FFL FRIEDMAN, FRIEDMAN & LONG, P.A.
ATTORNEYS & COUNSELORS

September 8, 2014

E-Filing

Carlotta S. Stauffer, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

Re: Docket No. 140060-WS - Application for increase in Water and Wastewater rates in Seminole County by Sanlando Utilities Corporation
Our File No. 30057.214

Dear Ms. Stauffer:

The following are Sanlando Utilities Corporation's responses to the Staff's Second Data Request dated August 29, 2014:

Please refer to Schedule F-1 of Sanlando Utilities Corp.

1. Please explain in detail how or why Sanlando experienced negative unaccounted for water during the test year.

RESPONSE: As shown on Schedule F-1 of the MFR's, Sanlando Utilities sold 63.603 million gallons in excess of the water produced from Sanlando's wells during the 2014 Test Year after adjustments for other uses and correcting for measurement error at the Wekiva and Des Pinar supply well meters. An investigation into the cause of this overage of 63.603 million gallons verified that the accuracy of the flow meters at each of the 11 water supply wells was properly taken into account in Schedule F-1. Each meter was calibrated in September 2012 and again in May 2013. The flow meters did not under-register water volume sufficiently to account for the overage.

Secondly, the accuracy of Sanlando's approximately 10,000 water meters in service was considered. Over 300 water meters are general service accounts with meter size greater than 1.5". All of Sanlando's large water meters were tested for accuracy during 2011 and 2012. Large meters that were found to be inaccurate were refurbished or replaced at that time, which pre-dates the Test Year. Large meters that were found to be inaccurate were typically found to have either low registration or no registration issues. Therefore, over-registration of water volume caused by inaccurate large meters is not the source of the overage or a contributor to it.

Sanlando staff continues to execute an ongoing effort to identify and replace residential and small general service meters that are difficult to read, are inaccurate or not functioning at all. Since 2009, operations staff have replaced over 3,700 residential meters, a significant number of which had been in service for 15 or more years and had decreased in accuracy. By the very nature of the meters currently in service (over 99% are Badger Recordall positive displacement meters), it is common for Sanlando's meters to slow down over time, not speed up. It is therefore unlikely that our inventory of small water meters is the source of the overage. In fact, it is very likely that the overage is understated as discussed below.

Third, staff evaluated the two emergency interconnections in place. The interconnection between Seminole County's water system and Sanlando's water system is a fully metered, bi-directional piping arrangement that is read and billed monthly. The flow meters at this location are calibrated annually. The net purchase of water between Seminole County and Sanlando was taken into account within the F-1 Schedule.

The emergency interconnection with Orange County Utilities (OCU) is a unidirectional piping arrangement that includes a 6" flow meter and a 6" bypass with manually operated in-ground isolation valves that are normally closed. OCU retains ownership of the interconnection and is responsible for the operation and maintenance of it. On July 12, 2014, after this case was filed, Sanlando staff discovered that the normally closed isolation valves were fully open thus allowing water to flow from one system to the other.

Upon discovery of the open valve orientation, Sanlando staff immediately closed the main line and bypass valves. Thereafter, Sanlando field staff measured the water pressure on each side of the interconnection. Pressure data indicate that OCU provides and maintains a system pressure that is 10 psi greater than Sanlando at that location. This implies that OCU supplied water to the Sanlando water system on a routine basis for an unknown period of time terminating in July 2014, because water will move inherently from a high pressure zone to a low pressure zone.

It is presumed that the interconnection was fully open throughout 2013. As a result of the OCU interconnection being left open, it is fair to assume that as much as 125 million gallon overage was caused by the delivery of water on a continuous basis through the 6" pipe. A 6" pipe is physically large enough to convey that amount in one year at 10 psi differential pressure. The water demand exerted by our customers was large enough to allow for that amount of water to be used by our customers supplemental to the water supplied by Sanlando's own water plants.

