

State of Florida



# Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** August 26, 2020

**TO:** Adam J. Teitzman, Commission Clerk, Office of Commission Clerk

**FROM:** Amber M. Norris, Public Utilities Supervisor, Division of Accounting & Finance *AMN*

**RE:** Docket No. 20200139-WS - Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasoc, Pinellas, Polk, and Seminole Counties, by Utilities, Inc. of Florida

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Please place the attached documents into the docket file.

**From:** [Deborah Swain](#)  
**To:** [Amber Norris](#)  
**Cc:** [Martin S. Friedman](#)  
**Subject:** UIF Interim - I&I, EUW and NUU workpapers  
**Date:** Thursday, July 23, 2020 1:37:52 PM  
**Attachments:** [image001.png](#)  
[EUW-II.xlsx](#)  
[NUU 2019 MFR schedules Interim 5-21-2020.xlsx](#)

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Amber - attached are my workpapers for I&I and EUW (includes interim and final), and NUU (this is the separate file for interim). The spreadsheets have the formulas intact.

Debbie Swain

Deborah D. Swain  
Vice President



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			<u>EUW</u>		<u>I&amp;I</u>		
			Interim	Final	Interim	Final	
5435	PURCHASED WATER-WATER SYS	Water	120	9	-	-	
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	97,290	24,927	
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	2,598	8,823	-	-	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	1,484	325	
5480	CHLORINE	Water/Sewer	876	3,267	-	-	
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	81	-	
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	40	926	-	-	
			<u>3,634</u>	<u>13,025</u>	<u>98,855</u>	<u>25,252</u>	
			618/718	916	4,193	81	-

Excess Unaccounted for Water (EUW)

	2015			2019			2019	
	EUW %	\$ Adj	Acct #	EUW %	\$ Adj	Interim	Final	
Labrador	4.60	460	615 618			444	-	
Lake Placid	3.06	108	615 618	10.00		172	56	
Pasco-Orangewood	7.66	1,234	610 615 618			1,607	-	
Marion	1.35	203		8.80		173	1,13	
Pinellas (Lake Tarpon)	10.20	415	610 615 618			457	-	
Seminole Little Wekiva	4.81	66	610 615 618	5.50		89	10	
Seminole Oakland Shores	2.23	282	610 615 618			332	-	
Seminole Phillips	1.56	28	610 615 618			16	-	
Seminole Weathersfield	1.31	338	610 615 618			344	-	
LUSI Four Lakes				1.90		-	-	
Sanlando				2.10		-	11,69	
						3,634	13,49	

CONCLUSION

Table 20 below illustrates the parties' recommended percentages of EUW, along with our approved percentages of EUW and adjustments for each system. There are nine water systems that have EUW. Our adjustments to purchased water, purchased power, and chemical expenses are shown in the table below.

Table 20  
Percentages of EUW

System Name	EUW (%)			Comm. Approved Adjustment (\$)
	OPC	UIF	Comm.	
Labrador	4.6	4.6	4.6	(\$460)
Lake Placid	3.06	3.06	3.06	(\$108)
Pasco Orangewood	7.66	7.66	7.66	(\$1,234)
Marion	1.35	1.35	1.35	(\$203)
Pinellas Lake Tarpon	10.2	10.2	10.2	(\$415)
Seminole Little Wekiva	4.81	4.81	4.81	(\$66)
Seminole Oakland Shores	2.23	2.23	2.23	(\$282)
Seminole Phillips	1.56	1.56	1.56	(\$28)
Seminole Weathersfield	1.31	1.31	1.31	(\$338)
Seminole Ravenna Park	0.95	0	0	\$0


		Labrador				EUW%	
		Per books	Dosage	Water	Sewer	Interim	Final
						4.60%	0.00%
5435	PURCHASED WATER-WATER SYS	Water		-		-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A				-	-
5455	PURCHASED SEWER TREATMENT	Sewer				-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	7,665	7,665		353	0
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	35,450		35,450		
5480	CHLORINE	Water/Sewer	9,658	14,212	1,975	12,237	91
5485	ODOR CONTROL CHEMICALS	Water/Sewer	694				0
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	2,732				0
						<b>444</b>	<b>0</b>

Staff Adjusted Power

Staff adjusted all chemicals based on final MFR dosage  
All chemicals Per 2019 Dosage

Company		Water	Sewer	Grand Total
Row Labels	259	768.3	763.3	1,531.6
Percent		50.16%	49.84%	100.00%

All chemicals Per 2019 Dosage	1,976	12,236	14,212
	13.90%	86.10%	100.00%

Updated 5-13-2020 - dosage

		Lake Placid			EUW%		
		242	Water	Sewer	Interim	Final	
					3.06%	10.00%	
5435	PURCHASED WATER-WATER SYS	Water	-	-	-	-	
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	5,007	5,007	153	501	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	4,800		4,800		
5480	CHLORINE	Water/Sewer	2,984	611	2,372	19	61
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	0	0
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	0	0
					<u>172</u>	<u>562</u>	
Company							
Row Labels		Water	Sewer	Grand Total			
	242	134.1	132.3	266.4			
Percent		50.34%	49.66%				
All chemicals Per 2019 Dosage		611	2372.5	2983.5			
		20.48%	79.52%				

All chemicals Per 2019 Dosage

Updated with dosage info (3001 per books)

Staff Workpapers - staff adjusted 615, 618

LUSI

		Four Lakes		EUW% - \$	
		Water	Sewer	Interim 0.00%	Final 1.90%
5435	PURCHASED WATER-WATER SYS	Water	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	3,668	-	70
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-
5480	CHLORINE	Water/Sewer	152	66	2
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-
				<u>72</u>	

