

ORIGINAL

**Picciola Island**

Docket No. 060368-WS

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

Florida

**VOLUME 6**

**Book 7**

**Set 35 of 57**

Containing  
Additional Engineering Requirements

Monthly Operating Reports

- CMP \_\_\_\_\_
- COM \_\_\_\_\_
- CTR \_\_\_\_\_
- ECR   1
- GCL \_\_\_\_\_
- OPC \_\_\_\_\_
- RCA \_\_\_\_\_
- SCR \_\_\_\_\_
- SGA \_\_\_\_\_
- SEC \_\_\_\_\_
- OTH \_\_\_\_\_

Aqua Utilities Florida, Inc.

DOCUMENT NUMBER-DATE

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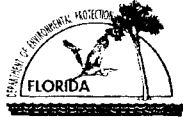
FPSC-COMMISSION CLERK

# Aqua Utilities Florida, Inc. Monthly Operating Reports

## Picciola Island

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**MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** January, 2004

**A. Public Water System (PWS) Information**

PWS Name:	Picciola Island	PWS Identification Number:	3351009
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month:	137	Total Population Served at End of Month:	480
PWS Owner:	Florida Water Services		
Contact Person:	Craig Anderson	Contact Person's Title:	VP Environmental Services
Contact Person's Mailing Address:	P.O. Box 609520	City:	Orlando
		State:	Florida
		Zip Code:	32860-9520
Contact Person's Telephone Number:	(407) 598-4199	Contact Person's Fax Number:	(407) 598-4217
Contact Person's E-Mail Address:	craiga@florida-water.com		

**B. Water Treatment Plant Information**

Plant Name:	Picciola Island	Plant Telephone Number:	352-787-0980
Plant Address:	5133 Albert Road	City:	Leesburg
		State:	Florida
		Zip Code:	32748
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water		
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	198,000		
Plant Category (per subsection 62-699.310(4), F.A.C.):	V	Plant Class (per subsection 62-699.310(4), F.A.C.):	D

Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Mike Ponticelli	C	8450	Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date: 2/9/2004 0:00

Printed or Typed Name: Will Fontaine

License Number: C-6813

## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** January, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*															
Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations					UV Dose			Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation		
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>			Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	
1	X	24.0	43,400		1.0									0.7	
2	X	24.0	31,400		1.3									0.9	
3		24.0	37,233												
4		24.0	37,233												
5	X	24.0	37,233		1.3									1.0	
6	X	24.0	23,300		1.3									1.0	
7	X	24.0	33,100		1.6									1.2	
8	X	24.0	24,000		1.7									1.1	
9	X	24.0	31,600		1.7									1.2	
10		24.0	33,733												
11		24.0	33,733												
12	X	24.0	33,733		1.6									1.0	
13	X	24.0	34,900		1.5									1.0	
14	X	24.0	21,300		1.5									1.2	
15	X	24.0	31,100		1.5									1.1	
16	X	24.0	31,400		1.6									1.0	
17		24.0	37,667												
18		24.0	37,667												
19	X	24.0	37,667		1.5									0.8	
20	X	24.0	30,800		1.5									1.1	
21	X	24.0	31,500		1.5									1.2	
22	X	24.0	28,300		1.6									1.2	
23	X	24.0	37,700		1.4									1.1	
24		24.0	37,533												
25		24.0	37,533												
26	X	24.0	37,533		1.3									0.8	
27	X	24.0	34,900		1.5									1.0	
28	X	24.0	25,700		1.6									1.1	
29	X	24.0	32,100		1.7									1.0	
30	X	24.0	28,300		1.6									1.2	
31		24.0	36,033												
<b>Total</b>			1,029,333												
<b>Average</b>			33,204												
<b>Maximum</b>			43,400												

\* Refer to the instructions for this report to determine which plants must provide this information.



## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identificaiton Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** February, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*								Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations				UV Dose					
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>		
1		24.0	54,050										
2	X	24.0	54,050		1.4							1.1	
3	X	24.0	26,200		1.5							1.1	
4	X	24.0	29,100		1.7							1.4	
5	X	24.0	37,800		1.6							1.2	
6	X	24.0	23,100		1.6							1.1	
7		24.0	28,533										
8		24.0	28,533										
9	X	24.0	28,533		1.7							1.2	
10	X	24.0	23,800		1.7							1.1	
11	X	24.0	28,500		1.6							0.9	
12	X	24.0	26,300		1.7							1.3	
13	X	24.0	25,700		1.8							1.3	
14		24.0	27,400										
15		24.0	27,400										
16	X	24.0	27,400		1.7							1.2	
17	X	24.0	22,400		1.7							1.1	
18	X	24.0	23,800		1.8							1.1	
19	X	24.0	24,600		1.8							1.3	
20	X	24.0	28,200		1.6							1.0	
21		24.0	30,400										
22		24.0	30,400										
23	X	24.0	30,400		1.6							1.1	
24	X	24.0	26,000		1.5							1.1	
25	X	24.0	21,900		1.6							1.0	
26	X	24.0	28,100		1.4							1.1	
27	X	24.0	24,600		1.7							1.3	
28		24.0	29,667										
29		24.0	29,667										
<b>Total</b>			846,533										
<b>Average</b>			29,191										
<b>Maximum</b>			54,050										

\* Refer to the instructions for this report to determine which plants must provide this information.

# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** March, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 137		Total Population Served at End of Month: 480	
PWS Owner: Florida Water Services			
Contact Person: Craig Anderson		Contact Person's Title: VP Environmental Services	
Contact Person's Mailing Address: P.O. Box 609520		City: Orlando	State: Florida
		Zip Code: 32860-9520	
Contact Person's Telephone Number: (407) 598-4199		Contact Person's Fax Number: (407) 598-4217	
Contact Person's E-Mail Address: <a href="mailto:craig@florida-water.com">craig@florida-water.com</a>			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida	
		Zip Code: 32748		
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Adam Michaelson		Trainee	Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date: 4/8/2004 0:00

Printed or Typed Name: Will Fontaine

License Number: C-6813

MONTHLY OPERATION REPORT FOR PW'SS TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Piccola Island March, 2004

III. Daily Data for the Month/year of:

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Started or Visited by Operator	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C	Lowest CT Provided Before or at First Customer During Peak Flow, mg-minutes	Temp of Water, °C if Applicable	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	UV Dose Required, mW-sec/cm <sup>2</sup>	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*	
													UV Dose	UV Dose
1	X	24,000	29,666	1.4	1.4	1.4	1.4	1.0	1.0	1.0	1.0		1.0	1.0
2	X	24,000	15,300	1.4	1.4	1.4	1.4	0.9	0.9	0.9	0.9		0.9	0.9
3	X	24,000	29,800	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2		1.2	1.2
4	X	24,000	33,500	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0		1.0	1.0
5	X	24,000	36,300	1.4	1.4	1.4	1.4	1.0	1.0	1.0	1.0		1.0	1.0
6		24,000	34,000											
7		24,000	34,000											
8	X	24,000	34,000	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0		1.0	1.0
9	X	24,000	30,700	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0		1.0	1.0
10	X	24,000	37,200	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0		1.0	1.0
11	X	24,000	33,600	1.3	1.3	1.3	1.3	0.9	0.9	0.9	0.9		0.9	0.9
12	X	24,000	36,900	1.3	1.3	1.3	1.3	0.9	0.9	0.9	0.9		0.9	0.9
13		24,000	46,900											
14		24,000	46,900											
15	X	24,000	46,900	1.2	1.2	1.2	1.2	0.8	0.8	0.8	0.8		0.8	0.8
16	X	24,000	37,800	1.5	1.5	1.5	1.5	1.1	1.1	1.1	1.1		1.1	1.1
17	X	24,000	59,900	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0		1.0	1.0
18	X	24,000	25,900	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8		0.8	0.8
19	X	24,000	39,500	1.2	1.2	1.2	1.2	0.9	0.9	0.9	0.9		0.9	0.9
20		24,000	39,567											
21		24,000	39,567											
22	X	24,000	39,567	1.8	1.8	1.8	1.8	1.3	1.3	1.3	1.3		1.3	1.3
23	X	24,000	31,200	1.9	1.9	1.9	1.9	1.6	1.6	1.6	1.6		1.6	1.6
24	X	24,000	33,900	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.3		1.3	1.3
25	X	24,000	36,800	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7		0.7	0.7
26	X	24,000	29,100	0.9	0.9	0.9	0.9	0.6	0.6	0.6	0.6		0.6	0.6
27		24,000	44,000											
28		24,000	44,000											
29	X	24,000	44,000	1.0	1.0	1.0	1.0	0.6	0.6	0.6	0.6		0.6	0.6
30	X	24,000	45,700	0.9	0.9	0.9	0.9	0.6	0.6	0.6	0.6		0.6	0.6
31	X	24,000	43,200	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.5		0.5	0.5

Total	1,159,366
Average	37,399
Maximum	59,900

\* Refer to the instructions for this report to determine which plants must provide this information.



# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** April, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 136		Total Population Served at End of Month: 476	
PWS Owner: Florida Water Services			
Contact Person: Craig Anderson		Contact Person's Title: VP Environmental Services	
Contact Person's Mailing Address: P.O. Box 609520		City: Orlando	State: Florida    Zip Code: 32860-9520
Contact Person's Telephone Number: (407) 598-4199		Contact Person's Fax Number: (407) 598-4217	
Contact Person's E-Mail Address: craiga@florida-water.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida    Zip Code: 32748
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	
<b>Licensed Operators</b>	<b>Name</b>	<b>License Class</b>	<b>License Number</b>
<b>Lead/Chief Operator:</b>	Will Fontaine	C	6813
<b>Other Operators:</b>	Brian Heath	C	5825
	John Worrell	C	6597
	Gary Kissick	C	7846
	Adam Michaelson		Trainee

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

5/7/2004 0:00	Will Fontaine	C-6813
Signature and Date	Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Pictiola Island April, 2004

III. Daily Data for the Month/Year of:

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visted by Operator ("X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) (T) at C	Measurement Point During Peak Flow, minutes	Lowest CT Disinfectant Provided Before or at Customer First	Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Required UV Dose, mW-sec/cm <sup>2</sup>	Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*		
															UV Dose	CT Calculations	UV Dose
1	X	24.0	33,500	0.9											0.6		
2	X	24.0	33,000	1.0											0.6		
3		24.0	44,100														
4		24.0	44,100														
5	X	24.0	44,100	1.6											1.2		
6	X	24.0	34,400	1.0											0.8		
7	X	24.0	36,000	1.2											0.9		
8	X	24.0	45,900	1.1											0.8		
9	X	24.0	32,500	1.6											1.1		
10		24.0	45,367														
11		24.0	45,367														
12	X	24.0	45,367	1.6											1.3		
13	X	24.0	28,500	1.1											1.0		
14	X	24.0	29,000	1.2											0.8		
15	X	24.0	36,900	1.5											1.0		
16	X	24.0	43,900	1.5											1.1		
17		24.0	44,867														
18		24.0	44,867														
19	X	24.0	44,867	1.7											1.3		
20	X	24.0	48,200	1.8											1.5		
21	X	24.0	45,300	1.4											1.1		
22	X	24.0	49,400	1.5											1.1		
23	X	24.0	62,100	1.4											1.1		
24		24.0	45,400														
25		24.0	45,400														
26	X	24.0	45,400	1.6											1.3		
27	X	24.0	51,000	1.2											1.0		
28	X	24.0	36,000	1.6											1.2		
29	X	24.0	31,100	1.6											1.3		
30	X	24.0	39,500	1.4											1.0		
Total		1,255,400															
Average		41,847															
Maximum		62,100															

\* Refer to the instructions for this report to determine which plants must provide this information.

# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** May, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 136		Total Population Served at End of Month: 476	
PWS Owner: Florida Water Services			
Contact Person: Craig Anderson		Contact Person's Title: VP Environmental Services	
Contact Person's Mailing Address: P.O. Box 609520		City: Orlando	State: Florida
		Zip Code: 32860-9520	
Contact Person's Telephone Number: (407) 598-4199		Contact Person's Fax Number: (407) 598-4217	
Contact Person's E-Mail Address: <a href="mailto:craiga@florida-water.com">craiga@florida-water.com</a>			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida
		Zip Code: 32748	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Will Fontaine	C	6813
Other Operators:	Brian Heath	C	5825
	John Worrell	C	6597
	Gary Kissick	C	7846
	Adam Michaelson		Trainee

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

6/8/2004 0:00	Will Fontaine	C-6813
Signature and Date	Printed or Typed Name	License Number

## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** May, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose						
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>			
1		24.0	29,733												
2		24.0	29,733												
3	X	24.0	29,733		1.5									1.1	
4	X	24.0	26,900		1.3									0.9	
5	X	24.0	28,400		1.2									0.9	
6	X	24.0	39,800		1.0									0.8	
7	X	24.0	28,400		1.3									1.0	
8		24.0	47,100												
9		24.0	47,100												
10	X	24.0	47,100		1.5									1.1	
11	X	24.0	30,500		1.2									0.9	
12	X	24.0	37,900		1.2									0.9	
13	X	24.0	44,000		1.3									0.9	
14	X	24.0	34,800		1.2									0.8	
15		24.0	46,367												
16		24.0	46,367												
17	X	24.0	46,367		1.3									0.9	
18	X	24.0	37,700		1.1									0.8	
19	X	24.0	45,000		1.1									0.7	
20	X	24.0	50,100		1.0									0.7	
21	X	24.0	43,000		1.1									0.7	
22		24.0	54,533												
23		24.0	54,533												
24	X	24.0	54,533		1.0									0.7	
25	X	24.0	30,100		1.1									0.9	
26	X	24.0	58,000		1.2									0.8	
27	X	24.0	51,500		1.2									0.8	
28	X	24.0	51,500		1.2									0.9	
29		24.0	64,233												
30		24.0	64,233												
31	X	24.0	64,233		1.5									1.1	
<b>Total</b>			1,363,500												
<b>Average</b>			43,984												
<b>Maximum</b>			64,233												

\* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PW'SS TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picicola Island

June, 2004

III. Daily Data for the Month/Year of:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Means of Achieving Four-Log Virus Inactivation/Removal:  Ultraviolet Radiation  Other (Describe):  
 Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator ("X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer Measurement Point During Peak Flow, mg/L	Disinfectant Contact Time Before or at First Customer Measurement Point During Peak Flow, minutes	Temp of Water, °C	pH of Water, If Applicable	Minimum CT Required, mg·min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	CT Calculations* UV Dose	CT Calculations	Days of the Month	Type of Disinfectant Residual Maintained in Distribution System:																	
															Peak Flow, mg/L	Temp of Water, °C	pH of Water, If Applicable															
1	X	24.0	44,400	1.0										1																		
2	X	24.0	39,400	1.1										2	X																	
3	X	24.0	59,100	1.6										3	X																	
4	X	24.0	37,000	1.6										4	X																	
5		24.0	41,733											5																		
6		24.0	41,733											6																		
7	X	24.0	41,733	1.8										7	X																	
8	X	24.0	33,900	1.7										8	X																	
9	X	24.0	23,700	1.7										9	X																	
10	X	24.0	46,900	1.4										10	X																	
11	X	24.0	38,700	1.2										11	X																	
12		24.0	40,700											12																		
13		24.0	40,700											13																		
14	X	24.0	40,700	1.0										14	X																	
15	X	24.0	22,700	1.3										15	X																	
16	X	24.0	24,100	1.5										16	X																	
17	X	24.0	22,100	1.9										17	X																	
18	X	24.0	39,200	1.3										18	X																	
19		24.0	36,800											19																		
20		24.0	36,800											20																		
21	X	24.0	36,800	1.4										21	X																	
22	X	24.0	27,300	1.6										22	X																	
23	X	24.0	30,900	1.6										23	X																	
24	X	24.0	57,700	1.5										24	X																	
25	X	24.0	45,600	1.5										25	X																	
26		24.0	32,900											26																		
27		24.0	32,900											27																		
28	X	24.0	32,900	1.4										28	X																	
29	X	24.0	25,500	1.0										29	X																	
30	X	24.0	39,300	1.1										30	X																	
															Total	1,113,900																
															Average	37,130																
															Maximum	59,100																

\* Refer to the instructions for this report to determine which plants must provide this information.

# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** July, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 135		Total Population Served at End of Month: 473	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: 2315 Griffen Rd		City: Leesburg	State: Florida
		Zip Code: 34748	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida	
		Zip Code: 32748		
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Plant Category (per subsection 62-699.310(4), F.A.C.): V				
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Adam Michealsen - Trainee			Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

\_\_\_\_\_  
Signature and Date

Will Fontaine  
\_\_\_\_\_  
Printed or Typed Name

C-6813  
\_\_\_\_\_  
License Number

## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** July, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation		
				CT Calculations					UV Dose							
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L			
1	X	24.0	69,200		1.3										1.0	
2	X	24.0	20,100		1.5										1.1	
3		24.0	33,767													
4		24.0	33,767													
5	X	24.0	33,767		1.5										1.2	
6	X	24.0	37,000		1.6										1.2	
7	X	24.0	15,400		1.6										1.3	
8	X	24.0	34,800		1.6										1.3	
9	X	24.0	35,600		1.7										1.3	
10		24.0	42,867													
11		24.0	42,867													
12	X	24.0	42,867		1.7										1.4	
13	X	24.0	26,400		1.5										1.2	
14	X	24.0	36,200		1.4										1.0	
15	X	24.0	48,500		1.4										1.1	
16	X	24.0	32,400		1.4										1.1	
17		24.0	39,200													
18		24.0	39,200													
19	X	24.0	39,200		1.5										1.1	
20	X	24.0	26,600		1.5										1.2	
21	X	24.0	29,100		1.5										1.2	
22	X	24.0	36,200		1.5										1.3	
23	X	24.0	29,500		1.4										1.1	
24		24.0	40,267													
25		24.0	40,267													
26	X	24.0	40,267		1.3										0.9	
27	X	24.0	52,400		1.1										0.7	
28	X	24.0	26,600		1.1										0.8	
29	X	24.0	45,800		1.4										1.0	
30	X	24.0	37,700		1.3										1.0	
31	X	24.0	43,000													
<b>Total</b>			1,150,800													
<b>Average</b>			37,123													
<b>Maximum</b>			69,200													

\* Refer to the instructions for this report to determine which plants must provide this information.



# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** August, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 135		Total Population Served at End of Month: 473	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: 2315 Griffen Rd		City: Leesburg	State: Florida
		Zip Code: 34748	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida	
		Zip Code: 32748		
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Adam Michealsen - Trainee			

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

	Will Fontaine	C-6813
Signature and Date	Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Piccola Island August, 2004

III. Daily Data for the Month/year of:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):  
 Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Measurement Point During Peak Flow, mg/L	Disinfectant Contact Time (T) at C	Lowest CT Provided Before or at First Customer Measurement Point During Peak Flow, mg-minutes	Temp of Water, °C if Applicable	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation

1	X	24.0	64,750	1.5								1.2	
2	X	24.0	64,750	1.5								1.0	
3	X	24.0	33,100	1.4								1.1	
4	X	24.0	38,600	1.4								1.1	
5	X	24.0	50,400	1.3								1.0	
6	X	24.0	38,600	1.4								1.1	
7		24.0	47,200										
8		24.0	47,200										
9	X	24.0	47,200	1.2								0.8	
10	X	24.0	29,800	1.3								1.0	
11	X	24.0	31,600	1.5								1.2	
12	X	24.0	55,800	1.4								1.1	
13	X	24.0	39,300	1.3								1.0	
14	X	24.0	25,100	1.2								1.0	
15		24.0	33,750										
16	X	24.0	33,750	0.5								0.4	
17	X	24.0	30,500	1.5								1.2	
18	X	24.0	18,700	1.4								1.1	
19	X	24.0	32,000	1.4								1.1	
20	X	24.0	23,100	1.3								1.0	
21		24.0	33,067										
22		24.0	33,067										
23	X	24.0	33,067	1.7								1.3	
24	X	24.0	22,200	1.6								1.3	
25	X	24.0	24,900	1.3								1.1	
26	X	24.0	33,700	1.2								1.0	
27	X	24.0	26,200	1.3								1.0	
28		24.0	38,233										
29		24.0	38,233										
30	X	24.0	38,233	1.1								0.8	
31	X	24.0	43,000										
Total		1,149,100											
Average		37,068											
Maximum		64,750											

\* Refer to the instructions for this report to determine which plants must provide this information.

**MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** September, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 135		Total Population Served at End of Month: 473	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: 2315 Griffen Rd		City: Leesburg	State: Florida    Zip Code: 34748
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: <a href="mailto:beheath@aquamerica.com">beheath@aquamerica.com</a>			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida    Zip Code: 32748	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Plant Category (per subsection 62-699.310(4), F.A.C.): V				
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Adam Michealsen - Trainee			Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

\_\_\_\_\_  
Signature and Date

Will Fontaine  
\_\_\_\_\_  
Printed or Typed Name

C-6813  
\_\_\_\_\_  
License Number

MONTHLY OPERATION REPORT FOR PWS'S TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Piccola Island

III. Daily Data for the Month) of: September, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer Measurement (T) at C	Disinfectant Provided Before or at First Customer Measurement (T) at C	Lowest CT During Peak Flow, mg-minutes	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Remnote Point in Distribution System, mg/L	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*			Emergency of Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	
													UV Dose	UV Dose	UV Dose		
1	X		24.0	31,900	1.1							0.8					
2	X		24.0	22,300	1.2							0.8					
3	X		24.0	26,900	1.2							0.8					
4			24.0	18,700													
5			24.0	18,700													
6	X		24.0	18,700	1.4							1.1					
7	X		24.0	41,300	1.4							1.1					
8	X		24.0	21,300	1.4							1.2					
9	X		24.0	14,800	1.4							1.1					
10	X		24.0	27,400	1.3							1.0					
11			24.0	26,433													
12			24.0	26,433													
13	X		24.0	26,433	1.5							1.2					
14	X		24.0	19,300	1.4							1.0					
15	X		24.0	22,000	1.4							1.1					
16	X		24.0	22,900	1.4							1.2					
17	X		24.0	24,800	1.4							1.1					
18			24.0	29,000													
19			24.0	29,000													
20	X		24.0	29,000	1.3							1.0					
21	X		24.0	29,900	1.1							0.9					
22	X		24.0	21,000	1.2							0.9					
23	X		24.0	30,500	1.2							0.9					
24	X		24.0	26,700	1.3							1.0					
25			24.0	27,333													
26			24.0	27,333													
27	X		24.0	27,333	1.2							1.0					
28	X		24.0	27,300	1.3							1.0					
29	X		24.0	29,000	1.3							1.0					
30	X		24.0	26,700	1.2							0.8					
31			24.0														
Total				770,400													
Average				24,852													
Maximum				41,300													

\* Refer to the instructions for this report to determine which plants must provide this information.

**MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** October, 2004

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 135		Total Population Served at End of Month: 473	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: 2315 Griffen Rd		City: Leesburg	State: Florida
		Zip Code: 34748	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: <a href="mailto:beheath@aquamerica.com">beheath@aquamerica.com</a>			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida	
		Zip Code: 32748		
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
<b>Lead/Chief Operator:</b>	Will Fontaine	C	6813	Days 1st Shift
<b>Other Operators:</b>	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Gary Kissick	C	7846	Days 1st Shift
	Adam Michealsen - Trainee			Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

\_\_\_\_\_  
Signature and Date

Will Fontaine  
Printed or Typed Name

C-6813  
License Number

**MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**

PWS Identification Number: 3351009 Plant Name: Piccola Island

III. Daily Data for the Month/Year of: October, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)

Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C)	Disinfectant (T) at C Measurement (T) at C	Lowest CT Provided Before or at Customer	Flow, mg-min/L During Peak	Temp of Water, °C If Applicable	pH of Water, min/L	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Required, mW-sec/cm <sup>2</sup>	Minimum UV Dose, sec/cm <sup>2</sup>	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
1	X	24.0	28,600	33,733											
2		24.0	33,733	24.0											
3		24.0	33,733	24.0											
4	X	24.0	33,733	24.0											
5	X	24.0	33,500	24.0											
6	X	24.0	31,300	24.0											
7	X	24.0	32,800	24.0											
8	X	24.0	33,100	24.0											
9		24.0	35,100	24.0											
10		24.0	35,100	24.0											
11	X	24.0	35,100	24.0											
12	X	24.0	23,900	24.0											
13	X	24.0	27,700	24.0											
14	X	24.0	40,400	24.0											
15	X	24.0	28,600	24.0											
16		24.0	36,100	24.0											
17		24.0	36,100	24.0											
18	X	24.0	36,100	24.0											
19	X	24.0	28,200	24.0											
20	X	24.0	26,900	24.0											
21	X	24.0	26,500	24.0											
22	X	24.0	28,500	24.0											
23		24.0	37,800	24.0											
24		24.0	37,800	24.0											
25	X	24.0	37,800	24.0											
26	X	24.0	28,700	24.0											
27	X	24.0	37,600	24.0											
28	X	24.0	32,700	24.0											
29	X	24.0	39,200	24.0											
30		24.0	30,000	24.0											
31		24.0	30,000	24.0											
		Total	1,016,400												
		Average	32,787												
		Maximum	40,400												

\* Refer to the instructions for this report to determine which plants must provide this information.



## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** November, 2004

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*								Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	
				CT Calculations				UV Dose						
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>			Minimum UV Dose Required, mW-sec/cm <sup>2</sup>
1	X	24.0	115,900		1.3								1.0	
2	X	24.0	42,600		1.3								1.0	
3	X	24.0	31,500		1.3								1.0	
4	X	24.0	41,900		1.4								1.0	
5	X	24.0	29,400		1.4								1.1	
6		24.0	39,367											
7		24.0	39,367											
8	X	24.0	39,367		1.3								0.9	
9	X	24.0	34,300		1.3								1.0	
10	X	24.0	27,400		1.3								1.0	
11	X	24.0	37,900		1.4								1.0	
12	X	24.0	38,800		1.3								1.0	
13		24.0	33,533											
14		24.0	33,533											
15	X	24.0	33,533		1.3								1.0	
16	X	24.0	27,600		1.3								1.0	
17	X	24.0	25,200		1.7								1.3	
18	X	24.0	37,900		1.5								1.2	
19	X	24.0	30,700		1.2								1.0	
20		24.0	33,967											
21		24.0	33,967											
22	X	24.0	33,967		1.4								1.1	
23	X	24.0	26,700		1.3								1.1	
24	X	24.0	30,000		1.4								1.1	
25	X	24.0	26,100		1.4								1.2	
26	X	24.0	33,400		1.5								1.2	
27		24.0	32,267											
28		24.0	32,267											
29	X	24.0	32,267		1.3								1.0	
30	17	24.0	32,800		1.3								1.0	
31		24.0												
<b>Total</b>			1,087,500											
<b>Average</b>			35,081											
<b>Maximum</b>			115,900											

\* Refer to the instructions for this report to determine which plants must provide this information.



# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



Polymer Page 3 Due in December

See Pages 4 for Instructions.