2. If the response to question 1 is related to water from an additional water source (i.e. water from an interconnection with another water system), does Sanlando believe any adjustments should be made to its "F Schedules" filed on July 1, 2014, in Docket No. 140060-WS?

   a. If yes, please explain why Sanlando believes adjustments should be made for the additional water.

RESPONSE: Yes, the F-1 Schedule should be revised to include the addition of a separate column depicting the estimated volume supplied by OCU during the Test Year of 125 million gallons. F-5 should also be revised to reflect the fallout change in UAW. See attached Revised F-1 & F-5". Neither of these changes will impact the calculation of Used & Useful.

   b. If yes, please provide a methodology/rationale to adjust for the additional water.

RESPONSE: At a minimum, the estimated volume should total 63.603 million gallons reflecting the difference between the water sold in the Test Year and the volume produced from Sanlando's wells after correcting for well meter measurement error and other uses of water. However, this approach would imply that the accuracy of all of its water meters in service in the Test Year collectively measured water use with exactly 100% accuracy. This methodology would significantly overstate the aggregate water meter accuracy of the system given the fact that positive displacement meters slow down over time, the vast majority of the water meters in service are positive displacement meters, there are over 10,000 water meters in service, and the majority of the water meters in service are over 10 years old.

Approximately 40% of the Sanlando residential water meters currently in service are over 20 years old after staff having replaced 3,700 water meters since 2009. Therefore, it would be appropriate to assume that the aggregate percentage of unaccounted for water is approximately 2.78% or roughly midway between the minimum and maximum meter accuracy limits specified in Chapter 25-30.262, Meter Accuracy Requirements, for new displacement meters. This equates to a volume of 125 million gallons supplied by OCU during the Test Year that will not be a supplemental water source in the future.

3. If the response to question 1 is related to water from an additional water source (i.e. water from an interconnection with another water system), does Sanlando believe any adjustments to its MFR's filed on July 1, 2014, in Docket No. 140060-WS?
   a. If yes, please explain why Sanlando believes adjustments should be made for the additional water.

RESPONSE: Yes, adjustments to Sanlando's MFR's should be made to reflect increased purchased power and chemical costs following the closing of the valves at the OCU interconnection. Sanlando will incur additional ongoing annual operating expenses due to the increased use of its water supply wells and increased application of chemicals used in treating well water in order to make up for the water no longer supplied through the OCU interconnection. Specifically, sodium hypochlorite, used for disinfection, and polyphosphate, used as a corrosion inhibitor, will be utilized in greater volume on an annual basis assuming no change in water demand, unit chemical costs or dosage rates.

   b. If yes, please provide a methodology/rationale to adjust for the additional water.

RESPONSE: The location of the OCU interconnection is on Canter Club Drive on the western boundary of Sanlando's service territory and west of the Wekiva Hunt Club Water Treatment Plant, which is supplied by water produced from Wekiva Wells 5, 6, 7, 8, and 9. It is assumed that these five wells would be operated more often on a going forward basis in order to meet customer demand in the absence of water that was previously supplied by OCU. Since the other two Sanlando water plants, Des Pinar and Knollwood, are miles away from the OCU interconnection and are much smaller in production capacity, it is assumed that the operational impact of closing the OCU interconnection will impact only the Wekiva Water Plant and Wells 5-9. Therefore, it is reasonable to assume that certain operating expenses specific to the operation of the Wekiva wells and water treatment plant will increase in a permanent way including purchased power and chemical costs totaling $27,219.85. See attached "Sanlando SDR #2 Response".

4. If the response to question 1 is related to water from an additional water source (i.e. water from an interconnection with another water system), how long does Sanlando believe that the additional water has impacted Sanlando's water system?

