ORIGINAL

Docket No. 060368-WS

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

# **COUNTY SUMMARY**

Polk County, Florida

# Volume 2

Containing Selected Consolidated Financial, Rate and Engineering Minimum Filing Requirements For Systems: Gibsonia Estates Water Lake Gibson Estates Water and Sewer Orange Hill/Sugar Creek Water Rosalie Oaks Water and Sewer Village Water Water and Sewer

**CMP CTR** ECR GCL × OPC RCA SCR \_\_\_\_ SGA \_\_\_\_ SEC / OTH

For Historical Test Year Ending December 31, 2005 Projected Rate Year Ending December 31, 2007 Year-End Balances and 13-Month Averages

Aqua Utilities Florida, Inc.

DOCUMENT NUMBER-DATE 1 0 1 NOV 30 8 FPSC-COMMISSION CLERK

# **Polk County Summary**

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## **Schedule of Water Rate Base**

# Polk County Total Docket No. 060368-WS

Test Year Ending December 31 of Historical 2005, Projected 2006, 2007 Number of Water Systems: 5

# Florida Public Service Commission

Schedule:

A-1

Page:

1 of 1

Preparer: Robert M. Griffin

Explanation: Provide the calculation of the average Water rate base for the test year, showing all adjustments. All non-used and useful items should be reported as Plant Held For Future Use.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Historical Base Year 2005			Intermediate		Projected Te		
		Average		Adjusted		Adjusted		Adjusted	
Line		Balance		Average		Average		Average	Supporting
No.	Description	Per Books	Adjustments	Balance	Adjustments	Balance	Adjustments	Balance	Schedules
1	Utility Plant in Service	230,581	1,191,076	1,421,657	104,940	1,526,597	160,176	1,686,773	A-5
2	Utility Land & Land Rights	3,403	49,196	52,599	0	52,599	0	52,599	A-5
3	Less: Non-Used & Useful Plant	0	0	0	0	0	0	0	A-7
4	Construction Work in Progress	0	0	0	0	0	0	0	
5	Less: Accumulated Depreciation	(47,465)	(330,236)	(377,701)	(36,206)	(413,906)	(46,524)	(460,431)	A-9
6	Less: CIAC	(5,300)	(316,871)	(322,171)	(9,577)	(331,748)	(11,433)	(343,181)	A-12
7	Accumulated Amortization of CIAC	666	122,316	122,982	10,813	133,795	11,329	145,124	A-14
8	Acquisition Adjustments	0	0	0	0	0	0	0	
9	Less: Accum. Amort. of Acq. Adjustments	0	0	0	0	0	0	0	
10	Less: Advances For Construction	0	0	0	0	0	0	0	A-16
11	Working Capital Allowance	0	77,890	77,890	(1,834)	76,057	66,346	142,403	A-17
12	Total Rate Base	181,885	793,371	975,256	68,136	1,043,393	179,894	1,223,287	

## Schedule of Sewer Rate Base

# Polk County Total Docket No. 060368-WS

Test Year Ending December 31 of Historical 2005, Projected 2006, 2007 Florida Public Service Commission

Schedule:

A-2

Page:

1 of 1

Preparer:

Robert M. Griffin

Explanation: Provide the calculation of the average Sewer rate base for the test year, showing all adjustments. All non-used and useful items should be reported as Plant Held For Future Use.

Number of Sewer Systems: 3

	(1)	(2) Histor	(3) rical Base Year	(4) - <b>2005</b>	(5) Intermediate	(6) Year 2006	(7) Projected Te	(8) st Year 2007	(9)
Line		Average Balance		Adjusted Average		Adjusted Average		Adjusted Average	Supporting
No.	Description	Per Books	Adjustments	Balance	Adjustments	Balance	Adjustments	Balance	Schedules
1	Utility Plant in Service	292,652	2,454,861	2,747,513	349,535	3,097,048	1,046,035	4,143,084	A-6
2	Utility Land & Land Rights	19,000	13,256	32,256	0	32,256	0	32,256	A-6
3	Less: Non-Used & Useful Plant	0	(28,725)	(28,725)	(54,577)	(83,301)	(123,321)	(206,622)	A-7
4	Construction Work in Progress	0	0	0	0	0	0	0	
5	Less: Accumulated Depreciation	(98,625)	(433,382)	(532,007)	(99,377)	(631,385)	(148,024)	(779,409)	A-10
6	Less: CIAC	(9,750)	(250,697)	(260,447)	(4,277)	(264,724)	(5,719)	(270,443)	A-12
7	Accumulated Amortization of CIAC	1,194	76,049	77,244	7,777	85,021	7,850	92,871	A-14
8	Acquisition Adjustments	0	0	0	0	0	0	0	
9	Less: Accum. Amort. of Acq. Adjustments	0	0	0	0	0	0	0	
10	Less: Advances For Construction	0	0	0	0	0	0	0	A-16
11	Working Capital Allowance	0	63,345	63,345	(3,145)	60,199	7,625	67,824	A-17
12	Total Rate Base	204,472	1,894,707	2,099,178	195,936	2,295,114	784,448	3,079,562	