<b>I. General Information for the Month/Year of:</b>	December, 2004
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**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 135		Total Population Served at End of Month: 473	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: 2315 Griffen Rd		City: Leesburg	State: Florida
		Zip Code: 34748	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: <a href="mailto:beheath@aquaaamerica.com">beheath@aquaaamerica.com</a>			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida
		Zip Code: 32748	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	
Licensed Operators	Name	License Class	License Number / Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813 / Days 1st Shift
Other Operators:	Brian Heath	C	5825 / Days 1st Shift
	John Worrell	C	6597 / Days 1st Shift
	Marty Neal	C	10027 / Days 1st Shift
	Adam Michealsen - Trainee		Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

\_\_\_\_\_  
Signature and Date

Will Fontaine  
\_\_\_\_\_  
Printed or Typed Name

C-6813  
\_\_\_\_\_  
License Number





**MONTHLY OPERATION REPORT FOR PW'SS TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/year of:** January, 2005

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Started or Visted by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C	Lowest CT Provided Before or at First Customer During Peak Flow, mg-minutes	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	System, mg/L	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*		
												UV Dose	UV Dose	
1		24.0	31,500											
2		24.0	31,500											
3	X	24.0	31,500	1.2										
4	X	24.0	26,700	1.1										0.8
5	X	24.0	28,100	1.2										0.8
6	X	24.0	29,100	1.2										0.9
7	X	24.0	27,100	1.2										0.8
8		24.0	33,433											
9		24.0	33,433											
10	X	24.0	33,433	1.1										0.8
11	X	24.0	27,900	1.2										0.9
12	X	24.0	31,000	1.3										1.0
13	X	24.0	23,800	1.5										1.2
14	X	24.0	24,400	1.5										1.2
15		24.0	26,033											
16		24.0	26,033											
17	X	24.0	26,033	1.4										1.1
18	X	24.0	28,800	1.4										1.1
19	X	24.0	23,800	1.4										1.1
20	X	24.0	27,500	1.3										0.9
21	X	24.0	25,800	1.5										1.2
22		24.0	28,933											
23		24.0	28,933											
24	X	24.0	28,933	1.3										1.0
25	X	24.0	24,700	1.3										1.0
26	X	24.0	35,700	1.3										1.0
27	X	24.0	31,400	1.3										1.1
28	X	24.0	27,400	1.4										1.1
29		24.0	33,533											
30		24.0	33,533											
31	X	24.0	33,533	1.1										0.8
<b>Total</b>		903,500												
<b>Average</b>		29,145												
<b>Maximum</b>		35,700												

\* Refer to the instructions for this report to determine which plants must provide this information.







MONTHLY OPERATION REPORT FOR PW'SS TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Piccola Island March, 2005

III. Daily Data for the Month/ear of:

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow Rate, gpd.	Peak Flow, mg/L	Customer During Peak Flow, mg/L	Point During Peak Flow, mg/L	Flow, mg-ml	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Operating UV Dose, mW-sec/cm <sup>2</sup>	Lowest UV Dose Required, mW-sec/cm <sup>2</sup>	Minimum Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*	
															Lowest CT Provided Before or at Customer Measurement (T) at C	Lowest UV Dose
1	X	24.0	24.0	1.2	1.2	1.2							0.9			
2	X	24.0	29.500	1.4	1.4	1.4							1.0			
3	X	24.0	33.100	1.1	1.1	1.1							0.9			
4	X	24.0	24.500	1.3	1.3	1.3							1.0			
5		24.0	27.233													
6		24.0	27.233													
7	X	24.0	27.233	1.3	1.3	1.3							1.0			
8	X	24.0	23.300	1.2	1.2	1.2							0.8			
9	X	24.0	32.800	1.2	1.2	1.2							0.9			
10	X	24.0	25.700	1.3	1.3	1.3							1.0			
11	X	24.0	23.300	1.3	1.3	1.3							1.0			
12		24.0	32.067													
13		24.0	32.067													
14	X	24.0	32.067	1.3	1.3	1.3							1.0			
15	X	24.0	26.300	1.3	1.3	1.3							0.9			
16	X	24.0	32.600	1.3	1.3	1.3							1.0			
17	X	24.0	28.800	1.5	1.5	1.5							1.1			
18	X	24.0	21.300	1.4	1.4	1.4							1.1			
19		24.0	29.533													
20		24.0	29.533													
21	X	24.0	29.533	1.4	1.4	1.4							1.1			
22	X	24.0	28.200	1.4	1.4	1.4							1.1			
23	X	24.0	32.700	1.3	1.3	1.3							0.9			
24	X	24.0	23.500	1.3	1.3	1.3							1.0			
25	X	24.0	26.400	1.3	1.3	1.3							1.0			
26		24.0	28.200													
27		24.0	28.200													
28	X	24.0	28.200	1.3	1.3	1.3							1.0			
29	X	24.0	30.900	1.4	1.4	1.4							1.0			
30	X	24.0	40.700	1.4	1.4	1.4							1.1			
31	X	24.0	33.100	1.4	1.4	1.4							1.1			
Total			892,000													
Average			28.774													
Maximum			40.700													

\* Refer to the instructions for this report to determine which plants must provide this information



# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** April, 2005

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 145		Total Population Served at End of Month: 508	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: PO Box 490310		City: Leesburg	State: Florida
		Zip Code: 34749	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquaaamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida
		Zip Code: 32748	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Will Fontaine	C	6813
Other Operators:	Brian Heath	C	5825
	John Worrell	C	6597
	Marty Neal	C	10027
	Adam Michealsen - Trainee		

**II Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date	Will Fontaine Printed or Typed Name	C-6813 License Number
--------------------	--	--------------------------





