Jumper Creek Utility Company

November 14, 2014

Office of Commission Clerk
Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399

Re: Docket No. 140147-WS - Application of Jumper Creek Utility Company for Staff Assisted Rate Case in Sumter County

Dear Commission Clerk,

Please find attached the following revised schedules in the above referenced docket.

Schedules F-1 through F-8.

If you have any questions, please do not hesitate to contact me at (727) 848-8292, ext. 245.

Respectfully Submitted,

Troy Rendell
Manager of Regulated Utilities
// for Jumper Creek Utility Company

5320 Captains Court, New Port Richey, Florida 34652
Mailing: C/O 4939 Cross Bayou Boulevard, New Port Richey, Florida 34652
Tel: 727-848-8292

Gallons of Water Pumped, Sold and Unaccounted For
In Thousands of Gallons

Florida Public Service Commission

REVISED

Schedule: F-1
Page: 1 of 1
Preparer: W T Rendell

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

Explanation: Provide a schedule of gallons of water pumped, sold and unaccounted for each month of the test year. The gallons pumped should match the flows shown on the monthly operating reports sent to DEP. The other uses may include plant use, flushing of hydrants and water and sewer lines, line breakages and fire flows. Provide all calculations to substantiate the other uses. If unaccounted for water is greater than 10%, provide an explanation as to the reasons why.

Line No.	Month	(1) Gallons Pumped	(2) Gallons Purchased	(3) Gallons Sold	(4) Other Uses	(5) Unaccounted For Water (1)+(2)-(3)-(4)	(6) % Unaccounted For Water
1	Jul-13	177,000	0	179,000	9,365	(11,365)	-6.4%
2	Aug-13	159,300	0	139,000	7,965	12,335	7.7%
3	Sep-13	174,900	0	178,000	8,745	(11,845)	-6.8%
4	Oct-13	188,200	0	154,000	9,410	24,790	13.2%
5	Nov-13	187,000	0	188,000	9,350	(10,350)	-5.5%
6	Dec-13	192,400	0	187,000	9,620	(4,220)	-2.2%
7	Jan-14	196,200	0	181,000	9,810	5,390	2.7%
8	Feb-14	175,800	0	196,000	8,790	(28,990)	-16.5%
9	Mar-14	235,150	0	177,000	11,758	46,393	19.7%
10	Apr-14	266,480	0	204,000	13,324	49,156	18.4%
11	May-14	286,700	0	231,000	14,335	41,365	14.4%
12	Jun-14	215,600	0	246,000	0	(30,400)	-14.1%
13							
14	**TOTAL**	2,454,730	0	2,260,000	112,472	82,259	3.4%

Gallons of Wastewater Treated & Unaccounted For
In Thousands of Gallons

Florida Public Service Commission

REVISED

Schedule: F-2
Page: 1 of 1
Preparer: W T Rendell

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

Explanation: Provide a schedule of gallons of wastewater treated by individual plant for each month of the historical test year. Flow data should match the monthly operating reports sent to DEP.

		(1)	(2)	(3)	(4)	(5)	(6)
Line		Individual Plant Flows				Total Plant	Total Purch. Sewage
No.	Month	STP#1	(Name)	(Name)	(Name)	Flows	Treatment
1	Jul-13	62,300				62,300	
2	Aug-13	57,300				57,300	
3	Sep-13	71,600				71,600	
4	Oct-13	76,800				76,800	
5	Nov-13	80,000				80,000	
6	Dec-13	89,700				89,700	
7	Jan-14	81,300				81,300	
8	Feb-14	65,800				65,800	
9	Mar-14	77,500				77,500	
10	Apr-14	67,000				67,000	
11	May-14	93,600				93,600	
12	Jun-14	172,800				172,800	
13	**Total**	995,700	0	0	0	995,700	0

Water Treatment Plant Data

Florida Public Service Commission

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

REVISED Schedule: F-3
Page: 1 of 1
Preparer: W T Rendell

Explanation: Provide the following information for each water treatment plant. If the system has water plants that are interconnected, the data for these plants may be combined. All flow data must be obtained from the monthly operating reports (MORs) sent to the Department of Environmental Protection.