#### Schedule of Water Net Operating Income

**Polk County Total** Docket No. 060368-WS

Number of Water Systems: 5

Schedule:

B-1

Page:

1 of 1

Florida Public Service Commission

Preparer:

Jack Schreyer

Historical 2005, Projected 2006, 2007

Schedule Year Ended December 31 of:

Explanation: Provide the calculation of net operating income for the test year. If amortization (Line 4) is related to any amount other than an acquisition adjustment, submit an additional schedule showing a description and calculation of charge.

	(1)	(2) Per	(3) Utility	(4) Adjusted	(5)	(6) Adjusted	(7)	(8) Adjusted	(9) Requested	(10) Requested	(11)
Line		Books	Test Year	Test Year	Adjustments	Intermd. Yr	Adjustments	Rate Year	Revenue	Annual	Supporting
No.	Description	2005	Adjustment	2005	2005-06	2006	2006-07	2007	Adjustment	Revenues	Schedules
1	OPERATING REVENUES	338,558	(5,377)	333,181	12,667	345,848	2,539	348,387	475,286	823,673	B-4
2	Operation & Maintenance	391,580	30,347	421,927	30,391	452,318	104,295	556,613	7,019	563,632	B-5
3	Depreciation, net of CIAC Amort.	9,589	27,191	36,780	9,943	46,723	12,348	59,072	0	59,072	B-13
4	Amortization	0	0	0	0	0	0	0	0	0	
5	Taxes Other Than Income	35,636	0	35,636	1,921	37,557	5,529	43,086	21,388	64,474	B-15
6	Provision for Income Taxes	(37,898)	(15,395)	(53,294)	(19,570)	(72,864)	(47,425)	(120,288)	162,453	42,164	C-1
7	OPERATING EXPENSES	398,906	42,143	441,049	22,686	463,735	74,748	538,483	190,860	729,343	
8	NET OPERATING INCOME	(60,348)	(47,520)	(107,867)	(10,019)	(117,886)	(72,209)	(190,095)	284,426	94,331	
9	RATE BASE	181,885	793,371	975,256	68,136	1,043,393	179,894	1,223,287	0	1,223,287	A-1
10	RATE OF RETURN	-33.18%		-11.06%	<del></del>				:	7.71%	

Requested Revenue Increase: 136.4%

## Schedule of Sewer Net Operating Income

# Polk County Total Docket No. 060368-WS

Number of Sewer Systems: 3

Schedule:

B-2

Page:

1 of 1

Florida Public Service Commission

Preparer:

Jack Schreyer

Historical 2005, Projected 2006, 2007

Schedule Year Ended December 31 of:

Explanation: Provide the calculation of net operating income for the test year. If amortization (Line 4) is related to any amount other than an acquisition adjustment, submit an additional schedule showing a description and calculation of charge.