**MONTHLY OPERATION REPORT FOR PW'SS TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**

PWS Identification Number: 3351009 | Plant Name: Picicola Island | May, 2005

**III. Daily Data for the Month/year of:**

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C	Lowest CT Provided Before or at Customer Measurement Point During Peak Flow, minutes	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Operating UV Dose, mW-sec/cm <sup>2</sup>	Lowest UV Dose Required, mW-sec/cm <sup>2</sup>	System, mg/L	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*		
													UV Dose	UV Dose	
1		24.0	64,700												
2	X	24.0	64,700											1.2	
3	X	24.0	31,900											1.2	
4	X	24.0	38,300											1.2	
5	X	24.0	18,700											1.2	
6	X	24.0	29,900											1.2	
7		24.0	32,733												
8		24.0	32,733												
9	X	24.0	32,733											1.2	
10	X	24.0	35,700											1.1	
11	X	24.0	36,700											1.4	
12	X	24.0	28,200											1.3	
13	X	24.0	44,900											1.3	
14		24.0	42,667												
15		24.0	42,667												
16	X	24.0	42,667											1.2	
17	X	24.0	36,600											1.4	
18	X	24.0	38,400											1.2	
19	X	24.0	41,500											1.2	
20	X	24.0	39,100											1.1	
21		24.0	46,167												
22		24.0	46,167												
23	X	24.0	46,167											1.2	
24	X	24.0	35,800											1.2	
25	X	24.0	50,400											1.2	
26	X	24.0	42,900											1.1	
27	X	24.0	56,460											1.2	
28		24.0	49,333												
29		24.0	49,333												
30	X	24.0	49,333											1.2	
31	X	24.0	41,900											1.4	
Total			1,289,460												
Average			41,595												
Maximum			64,700												

\* Refer to the instructions for this report to determine which plants must provide this information











# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** August, 2005

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community		<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month: 145		Total Population Served at End of Month: 508	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: PO Box 490310		City: Leesburg	State: Florida
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquaamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Will Fontaine	C	6813
Other Operators:	Brian Heath	C	5825
	John Worrell	C	6597
	Marty Neal	C	10027
	Adam Michealsen - Trainee		

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date	Will Fontaine Printed or Typed Name	C-6813 License Number
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**MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**

PWS Identification Number: 3351009 Plant Name: Piccola Island August, 2005

**III. Daily Data for the Month/year of:**

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Staffed or Visited by Operator in Hours plant Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C	Lowest CT Provided Before or at First Customer	Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>	CT Calculations, or UV Dose, to Demolstrate Four-Log Virus Inactivation, if Applicable*		Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
												UV Dose	System, mg/L	
1	24.0	X	27,400	1.2									0.8	
2	24.0	X	28,100	1.2									0.9	
3	24.0	X	31,600	1.3									0.9	
4	24.0	X	23,100	1.3									1.0	
5	24.0	X	33,800	1.2									0.9	
6	24.0		32,567											
7	24.0	X	32,567	1.2									0.8	
8	24.0	X	32,567	1.2									0.8	
9	24.0	X	27,000	1.1									0.8	
10	24.0	X	35,400	1.1									0.8	
11	24.0	X	38,900	1.1									0.7	
12	24.0	X	32,600	1.2									0.9	
13	24.0		41,200											
14	24.0		41,200											
15	24.0	X	41,200	1.4									1.1	
16	24.0	X	40,600	1.2									0.8	
17	24.0	X	42,900	1.2									0.8	
18	24.0	X	39,000	1.2									0.8	
19	24.0	X	39,000	1.3									0.9	
20	24.0		44,667											
21	24.0		44,667											
22	24.0	X	44,667	1.4									1.1	
23	24.0	X	21,400	1.5									1.1	
24	24.0	X	41,300	1.4									1.1	
25	24.0	X	31,500	1.5									1.2	
26	24.0	X	25,500	1.5									1.0	
27	24.0		31,567											
28	24.0		31,567											
29	24.0	X	31,567	1.5									1.1	
30	24.0	X	21,200	1.5									1.2	
31	24.0	X	25,000	1.4									1.0	

Total	1,055,300
Average	34,042
Maximum	44,667

\* Refer to the instructions for this report to determine which plants must provide this information.

# MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** September, 2005

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 145		Total Population Served at End of Month: 508	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: PO Box 490310		City: Leesburg	State: Florida
		Zip Code: 34749	
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquaaamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980	
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida
		Zip Code: 32748	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000			
Plant Category (per subsection 62-699.310(4), F.A.C.): V		Plant Class (per subsection 62-699.310(4), F.A.C.): D	

Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Marty Neal	C	10027	Days 1st Shift
	Adam Michealsen - Trainee			Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date	Will Fontaine Printed or Typed Name	C-6813 License Number
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MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Pictola Island

III. Daily Data for the Month/Year of: October, 2005

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Days Plant Started or Visted by Operator in (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) (T at C)	Disinfectant Contact Time	Lowest CT Provided Before or at Customer First	Temp of Water, °C	pH of Water, If Applicable	Minimum CT Required, mg/L	Operating UV Dose, mW-sec/cm <sup>2</sup>	Required, mW-sec/cm <sup>2</sup>	Lowest Disinfectant Concentration at Remote Point in Distribution System, mg/L	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*		Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
													UV Dose	CT Calculations	
1		24.0	39,700												
2		24.0	39,700												
3	X	24.0	39,700												
4	X	24.0	28,400												
5	X	24.0	20,200												
6	X	24.0	22,800												
7	X	24.0	29,860												
8		24.0	23,733												
9		24.0	23,733												
10	X	24.0	23,733												
11	X	24.0	33,700												
12	X	24.0	27,900												
13	X	24.0	21,060												
14	X	24.0	31,000												
15		24.0	34,667												
16		24.0	34,667												
17	X	24.0	34,667												
18	X	24.0	24,600												
19	X	24.0	39,600												
20	X	24.0	38,400												
21	X	24.0	29,700												
22		24.0	27,800												
23		24.0	27,800												
24	X	24.0	27,800												
25	X	24.0	24,400												
26	X	24.0	21,900												
27	X	24.0	25,200												
28	X	24.0	28,000												
29		24.0	36,300												
30		24.0	36,300												
31	X	24.0	36,300												
Total		933,320													
Average		30,107													
Maximum		39,700													

\* Refer to the instructions for this report to determine which plants must provide this information.



**MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**

PWS Identification Number: 3351009 Plant Name: Piccola Island

III. Daily Data for the Month/Year of: November, 2005

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month (Place "X")	Days Plant Staffed or Visited by Operator	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer Point During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Before or at First Customer Point During Peak Flow, minutes	Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest UV Dose, mW-sec/cm <sup>2</sup>	UV Dose Required, mW-sec/cm <sup>2</sup>	Lowest Residual Disinfectant Concentration at Remotest Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*	CT Calculations	Average	Total	Maximum	
																				1.2
1	X		24.0	24.000	24.000	1.2														
2	X		24.0	25.400	24.0	1.2														
3	X		24.0	20.800	24.0	1.2														
4	X		24.0	29.260	24.0	1.1														
5			24.0	41.833	24.0															
6			24.0	41.833	24.0															
7	X		24.0	41.833	24.0	1.2														
8	X		24.0	31.500	24.0	1.2														
9	X		24.0	39.300	24.0	1.2														
10	X		24.0	37.400	24.0	1.1														
11	X		24.0	37.700	24.0	1.1														
12			24.0	34.767	24.0															
13			24.0	34.767	24.0															
14	X		24.0	34.767	24.0	1.2														
15	X		24.0	33.000	24.0	1.0														
16	X		24.0	31.400	24.0	1.1														
17	X		24.0	41.600	24.0	1.3														
18	X		24.0	35.100	24.0	1.2														
19			24.0	33.500	24.0															
20			24.0	33.500	24.0															
21	X		24.0	33.500	24.0	1.4														
22	X		24.0	29.200	24.0	1.2														
23	X		24.0	37.100	24.0	1.2														
24	X		24.0	29.800	24.0	1.3														
25	X		24.0	38.800	24.0	1.3														
26			24.0	37.933	24.0															
27			24.0	37.933	24.0															
28	X		24.0	37.933	24.0	1.3														
29	X		24.0	23.500	24.0	1.3														
30	X		24.0	31.300	24.0	1.3														
31			24.0																	
													1,020,260							
													32,912							
													41,833							

\* Refer to the instructions for this report to determine which plants must provide this information.



**MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER**



Polymer Page 3 Due in December

See Pages 4 for Instructions.

**I. General Information for the Month/Year of:** December, 2005

**A. Public Water System (PWS) Information**

PWS Name: Picciola Island		PWS Identification Number: 3351009	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 145		Total Population Served at End of Month: 508	
PWS Owner: Aqua Utilities Florida			
Contact Person: Brian Heath		Contact Person's Title: Area Manager	
Contact Person's Mailing Address: PO Box 490310		City: Leesburg	State: Florida
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: (352) 787-6333	
Contact Person's E-Mail Address: beheath@aquamerica.com			

**B. Water Treatment Plant Information**

Plant Name: Picciola Island		Plant Telephone Number: 352-787-0980		
Plant Address: 5133 Albert Road		City: Leesburg	State: Florida	
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 198,000		Plant Class (per subsection 62-699.310(4), F.A.C.): D		
Plant Category (per subsection 62-699.310(4), F.A.C.): V				
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Will Fontaine	C	6813	Days 1st Shift
Other Operators:	Brian Heath	C	5825	Days 1st Shift
	John Worrell	C	6597	Days 1st Shift
	Marty Neal	C	10027	Days 1st Shift
	Adam Michealsen - Trainee			Days 1st Shift

**II. Certification by Lead/Chief Operator**

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

\_\_\_\_\_  
Signature and Date

Will Fontaine  
\_\_\_\_\_  
Printed or Typed Name

C-6813  
\_\_\_\_\_  
License Number

## MONTHLY OPERATION REPORT FOR PW'Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3351009 Plant Name: Picciola Island

**III. Daily Data for the Month/Year of:** December, 2005

Means of Achieving Four-Log Virus Inactivation/Removal:  Free Chlorine  Chlorine Dioxide  Ozone  Combined Chlorine (Chloramines)  
 Ultraviolet Radiation  Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:  Free Chlorine  Combined Chlorine (Chloramines)  Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus-Inactivation, if Applicable*								Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation.
				CT Calculations				UV Dose					
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm <sup>2</sup>	Minimum UV Dose Required, mW-sec/cm <sup>2</sup>			
1	X	24.0	33,800		1.2							0.9	
2	X	24.0	30,100		1.3							1.0	
3		24.0	31,433										
4		24.0	31,433										
5	X	24.0	31,433		1.2							0.9	
6	X	24.0	30,000		1.2							0.9	
7	X	24.0	26,400		1.3							0.9	
8	X	24.0	29,500		1.3							1.0	
9	X	24.0	31,800		1.3							1.1	
10		24.0	29,000										
11		24.0	29,000										
12	X	24.0	29,000		1.2							0.9	
13	X	24.0	25,200		1.2							0.9	
14	X	24.0	33,100		1.2							0.9	
15	X	24.0	28,360		1.1							0.8	
16	X	24.0	23,500		1.2							0.8	
17		24.0	31,167										
18		24.0	31,167										
19	X	24.0	31,167		1.1							0.8	
20	X	24.0	24,700		1.1							0.8	
21	X	24.0	32,200		1.3							1.0	
22	X	24.0	29,500		1.4							1.0	
23	X	24.0	36,000		1.4							1.0	
24		24.0	32,800										
25		24.0	32,800										
26	X	24.0	32,800		1.4							1.1	
27	X	24.0	34,200		1.4							1.1	
28	X	24.0	28,300		1.5							1.1	
29	X	24.0	40,100		1.5							1.2	
30	X	24.0	33,300		1.5							1.2	
31		24.0	37,333										
<b>Total</b>			960,593										
<b>Average</b>			30,987										
<b>Maximum</b>			40,100										

\* Refer to the instructions for this report to determine which plants must provide this information.