Line No.	(1) Description		(2) Date	(3) GPD
1	Plant Capacity:			
2	Well #1 - (75 gpm X 16 hrs X 60 min) *per Rule 25-30.4325(6)(b), F.A.C.*			72,000
3	Well # 2 - (75 gpm X 16 hrs X 60 min) *per Rule 25-30.4325(6)(b), F.A.C.*			72,000
1	The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation.			
2	Firm Reliable Capacity - excluding largest well. (Rule 25-30.4325(6), Florida Admistrative Code)			72,000
3	Maximum Day:			
4	The single day with the highest pumpage rate for the test year. Explain, on a separate page,		03/31/14	23,600
5	if fire flow, line-breaks or other unusual occurrences affected the flow this day.			
6	Five-Day Max Year:	Day		
7	The five days with the highest pumpage rate from any one month in the test year.	1	5/3/2014	15,800
8	Provide an explanation if fire flow, line-breaks or other unusual occurrences affected the flows on these days.	2	5/4/2014	15,800
		3	5/14/2014	15,000
		4	5/21/2014	14,600
		5	5/24/2014	12,300
				14,700
9	Average Daily Flow			6,744
10	Required Fire Flow			500
11	The standards will be those as set by the Insurance Service Organization or by a			
12	governmental agency ordinance. Provide documents to support this calculation.			

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Sewer Treatment Plant Data

Florida Public Service Commission

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

REVISED Schedule: F-4
Page: 1 of 1
Preparer: W T Rendell

Explanation: Provide the following information for each sewer treatment plant. If the system has sewer plants that are interconnected, the data for these plants may be combined. All flow data must be obtained from the monthly operating reports (MORs) sent to the Department of Environmental Protection.

Line No.	(1) Description	(2) Month	(3) GPD
1	Plant Capacity: The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation.		35,000
2	Three Month Rolling Average Daily Flow (3MRADF) An average of the daily flows during the peak usage month during the test year. Explain, on a separate page, if this peak month was influenced by abnormal infiltration due to rainfall periods.	April - June 2014	4,000

Used and Useful Calculations
Water Treatment Plant

Florida Public Service Commission

REVISED

Schedule: F-5
Page: 1 of 1
Preparer: W T Rendell

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the water treatment plant(s) for the historical test year and the projected test year (if applicable).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)

WELLS - water treatment system

	Storage	Multiple Wells	Max Day (GPD)	Growth Factor	Excess Unaccounted for Water (GPM)	Fire Flow (GPD)	Peak Demand for Systems with Storage (GPD)	Maximum Supply Well (GPD)	Total Well Capacity (GPD)	Firm Reliable Capacity for Systems Storage (GPM)	Wells U&U Calculated	Permanent Well U&U Used
1												
2	Yes	Yes	23,600	1.18	-	60,000	87,892	72,000	144,000	72,000	**122.07%**	**100.00%**
3												
4		Water treatment plant used and useful calculated pursuant to Rule 25-30.4235, Florida Administrative Code for water treatment system with storages. Removal of largest well consistent with										
5		Rule 25-30.4325(6), FAC. Also, based on 16 hours of pumping with systems with storage pursuant to 25-30.4325(6)(b), FAC.										

STORAGE

	Average 5 Max Day Demand	Reliable Storage	Bottom Drain	Max Day (GPD)	Margin Reserve Ratio	Excess Unaccounted for Water (GPD)	Fire Flow (GPD)	Peak Day Demand (GPD)	Usable Storage (Gal.)	Permanent Storage U&U Calculated	Permanent Storage U&U Used
6		**N/A No Storage**				-					
7											

Used and Useful Calculations
Sewer Treatment Plant

Jumper Creek **REVISED** Schedule: F-6
Docket No. Page: 1 of 1
Historical Test Year Ending June 30, 2014 Preparer: W T Rendell

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the sewer treatment plant(s) for the historical test year and the projected test year (if applicable).