	(1)	(2) Per	(3) Utility	(4) Adjusted	(5)	(6) Adjusted	(7)	(8) Adjusted	(9) Requested	(10) Requested	(11)
Line No.	Description	Books 2005	Test Year Adjustment	Test Year 2005	Adjustments 2005-06	Intermd. Yr 2006	Adjustments 2006-07	Rate Year 2007	Revenue Adjustment	Annual Revenues	Supporting Schedules
	Description	2003	Aujustinent	2003	2003-00	2000	2000-01	2007	rajustmont	1101011000	
1	OPERATING REVENUES	229,247	(2,143)	227,104	3,453	230,557	481	231,039	699,986	931,025	B-4
2	Operation & Maintenance	254,166	3,872	258,039	(40,877)	217,162	59,709	276,871	10,338	287,209	B-6
3	Depreciation, net of CIAC Amort.	14,243	97,506	111,748	13,567	125,315	33,415	158,730	0	158,730	B-14
4	Amortization	0	0	0	0	0	0	0	0	0	
5	Taxes Other Than Income	57,723	(1,121)	56,602	3,311	59,912	19,311	79,224	31,499	110,723	B-15
6	Provision for Income Taxes	(40,542)	(24,712)	(65,254)	(2,938)	(68,192)	(53,121)	(121,313)	237,354	116,041	C-1
7	OPERATING EXPENSES	285,590	75,545	361,134	(26,938)	334,197	59,315	393,511	279,192	672,703	
8	NET OPERATING INCOME	(56,343)	(77,687)	(134,030)	30,391	(103,639)	(58,833)	(162,473)	420,795	258,322	
9	RATE BASE	204,472	1,894,707	2,099,178	195,936	2,295,114	784,448	3,079,562		3,079,562	A-2
10	RATE OF RETURN	-27.56%		-6.38%					;	8.39%	

Requested Revenue Increase:

303.0%

# Schedule of Requested Cost of Capital

## Florida Public Service Commission

Polk County Total Docket No. 060368-WS Number of Water Systems: 5 Number of Sewer Systems: 3 Schedule:

D-1

Test Year Ending: 12/31/07 Historical [ ] Projected [ X ] Page: 1 of 1 Preparer: Jack Schreyer

Explanation: Provide a schedule which calculates the requested Cost of Capital on a 13-month average basis. If a year-end basis is used submit an additional schedule reflecting year-end calculations.

•	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Reconciled			Weighted		
Line	)	To Requested		Cost	Cost		Supporting
No.	Class of Capital	Rate Base	Ratio	Rate	Rate	Cost	Schedules
WA	rer						
1	Long-Term Debt	442,296	36.16%	6.00%	2.17%	26,538	D-2
2	Short-Term Debt	0	0.00%		0.00%	0	D-2
3	Preferred Stock	0	0.00%		0.00%	0	D-2
4	Common Stock	663,444	54.23%	10.12%	5.49%	67,141	D-2
5	Customer Deposits	11,110	0.91%	6.00%	0.05%	667	D-2
6	Accumulated Deferred Income Taxes	106,437	8.70%	0.00%	0.00%	0	D-2
7	Total	1,223,287	100.00%	_ =	7.71%	94,345	
SEV	VER						
8	Long-Term Debt	1,217,251	39.53%	6.00%	2.37%	73,035	D-2
9	Short-Term Debt	0	0.00%	0.00%	0.00%	0	D-2
10	Preferred Stock	0	0.00%	0.00%	0.00%	0	D-2
11	Common Stock	1,825,876	59.29%	10.12%	6.00%	184,779	D-2
12	Customer Deposits	8,825	0.29%	6.00%	0.02%	529	D-2
13	Accumulated Deferred Income Taxes	27,610	0.90%	0.00%	0.00%	0	D-2
14	Total	3,079,562	100.00%	_	8.39%	258,343	-

# Rate Schedule - Proposed Rates

# Florida Public Service Commission

Polk County Total
Docket No. 060368-WS
Tost Year End: 12/21/2004

Number of Water Systems: 5 Number of Sewer Systems: 3

Schedule: Page: E-1 1 of 1

Test Year End: 12/31/2005 Water [ X ] Sewer [ X ] Preparer:

Jack Schreyer

Explanation: Provide a schedule of present and proposed interim rates

	(1)	(2)	(3)	
Line			Proposed	
No.	Class/Meter Size		County Rates	C
	WATER			SEWI
1	Residential			Resid
2	5/8" X 3/4"		21.75	5/8" X
3	3/4"		32.63	3/4"
4	1"		54.38	1"
5	1-1/2"		108.76	1-1/2'
6	2"		174.01	2"
7	3"		348.02	3"
8	4"		543.79	4"
9	6"		1,087.57	6"
10	8"		1,740.12	8"
11	10"		2,501.42	10"
12	Gallonage charge		<b>-,</b>	
13	Block 1		2.84	Galloi
14	Block 2		3.55	Gallo
15	Block 3		-	
16	General Service			Gene
17	5/8" X 3/4"		21.75	5/8" X
18	3/4"		32.63	3/4"
19	1"		54.38	1"
20	1-1/2"		108.76	1-1/2"
21	2"		174.01	2"
22	3"		348.02	3"
23	4"		543.79	4"
24	6"		1,087.57	6"
25	8"		1,740.12	8"
26	10"		2,501.42	10"
			m,001.12	
27	Gallonage charge		2.84	Gallor
	5 5			
28	Fire Protection			Flat R
29	2"		43.50	Res. \
30	3"		87.01	Sprint
31	4"		135.95	Reuse
32	6"		271.89	1
33	8"		435.03	
34	10"		625.36	ŀ
			020.00	