RESPONSE: We cannot be certain how long the OCU interconnection was a source of supplemental water to Sanlando. However, there are historical indications that the valve may have been closed during 2010 but open throughout 2012, 2013 and part of 2014. In the previous Sanlando rate case, filed in Docket No. 110257-WS, MFR Schedule F-1 showed that gallons pumped exceeded gallons sold and that UAW was computed to be 10.91% during the 2010 Test Year. This would lead to the conclusion that all demands were met by the utility's wells in 2010 and that any water delivered by OCU was insignificant. According to Sanlando's 2012 and 2013 annual reports, gallons sold exceeded gallons pumped and UAW was negative,

leading to the conclusion that the OCU interconnection was a supplemental water source in 2012, 2013 and part of 2014.

A survey of our operations staff indicated that none of our personnel operated the interconnection valves during the last four years nor are they aware of OCU staff operating the valves during this time period. Because the valves are buried, not visible from the surface and not within the locked underground vault containing the flow meter, there is no visual indication of the valves' position, either open or closed. Therefore, it is not possible to verify exactly how long the valves have been in the open position.

5. Please provide the following data for every month since the source of the negative unaccounted for water has been addressed: number of gallons sold, number of gallons pumped, amount of water treatment chemicals used, amount of power purchased.

RESPONSE: Sanlando discovered the open OCU interconnection valves on July 12, 2014. Therefore, the available data is limited to the short time that has elapsed since then. Due to the fluctuations in weather conditions from month to month and year to year as well as the seasonality of water demand, it is difficult to ascertain with a high degree of accuracy how much of a change in gallons pumped is attributable to the termination of the use of the OCU interconnection as a supplemental water source in 2014 compared to the same time period in 2013.

Potable water produced at the three Sanlando water plants is delivered to Sanlando's customers through a common distribution piping network. Water produced at the Wekiva Water Plant is not discretely delivered to a subset of the Sanlando customer base. Depending on the location of a customer relative to the three water plants and the hydraulic characteristics evident when water was used, a customer may have used water on any given day that was produced from the Wekiva, Des Pinar or Knollwood water plants. Consequently, it is impossible to determine the number of Wekiva Plant gallons that were sold since July 12, 2014 distinct from the number of Des Pinar or Knollwood gallons sold in the same time period.

Between July 12 and August 31, a total of 238 million gallons was pumped from Wells 5-9. A total of 12,660 gallons of sodium hypochlorite and 374 gallons of polyphosphate were used in the same timeframe. The total amount of purchased power for Wells 5-9 and the Wekiva WTP for the month ending August 5, 2014 is $21,152.57.

If you or the Staff have any questions, please feel free to contact me.

Very truly yours,

MARTIN S. FRIEDMAN
For the Firm

MSF/

cc: John Hoy (via e-mail)
Patrick Flynn (via e-mail)
Darrien Pitts (via e-mail)
Erik Sayler, Esquire (via e-mail)

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

Sanlando Utilities Corp.
Docket No.: 140060-WS
Test Year Ended: December 31, 2013

Florida Public Service Commission

Schedule F-1
Page 1 of 1
Preparer: Seidman, F.

Revised: 9/8/2014

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 breakage's 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; if less than 10%, Columns 4 & 5 may be omitted.

Month/ Year	(1) Total Gallons Pumped* (000,000)	(2) Correction (1) Wekiva (000,000)	(3) Correction (1) Des Pinar (000,000)	(4) Corrected Gallons Pumped* (000,000)	(5) Delivery from (3) OCU due to Open Valve (000,000)	(6) Gallons Sold (000,000)	(7) Other Uses (000,000)	(8) Unaccounted (2) For Water (4)+(5)-(6)-(7)	(9) % Unaccounted For Water
Jan-13	168.232	(0.153)	(0.494)	167.584	10.417	172.197	1.415	4.388	2.47 %
Feb-13	169.806	(0.152)	(0.795)	168.859	10.417	190.150	0.604	(11.478)	(6.40)
Mar-13	196.103	(0.182)	(0.889)	195.032	10.417	178.795	0.490	26.163	12.73
Apr-13	192.184	(0.178)	(0.863)	191.143	10.417	212.539	0.472	(11.451)	(5.68)
May-13	205.947	(0.184)	(0.926)	204.837	10.417	193.381	0.710	21.162	9.83
Jun-13	158.451	(0.150)	(0.677)	157.623	10.417	204.679	0.867	(37.506)	(22.32)
Jul-13	164.166	(0.153)	(0.607)	163.406	10.417	159.672	0.950	13.201	7.59
Aug-13	187.362	(0.166)	(0.881)	186.314	10.417	172.545	1.356	22.830	11.60
Sep-13	181.609	(0.163)	(0.821)	180.625	10.417	183.302	1.190	6.549	3.43
Oct-13	206.552	(0.182)	(0.918)	205.452	10.417	194.862	2.856	18.150	8.41
Nov-13	176.861	(0.157)	2.668	179.372	10.417	188.066	0.473	1.250	0.66
Dec-13	204.571	(0.119)	(0.834)	203.617	10.417	203.490	2.406	8.139	3.80
Total	2211.844	(1.940)	(6.038)	2203.865	125.000	2253.678	13.790	61.397	2.78 %

