: <u>B</u>	Certification No.: <u>12476</u>	Name: <u>David Haring</u>
Evening Shift Operators:	Class: <u>C</u>	Certification No.: <u>7605</u>	<u>Larry White</u>
Night Shift Operators:	Class: _____	Certification No.: _____	_____
Lead Operator:	Class: <u>A</u>	Certification No.: <u>4894</u>	Name: <u>Paul Thompson</u>

**Palm Port**

Docket No. 060368-WS

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

In

Florida

**Report Missing:**

**Discharge Monitoring Report**

**Month/Year**

**October 2005**

Aqua Utilities Florida, Inc.



# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 11/01/2005 To: 11/30/05

Parameter	Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
BOD, Carbonaceous five-day, 20° C	Sample Measurement		2.8	2.8	mg/L	0	Monthly	Grab
PARM Code 80082 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		2.7		mg/L	0	Monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement		20.0 (An. Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended (TSS)	Sample Measurement		3.0	3.0	mg/L	0	Monthly	Grab
PARM Code 00530 I Mon. Site No. EFA-1	Permit Requirement		Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement		1U		#/100mL	1	Monthly	Grab
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement		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 Requirement		200 (MoGeoMean)	800 Max	#/100ml		Monthly	Grab
pH	Sample Measurement		6.9	7.2	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I Mon. Site No. EFA-1	Permit Requirement		6.0 (Min)	8.5 (Max)	S.U.		Daily, five days per week	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD--From: 11/01/2005 To: 11/30/05

Parameter		Quantity of Loading		Units	Quality or Concentration		No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				1.0	mg/L	0	Daily, five days per week	Grab
PARM Code 50060. A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min)	mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement				2.20	mg/L	0	Monthly	Grab
PARM Code 00620.1 Mon. Site No. EFA-1	Permit Requirement				12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.016		mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050. G Mon. Site No. INF-1	Permit Requirement	0.030 (An. Avg.)		mgd				Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.014	0.014	mgd			0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050. P Mon. Site No. INF-1	Permit Requirement	Report (Mo. Avg.)	Report (Three-Mo. Avg.)	mgd				Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				180	mg/L	0	Monthly	Grab
PARM Code 80082. G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				170	mg/L	0	Monthly	Grab
PARM Code 00530. G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)	mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				46.7%	Percent	0	Monthly	Calculated
PARM Code 00180. G Mon. Site No. CAL-1	Permit Requirement				Report (Mo. Total)	Percent		Monthly	Calculated

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nitrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.1	2.2		0.014		
2				7.2	2.2		0.012		
3				7.2	2.2		0.012		
4				7.2	2.2		0.011		
5				7.1	2.2		0.016		
6							0.017		
7				7.0	1.0		0.017		
8				6.9	1.0		0.013		
9	2.8	3.0	1U	6.9	2.2	2.20	0.009	180	170
10				7.0	2.2		0.013		
11				7.0	1.4		0.015		
12				7.1	2.2		0.011		
13							0.012		
14				7.1	2.2		0.012		
15				7.1	2.2		0.012		
16				7.1	2.2		0.011		
17				7.1	2.2		0.020		
18				7.1	2.2		0.009		
19				7.1	2.2		0.018		
20							0.013		
21				7.1	2.2		0.013		
22				7.1	2.2		0.013		
23				7.1	2.2		0.012		
24				7.2	2.2		0.019		
25				7.2	2.2		0.013		
26				7.2	2.2		0.016		
27							0.018		
28				7.2	2.2		0.018		
29				7.2	2.2		0.020		
30				7.2	2.2		0.018		
31									
Total							0.425		
Mo.Avg.	2.8	3.0	1U	7.1	1.7	0.07	0.014	6	5

PLANT STAFFING:

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

# DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, 32256-7590

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

PERMIT NUMBER: FLA011742  
 LIMIT: Final  
 CLASS SIZE: Minor

REPORT: Monthly  
 GROUP: Domestic

FACILITY: Palm Port WWTP  
 LOCATION: Dog Branch Road  
 East Palatka, FL 32131  
 COUNTY: Putnam

MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESC: Rapid Infiltration  
 NO DISCHARGE FROM SITE: [ ]  
 MONITORING PERIOD--From: 12/01/2005 To: 12/31/05