(4)	(5)	(6)
		Proposed
Class/Meter Size		County Rates
SEWER		
Residential		
5/8" X 3/4"		100.58
3/4"		150.87
1"		251.45
1-1/2"		502.90
2"		804.63
3"		1,609.27
4"		2,514.48
6"		5,028,95
8"		8,046.33
10"		11,566.60
		,
Gallonage cap (gallons)		6,000
Gallonage charge		7.72
0 0		
General Service		
5/8" X 3/4"		100.58
3/4"		150.87
1"		251.45
1-1/2"		502.90
2"		804.63
3"		
4"		1,609.27
6"		2,514.48
8"		5,028.95
10"		8,046.33
10		11,566.60
Gallonage charge		9.26
El 4 B 4		
Flat Rate		
Res. Wastewater Only		211.22
Sprinkler Heads		-
Reuse		-
		,

# Projected Test Year Revenue Calculation

#### Florida Public Service Commission

Polk County Total

Docket No. 060368-WS

Schedule Year End: 12/31/200

Number of Water Systems: 5

Schedule: E-13w
Page: 1 of 1
Preparer: Jack Schreyer

Docket No. 060368-WS Schedule Year End: 12/31/2007 Water [X] or Sewer []

Explanation: If a projected test year is used, provide a schedule of historical and projected bills and consumption by classification. Include a calculation of each projection factor on a separate schedule, if necessary. List other classes or meter sizes as applicable.

	(1)	(2) (3) (4) Proj. Test	(5) (6) (7) Proj. Test	(8) WgtdAvg	(9) Proj. 2007	(10)	(11) Proposed	(12) Projected
_ine		Year 2007	Year 2007	Present	Revenue at	Conserv.	County	2007
<u>No.</u>	Class/Meter Size	Bills	Consump.	Rates	Pres. Rates	Gallons	Rates	Rev. Req.
1	Residential							
2	5/8" X 3/4"	17,336	103,947	8.14	141,187		21.75	377,05
3	3/4"	0	0	-	0		32.63	(
4	1"	72	845	6.35	457		54.38	3,91
5	1-1/2"	0	0	-	0		108.76	(
6	2"	24	1,497	54.73	1,313		174.01	4,176
7	3"	0	0	-	0		348.02	(
8	4"	0	0	-	0		543.79	(
9	Gallonage							
10	Block 1		105,745	1.17	123,282	70,137	2.84	199,189
11	Block 2		320	1.20	384	36,152	3.55	128,338
12	Block 3		223	1.46	326	0	-	
13	Total Residential	17,432	106,289		266,950	106,289		712,67
14	Average Bill				15.31			40.88
15	Commerical							
16	5/8" X 3/4"	634	15,869	9.33	5,913		21.75	13,79
17	3/4"	12	2	1,038.02	12,456		32.63	392
	1"	96	1,389	12.87	1,236		54.38	5,220
	1-1/2"	48	816	50.42	2,420		108.76	5,220
20		48	3,176	79.61	3,821		174.01	8,35
21	3"	0	0	-	0		348.02	(
22 23	4"	12	472	324.41	3,893		543.79	6,52
24	Gallonage		21,724	2.07	45,017	21,724	2.84	61,69
25	Total Commercial	850	21,724	2.07	74,757	21,724	2.04	101,196
26	Average Bill	000	21,721		87.95	21,727		119.05
27	Multi-Family							
28	5/8" X 3/4"	0	0	-	0		21.75	(
29	3/4"	0	0	-	0		32.63	1
30	1"	0	0	-	0		54.38	
31	1-1/2"	0	0	-	0		108.76	
32	2"	0	0	-	0		174.01	
33	3"	0	0	-	0		348.02	
34	4"	0	0	_	0		543.79	
35								
36	Gallonage		0	-	0	0_	2.84	
37	Total Multi-Family	0	0		0	0		
38	Average Bill				0.00			0.00
	Fire Protection							
40		0		-	0		43.50	
41		. 0		-	0		87.01	(
	4"	0		-	0		135.95	4
43		0		-	0		271.89	
44	8"	0		-	0		435.03	
45	10"	0		-	0		625.36	
46	Per Hydrant	0_		-	0		-	
47	Total Fire Protection	0			0			-
48	Average Bill	•			0.00			0.00
49	Subtotals	18,282	128,013		341,706			813,87
50	Misc. Service Charge				6,681			9,87
51	Total Revenue				348,387			823,74