(*) The volumes in col. (1) reflect the amounts reported in the MOR's, which is water produced, or finished water and is measured leaving the treatment plants. Water pumped is measured at the wells and is not reflected here.

(1) These corrections reflect the results of testing of the flow meters at the plant.

(2) Variances from month to month may result from the following a) gallons pumped are recorded monthly, at the end of the month; b) gallons sold are recorded by meter reading cycles that do not end on the last day of the month; and c) other uses are estimated. Consequently, the calculated amounts of unaccounted for water on a monthly basis are erratic. On a total basis UAW appears to be negative, however, the differential of 2.88% between water produced and water billed and used falls within the limits for meter accuracy set out in PSC Rule 25-30.262, F.A.C.

(3) This reflects the average of the estimated amount of water delivered through the Orange County Utilities (OCU) manually operated valve found in the open position in July, 2014.

Reconciliation: Col. 5, gallons sold, agrees with Col. 7, Sch. F-9. Both differ from Sch. E-2 by 12.6 MG or only .56%, which is inconsequential.

Used and Useful Calculations
Water Treatment Plant

Florida Public Service Commission

Sanlando Utilities Corp.
Docket No.: 140060-WS
Test Year Ended: December 31, 2013

Schedule F-5
Page 1 of 2
Preparer: Seidman, F.
Revised:9/8/2014

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).

Recap Schedules: A-5,A-9,B-13

INPUT INFORMATION:

Total well capacity, gpm	17,376	gpm
Firm Reliable well pumping capacity (largest well out), gpm	13,876	gpm
Ground storage capacity, gal.	3,475,000	gallons
Usable ground storage (90%), gal.	3,127,500	gallons
Elevated Storage	0	gallons
Usable elevated storage	0	gallons
Hydropneumatic storage capacity, gal.	10,000	gallons
Usable hydropneumatic storage capacity (0.00%), gal.	0	gallons
Total usable storage, gal.	3,127,500	gallons
Maximum day demand	10,365,000	gpd
Peak hour demand = 2 x maximum day/1440	14,396	gpm

3. Fire flow requirement — 1250 gpm x 2 hours — 150,000 gpd

4.

Unaccounted for water	2.78% of water pumped	168	gpd, avg
Acceptable unaccounted for	10.00%	606	gpd, avg
Excess unaccounted for		0	gpd, avg

5. Used & Useful Analysis in accordance with Rule 25-30.4325

Water Treatment Plant

Percent Used & Useful = (A + B + C - D)/E x 100%, where: 83.99%

A =	Peak demand	10,365,000	gpd
B =	Property needed to serve five years after TY	672,907	gpd
C =	Fire flow demand	150,000	gpd
D =	Excess unaccounted for water	0	gpd
E =	Firm Reliable Capacity (16 hours)	13,320,960	gpd

The above used & useful factor is applicable to all source of supply, pumping and treatment accounts, as well as the land, structures accounts.