Parameter		Quantity of Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2.1		mg/L	0	Monthly	Grab
PARM Code 80082 Y	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Mon.Site No. EFA-1									
BOD, Carbonaceous five-day, 20° C	Sample Measurement			2U	2U	mg/L	0	Monthly	Grab
PARM Code 80082 I	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Mon.Site No. EFA-1									
Solids, Total Suspended (TSS)	Sample Measurement			2.2		mg/L	0	Monthly	Grab
PARM Code 00530 Y	Permit Requirement			20.0 (An. Avg.)		mg/L		Monthly	Grab
Mon.Site No. EFA-1									
Solids, Total Suspended (TSS)	Sample Measurement			1.1	1.1	mg/L	0	Monthly	Grab
PARM Code 00530 I	Permit Requirement			Report (Mo. Avg.)	60.0 (Max)	mg/L		Monthly	Grab
Mon.Site No. EFA-1									
Coliform, Fecal	Sample Measurement			7.0		#/100mL	0	Monthly	Grab
PARM Code 74055 Y	Permit Requirement			200 (An. Avg.)		#/100mL		Monthly	Grab
Mon.Site No. EFA-1									
Coliform, Fecal	Sample Measurement			1U	1U	#/100mL	0	Monthly	Grab
PARM Code 74055 I	Permit Requirement			200 (MoGeoMean)	800 (Max)	#/100mL		Monthly	Grab
Mon.Site No. EFA-1									
pH	Sample Measurement			7.2	7.2	S.U.	0	Daily, five days per week	Grab
PARM Code 00400 I	Permit Requirement			6.0 (Min)	8.5 (Max)			Daily, five days per week	Grab
Mon.Site No. EFA-1									

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): Calculated-Roll An.-Avg. is the average of the current monthly average and the preceding 11 month's average.

NELAC CERTIFICATION NUMBER(S): \_\_\_\_\_

## DISCHARGE MONITORING REPORT - PART A (Continued)

Facility Name: Palm Port WWTP

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER.: R-001

MONITORING PERIOD—From: 12/01/2005 To: 12/31/05

Parameter		Quantity of Loading		Units	Quality or Concentration			No. Ex.	Frequency	Sample Type
Total Residual Chlorine (For Disinfection)	Sample Measurement				2.2		mg/L	0	Daily, five days per week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min)		mg/L		Daily, five days per week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.35	mg/L	0	Monthly	Grab
PARM Code 00620 I Mon.Site No. EFA-1	Permit Requirement					12.0 Max	mg/L		Monthly	Grab
Flow	Sample Measurement	0.014		mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	0.030 (An.Avg.)		mgd					Daily, five days per week	Recording flow meter and totalizer
Flow	Sample Measurement	0.015	0.015	mgd				0	Daily, five days per week	Recording flow meter and totalizer
PARM Code 50050 P Mon.Site No. INF-1	Permit Requirement	Report (Mo.Avg.)	Report (Three-Mo. Avg.)	mgd					Daily, five days per week	Recording flow meter and totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement				160		mg/L	0	Monthly	Grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement				210		mg/L	0	Monthly	Grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)		mg/L		Monthly	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					48.9%	Percent	0	Monthly	Calculated
PARM Code 00180 G Mon.Site No. CAL-1	Permit Requirement					Report (Mo.Total)	Percent		Monthly	Calculated

## DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742

Facility: Palm Port WWTP

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

County: Putnam

	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TRC (For Disinfect ) (mg/L)	Nirtrogen, Nirtate, Total (as N) (mg/L)	Flow (mgd)	CBOD5 (mg/L)	TSS (mg/L)
Code	80082	00530	74055	00400	50060	00620	50050	80082	00530
Mon.Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	INF-1	INF-1	INF-1
1				7.2	2.2		0.014		
2				7.2	2.2		0.009		
3				7.2	2.2		0.016		
4							0.011		
5				7.2	2.2		0.011		
6				7.2	2.2		0.012		
7	2U	1.1U	1U	7.2	2.2	0.35	0.015	160	210
8				7.2	2.2		0.022		
9				7.2	2.2		0.008		
10				7.2	2.2		0.019		
11							0.015		
12				7.2	2.2		0.015		
13				7.2	2.2		0.014		
14				7.2	2.2		0.012		
15				7.2	2.2		0.016		
16				7.2	2.2		0.013		
17				7.2	2.2		0.015		
18							0.021		
19				7.2	2.2		0.021		
20				7.2	2.2		0.026		
21				7.2	2.2		0.005		
22				7.2	2.2		0.016		
23				7.2	2.2		0.017		
24				7.2	2.2		0.015		
25							0.019		
26				7.2	2.2		0.019		
27				7.2	2.2		0.015		
28				7.2	2.2		0.013		
29				7.2	2.2		0.015		
30				7.2	2.2		0.017		
31				7.2	2.2		0.017		
Total							0.472		
Mo.Avg.	2U	1.1	1U	7.2	1.9	0.01	0.015	5	7

## PLANT STAFFING:

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