## **Projected Test Year Revenue Calculation**

## Florida Public Service Commission

Polk County Total Docket No. 060368-WS Number of Sewer Systems: 3

Schedule Year End: 12/31/2007 Water [ ] or Sewer [ X ] Schedule: E-13s Page: 1 of 1 Preparer: Jack Schreyer

Explanation: If a projected test year is used, provide a schedule of historical and projected bills and consumption by classification. Include a calculation of each projection factor on a separate schedule, if necessary. List other classes or meter sizes as applicable.

	(1)	(2) (3) (4)	(5) (6) (7)	(8)	(9)	(10)	(11)	(12)
1		Proj. Test	Proj. Test	WgtdAvg	Proj. 2007	Proposed	Proposed	Projected
Line No.	Class/Meter Size	Year 2007 Bills	Year 2007 Usage	Present Rates	Revenue at Pres. Rates	Year 2007 Usage	County Rates	2007 Rev. Reg.
1	Residential							· · · · · · · · · · · · · · · · · · ·
2	5/8" X 3/4"	4,932	17,710	24.09	118,795		100.58	496,061
3	3/4"	0	0	-	0		150.87	0
4	1"	0	0	-	0		251.45	0
5	1-1/2"	0	0	-	0		502.90	0
6	2"	0	0	-	0		804.63	0
7	3" 4"	0	0	-	0		1,609.27	0
8 9	•	0	0	-	0		2,514.48	0
10	Gallonage cap (gallons) Capped Usage		17,710	0.30	E 201	40.240	6,000	440.004
11	Usage Above Cap	(	12,690	0.30	5,281	19,210 11,190	7.72	148,301
12	Osage Above Cap		12,090			11,190		0
13	Total Residential	4,932	30,400	-	124,075	30,400		644,362
14	Average Bill	1,002	55,100		25.16	30,400		130.65
					20.70			750.05
15	Commerical							
16	5/8" X 3/4"	273	13,021	42.73	11,665		100.58	27,458
17	3/4"	0	0	-	0		150.87	0
18	1"	36	142	106.81	3,845		251.45	9,052
19	1-1/2"	60	828	176.23	10,574		502.90	30,174
20	2"	36	2,642	236.76	8,523		804.63	28,967
21	3" 4"	0	0		0		1,609.27	0
22 23	4"	12	0	1,068.03	12,816		2,514.48	30,174
24	Gallonage		17 105	3.46	E0 247	47.405	0.00	450.000
25	Total Commercial	417	<u> 17,105</u> 17,105	_ 3.46	59,217 106,642	<u>17,105</u> 17,105	9.26	158,392
26	Average Bill	711	17,105		255.74	17,103		284,217 681.58
27	Multi-Family							
28	5/8" X 3/4"	0	0	_	0		100.58	0
29	3/4"	Ö	Ö	-	0		150.87	0
30	1"	0	0		Ö		251.45	0
31	1-1/2"	Ō	Ō	_	Ö		502.90	ő
32	2"	0	0	-	Ō		804.63	Ö
33	3"	0	0	-	Ō		1,609.27	0
34	4"	0	0	-	0		2,514.48	Õ
35								
36	Gallonage		0		0	0	9.26	0
37	Total Multi-Family	0	0		0	0		0
38	Average Bill				0.00			0.00
39	Flat Rate							
40	Res. Wastewater Only	12	0	26.81	322		211.22	2,535
41	Sprinkler Heads	0	0		0		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,555
42	Reuse	0	0	-	0		-	Ō
43	Total Flat Rate - Other			-	322			2,535
44	Subtotals	5,349	47,505		231,039	47,505		931,114
45	Misc. Service Charge				0			0
46	Total Revenue				231,039			931,114