Storage Plant

Percent Used & Useful = (A + B + C - D)/E x 100%, where: 100.00%

A =	Peak demand	10,365,000	gallons
B =	Property needed to serve years after TY	672,907	gallons
C =	Fire flow demand	150,000	gallons
D =	Excess unaccounted for water	0	gallons
E =	Firm Reliable Capacity (Usable storage)	3,127,500	gallons

The above used & useful factor is applicable to the reservoir & storage account.

Sanlando Utilities Corporation
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September 8, 2014

Additional annual operating expense associated with production, treatment and delivery of 125 MG of water:

Chlorine	$	6,046.24
Polyphosphate	$	381.04
Purchased Power	$	20,792.58
TOTAL	**$**	**27,219.85**

Sanlando Utilities Corporation
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	Des Pinar	*Knollwood*	*Wekiva*							(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Pumped	Pumped	Pumped	**Total Pumped**	Total Gallons Loss/Used	Pumped, Less Gallons Loss/ Used	Actual Consump. Billed	Pumped, + Source Mtr Error, - Gallons Loss/ Used	AFW (%)	Wekiva Chlorine Use (gal)	Unit Cost Chlorine ($/gal)	Feed Rate (gal/mg)	Chlorine Cost/125 mg	Wekiva Phosphate Use (gal)	Unit Cost Phosphate ($/gal)	Feed Rate (gal/mg)	Phosphate ($/mg)
January 2013	65.056	0.603	102.573	**168.232**	1.415	166.8169	172.197253	166.169006									
February	66.616	0.909	102.281	**169.806**	0.604	169.2019	190.149538	168.254884									
March	75.034	0.864	120.205	**196.103**	0.490	195.6126	178.795405	194.541919									
April	73.378	0.671	118.135	**192.184**	0.472	191.712	212.539	190.671									
May	79.474	0.680	125.793	**205.947**	0.710	205.237	193.381	204.127									
June	56.554	0.787	101.110	**158.451**	0.867	157.584	204.679	156.756									
July	59.710	1.753	102.703	**164.166**	0.950	163.216	159.672	162.456									
August	73.723	0.802	112.837	**187.362**	1.356	186.006	172.545	184.958									
September	69.555	0.829	111.225	**181.609**	1.190	180.419	183.302	179.434									
October	81.108	1.277	124.167	**206.552**	2.856	203.696	194.862	202.596									
November	70.531	0.681	105.649	**176.861**	0.473	176.388	188.066	178.899									
December	69.709	0.777	134.085	**204.571**	2.406	202.165	203.490	201.212									
Annual Total	840.448	10.633	1,360.763	**2,211.844**	**13.790**	**2,198.054**	**2,253.678**	**2,190.075**	102.9%	**65,820**	**$ 0.81**	**48.37**	**$6,046.24**	**4,148**	**$ 6.90**	**3.05**	**$ 381.04**

Data Source:
(1) Sanlando Chemical Schedule
(2) Sanlando Chemical Schedule
(3) Calculated amount
(4) Calculated amount
(5) Wekiva Plant log sheets
(6) Sanlando Chemical Schedule
(7) Calculated amount
(8) Calculated amount

Sanlando Utilities Corporation
Docket No. 140060-WS
Staff Data Request #2
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Sodium Hypochlorite delivered to Wekiva Water Plant in Test Year
Source: Chemical Schedule sorted by Wekiva Water Plant deliveries