Line No.	(1) Average Daily Demand (GPD)	(2) Treated (GPD)	(3) I&I%	(4) Excess I&I (GPD)	(5) Margin Reserve Ratio	(6) Adjusted Average Daily Demand (GPD)	(7) Plant Capacity (GPD)	(8) Treatment U&U Calculated	(9) Treatment U&U Used	(10)	(11)
1	4,000	2,728	N/A	-	1.00	4,000	35,000	11.43%	**11.43%**		
2											

Inflow and Infiltration Calculations

	4" Gravity Sewer Ft	4" Gravity Sewer Inch Ft	6" Gravity Sewer	6" Gravity Sewer Inch Ft	Total Inch Ft	Total Inch Miles	Daily Allowance - 500 GPD / In Mile	Annual Acceptable Infiltration	Inflow @ 10% of Water Sold	Acceptable I&I	Gallons Sold - Sewer Customers
3	4,872	38,976	-	-	38,976	7.38	3,691	1,347,182	180,960	1,528,142	1,809,600

	Residential % of Gallons Sold	Residential Water Sold	Residential Estimated Return 80%	General Service Water Sold	General Service Estimated Return 96%	Acceptable Amount of Wastewater	Acceptable Wastewater and I&I	Treated Gal	Total Excess I&I	% of Excess I&I Calculated	% of Excess I&I Used
4	98.46%	2,262,000	1,809,600	-	-	1,809,600	3,337,742	995,700	(2,342,042)	0.00%	N/A

Used and Useful Calculations
Water Distribution and Sewer Collection Systems

Florida Public Service Commission

Schedule: F-7
Page: 1
Preparer: W T Rendell

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the water distribution and wastewater collection systems for the historical test year and the projected test year (if applicable). The capacity should be in terms of ability to serve a designated number of connections. It should then be related to actual connected density for historical year calculations. Explain all assumptions for projected calculations. If the distribution and collection systems are entirely contributed or built-out, this schedule is not required.

Line No.	(1) Test Year Connections	(2) Growth Factor	(3) Trended 2016 Cust	(4) Lots Fronting Mains	(4) U&U as Calculated
Water					
1	43.0	1.00	43.0	115	**37.39%**
Sewer					
2	43.0	1.00	43.0	115	**37.39%**

Margin Reserve Calculations - Water & Sewer

Jumper Creek
Docket No.
Historical Test Year Ending June 30, 2014

REVISED Schedule: F-8
Page: 1
Preparer: W T Rendell

Explanation: If a margin reserve is requested, provide all calculations and analyses used to determine the amount of margin reserve for each portion of used and useful plant

Linear regression analysis using average SFRs/ERCs for the last five years and trended for the five years beyond test period(s).

Line No.	(1) Year	(2) Average Connections	(3) Average SFRs	(4) Trend	(5) Increase	
WATER						
1	2009		41.0	42.6		Aqua Annual Report
2	2010		44.0	42.3		Aqua Annual Report
3	2011		43.0	42.0		Aqua Annual Report
4	2012		41.0	41.7		Aqua Annual Report
5	2013		41.0	41.4		Jumper Annual Report
6	2014			41.1	-0.72%	
7	2015			40.8	-0.73%	
8	2016			40.5	-0.74%	
9	2017			40.2	-0.74%	
10	2018			39.9	-0.75%	5 yrs beyond 2011
			X Coefficient(s)	-0.3000		
SEWER						
11	2009		41.0	42.6		Aqua Annual Report
12	2010		44.0	42.3		Aqua Annual Report
13	2011		43.0	42.0		Aqua Annual Report
14	2012		41.0	41.7		Aqua Annual Report
15	2013		41.0	41.4		Jumper Annual Report
16	2014			41.1	-0.72%	
17	2015			40.8	-0.73%	
18	2016			40.5	-0.74%	
19	2017			40.2	-0.74%	
20	2018			39.9	-0.75%	5 yrs beyond 20011
				-0.3000		