CO	OBJ	DESCRIPTION	NET	LT	PC	DOC	DATE	Sodium Hypochlorite, gal	Unit Price
255	5480	THE DUMONT COMPANY INC	1,040.00	AA	P	493066	1/3/2013	800	$ 1.30
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	494055	1/15/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,000.00	AA	P	495757	1/23/2013	1,250	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	560.00	AA	P	497315	1/29/2013	700	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	828.00	AA	P	498269	2/5/2013	1,035	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	840.00	AA	P	499674	2/11/2013	1,050	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	800.00	AA	P	500539	2/20/2013	1,000	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	900.00	AA	P	500815	2/20/2013	1,125	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,280.00	AA	P	503323	3/4/2013	1,600	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,040.00	AA	P	505518	3/7/2013	1,300	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	480.00	AA	P	506224	3/13/2013	600	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,640.00	AA	P	508834	3/26/2013	2,050	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,040.00	AA	P	510546	3/29/2013	1,300	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	840.00	AA	P	511960	4/5/2013	1,050	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,320.00	AA	P	513187	4/10/2013	1,650	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,520.00	AA	P	514415	4/17/2013	1,900	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,120.00	AA	P	516748	4/22/2013	1,400	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,160.00	AA	P	518361	4/29/2013	1,450	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	519350	5/7/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,120.00	AA	P	521546	5/15/2013	1,400	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,280.00	AA	P	522575	5/22/2013	1,600	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,060.00	AA	P	523824	5/28/2013	1,325	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,160.00	AA	P	525274	6/6/2013	1,450	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,200.00	AA	P	526632	6/12/2013	1,500	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,040.00	AA	P	529505	6/21/2013	1,300	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	880.00	AA	P	530519	6/25/2013	1,100	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	880.00	AA	P	531878	7/9/2013	1,100	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	534400	7/9/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,000.00	AA	P	534564	7/16/2013	1,250	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	536061	7/23/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	537604	7/30/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	541696	8/13/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	541700	8/13/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,040.00	AA	P	542832	8/23/2013	1,300	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	840.00	AA	P	545558	8/30/2013	1,050	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	920.00	AA	P	546515	9/6/2013	1,150	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	880.00	AA	P	547901	9/10/2013	1,100	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	550563	9/17/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	551870	9/24/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	372.00	AA	P	554630	10/7/2013	465	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	496.00	AA	P	554634	10/8/2013	620	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,220.00	AA	P	557484	10/16/2013	1,525	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	880.00	AA	P	557956	10/24/2013	1,100	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	680.00	AA	P	557959	10/24/2013	850	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,020.00	AA	P	559225	10/31/2013	1,275	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	480.00	AA	P	560762	11/5/2013	600	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	560766	11/5/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	320.00	AA	P	563861	11/12/2013	400	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	840.00	AA	P	566368	11/20/2013	1,050	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	960.00	AA	P	565327	11/21/2013	1,200	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,024.00	AA	P	566927	12/4/2013	1,600	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,440.00	AA	P	566942	12/4/2013	1,800	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,120.00	AA	P	569711	12/13/2013	1,400	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	720.00	AA	P	570480	12/19/2013	900	$ 0.80
255	5480	ODYSSEY MANUFACTURING CO	1,120.00	AA	P	572201	12/26/2013	1,400	$ 0.80
							Total gallons	65,820	
							Average cost		$ 0.81

Sanlando Utilities Corporation
Docket No. 140060-WS
Staff Data Request #2
September 8, 2014

Location	Account No.	Service Period From	Service Period to	Annual Expense/site	Volume Pumped (1) (mg/yr)	$/mg	$/125 mg
Wekiva Well 5	82570-00890	01/08/13	01/09/14	**$4,420.59**	30.731		
Wekiva Well 6	82585-85007	01/09/13	01/09/14	**$5,874.13**	36.972		
Wekiva Well 7	82626-17281	01/09/13	01/09/14	**$7,941.63**	70.209		
Wekiva Well 8					1,085.951		
Wekiva Well 9	82582-96989	01/08/13	01/09/14	**$3,794.20**	72.294		
Wekiva Water Plant & Well 8	96213-47054	01/09/13	01/09/14	**$193,573.01**			
				$215,603.56	1,296.157	$166.34	$20,792.58

(1) Data Source: Wekiva Plant Logs

Well Identifier	Progress Energy Account No.	Service Period From	Service Period to	Amount Paid
Wekiva Well 5	82570-00890	12/05/12	01/08/13	$ 322.90
		01/08/13	02/05/13	$ 311.75
		02/05/13	03/06/13	$ 350.80
		03/06/13	04/04/13	$ 382.25
		04/04/13	05/06/13	$ 373.25
		05/06/13	06/05/13	$ 367.27
		06/05/13	07/08/13	$ 261.12
		07/08/13	08/06/13	$ 289.30
		08/06/13	09/05/13	$ 543.61
		09/05/13	10/04/13	$ 319.84
		10/04/13	11/05/13	$ 386.69
		11/05/13	12/04/13	$ 339.99
		12/04/13	01/09/14	$ 494.72
366 days				**$ 4,420.59**

Wekiva Well 6	82585-85007	12/05/12	01/09/13	$ 442.19
		01/09/13	02/05/13	$ 418.78
		02/05/13	03/06/13	$ 450.25
		03/06/13	04/04/13	$ 564.28
		04/04/13	05/06/13	$ 509.26
		05/06/13	06/05/13	$ 543.06
		06/05/13	07/08/13	$ 378.58
		07/08/13	08/06/13	$ 367.02
		08/06/13	09/05/13	$ 683.81
		09/05/13	10/04/13	$ 393.15
		10/04/13	11/05/13	$ 484.03
		11/05/13	12/04/13	$ 434.36
		12/04/13	01/09/14	$ 647.55
365 days				**$ 5,874.13**

Well 7	82626-17281	12/05/12	01/09/13	$ 591.44
		01/09/13	02/05/13	$ 572.40
		02/05/13	03/06/13	$ 589.35

		03/06/13	04/04/13	$	792.88
		04/04/13	05/06/13	$	683.41
		05/06/13	06/05/13	$	688.08
		06/05/13	07/08/13	$	504.62
		07/08/13	08/06/13	$	523.85
		08/06/13	09/05/13	$	911.65
		09/05/13	10/04/13	$	555.88
		10/04/13	11/05/13	$	658.87
		11/05/13	12/04/13	$	581.69
		12/04/13	01/09/14	$	878.95
365 days				**$**	**7,941.63**

Well 9	82582-96989	12/05/12	01/08/13	$	312.46
		01/08/13	02/05/13	$	256.60
		02/05/13	03/06/13	$	286.83
		03/06/13	04/04/13	$	497.06
		04/04/13	05/06/13	$	339.63
		05/06/13	06/05/13	$	394.80
		06/05/13	07/08/13	$	168.88
		07/08/13	08/06/13	$	189.37
		08/06/13	09/05/13	$	643.40
		09/05/13	10/04/13	$	210.73
		10/04/13	11/05/13	$	305.46
		11/05/13	12/04/13	$	240.41
		12/04/13	01/09/14	$	261.03
366 days				**$**	**3,794.20**

Wekiva Water Plant	96213-47054	12/05/12	01/09/13	$	16,209.69
and Well 8		01/09/13	02/05/13	$	13,306.95
		02/05/13	03/06/13	$	15,099.24
		03/06/13	04/04/13	$	16,067.86
		04/04/13	05/06/13	$	17,149.23
		05/06/13	06/05/13	$	17,305.30
		06/05/13	07/08/13	$	15,414.68
		07/08/13	08/06/13	$	17,837.43

	08/06/13	09/05/13	$	14,545.23
	09/05/13	10/04/13	$	15,050.15
	10/04/13	11/05/13	$	18,003.15
	11/05/13	12/04/13	$	13,698.63
	12/04/13	01/09/14	$	20,095.16
365 days			**$**	**193,573.01**

Purchased Power invoices following closure of OCU interconnect on 7/12/14:

Well 5	82570-00890	07/08/14	08/05/14	$	632.37
Well 6	82585-85007	07/04/14	08/05/14	$	667.06
Well 7	82626-17281	07/08/14	08/05/14	$	527.15
Well 9	82582-96989	07/08/14	08/05/14	$	484.38
WTP & Well 8	96213-47054	07/07/14	08/05/14	$	18,841.61
Total				**$**	**21,152.57**