Company

Row Labels	Water	Sewer	Grand Total
255	12,318.7	9,821.2	22,139.9
Percent	55.64%	44.36%	

Allocated above based on 2015 MFRs	194423	148647	343070
with final adjustments (none)	56.67%	43.33%	

Update when dosage info is available

Sum of Amount	Business Unit	Obj Acct	Months		G/L Date	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
			Jan	Feb												
	251100	5465	251.14	221.30	390.50	428.09	299.63	340.20	394.57	202.82	249.95	385.45	311.14	193.35	3,668.14	
	251100	5480				45.50			39.00			65.00		2.00	151.50	
Grand Total			251.14	221.30	390.50	473.59	299.63	340.20	433.57	202.82	249.95	450.45	311.14	195.35	3,819.64	

	Marion	Water	Sewer	EUW% - \$	
				Interim	Final
5435 PURCHASED WATER-WATER SYS	Water	-	-	1.35%	8.80%
5440 PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-
5455 PURCHASED SEWER TREATMENT	Sewer	-	-	-	-
5465 ELEC PWR - WTR SYSTEM SRC SUPP	Water	11,339	11,339	153	998
5470 ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-
5480 CHLORINE	Water/Sev	4,864	1,508	3,356	20
5485 ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	133
5490 OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	-
				<b>173</b>	<b>1,131</b>

BU	Name	W/WW	Account	Description	Amount
252129	Golden Hills V	W	5465	ELEC PWR - WTR SYSTEM SRC SUPP	11,339.10
			5480	CHLORINE	1,510.00
252130	Golden Hills S	WW	5470	ELEC PWR - SWR SYSTEM COLL	3,774.98
			5480	CHLORINE	3,194.00
			5490	OTHER TREATMENT CHEMICALS	160.00

Staff workpapers:

Adjustment made to 615, 618

Adjustment made to total UIF Marion balance

	1.35%		
Acct 615	13,379	181	
Acct 618	1,682	23	

MFRs: (chemicals)

Allocated based on dosage

	W	S	T
Allocated above based on 2019 dosage	1508	3356	4864
	31.00%	69.00%	

Updated w dosage + add'l S chems

UIF Marion includes:

Golden Hills	W
Crownwood	W-S

	Pinellas Lake Tarpon	Pinellas		Water	Sewer	EUW% - \$		BU	Name	W/WW	Account	Description	Amount
		Per Books	Dosage			Interim	Final						
						Lake Tarpon	Lake Tarpon						
						10.20%	0.00%	252128	Lake	W	5435	PURCHASEI	1,178.65
5435	PURCHASED WATER-WATER SYS	Water	1,179	1,179		120	-				5465	ELEC PWR -	2,016.39
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-		-	-				5480	CHLORINE	1,026.75
5455	PURCHASED SEWER TREATMENT	Sewer	-	-		-	-				5490	OTHER TRE	225.00
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	2,016	2,016		206	-						
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-		-	-						
5480	CHLORINE	Water/Sew	1,027	897	897	91	-						
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-		-	-						
5490	OTHER TREATMENT CHEMICALS	Water/Sew	225	394	394	40	-						
						<u>457</u>	<u>-</u>						

confirmed \$5, 12 mos.

Staff workpapers:  
Adjustment made to 610, 615, 618

MFRs:  
Water only, no allocation needed

Pinellas Lake Tarpon Dosage

5480	CHLORINE	897
5490	OTHER TREATMENT CHEMICALS	394

		Seminole				EUW% - \$	
TOTAL		Per Books	Dosage	Water	Sewer	Interim	Final
TOTAL						<b>TOTAL</b>	
5435	PURCHASED WATER-WATER SYS	Water	8,112	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	23,633	23,633	430	80	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-	-
5480	CHLORINE	Water/Sev	19,966	20,411	351	22	
5485	ODOR CONTROL CHEMICALS	Water/Sev	-	-	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sev	-	-	-	-	-
						<b>781</b>	<b>102</b>

		Seminole				EUW% - \$	
Little Wekiva		Per Books	Dosage	Water	Sewer	Interim	Final
252114						<b>Little Wekiva</b>	
5435	PURCHASED WATER-WATER SYS	Water	-	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	1,450	1,450	70	80	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-	-
5480	CHLORINE	Water/Sev	398	397	19	22	
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	-	-
						<b>89</b>	<b>102</b>

		Seminole				EUW% - \$	
Oakland Shores		Per Books	Dosage	Water	Sewer	Interim	Final
252113						<b>Oakland Shores</b>	
5435	PURCHASED WATER-WATER SYS	Water	1,127	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	7,434	7,434	166	-	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-	-
5480	CHLORINE	Water/Sev	7,450	7,463	166	-	
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	-	-
						<b>332</b>	<b>-</b>

		Seminole				EUW% - \$	
Phillips		Per Books	Dosage	Water	Sewer	Interim	Final
252116						<b>Phillips</b>	
5435	PURCHASED WATER-WATER SYS	Water	650	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	526	526	8	-	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-	-
5480	CHLORINE	Water/Sev	144	519	8	-	
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	-	-
						<b>16</b>	<b>-</b>

		Seminole				EUW% - \$	
Weathersfield		Per Books	Dosage	Water	Sewer	Interim	Final
252110, 252111, 252112						<b>Weathersfield</b>	
5435	PURCHASED WATER-WATER SYS	Water	6,334	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	-	-	-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	14,223	14,223	186	-	
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	-	-	-	-	-
5480	CHLORINE	Water/Sev	11,975	12,032	158	-	
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	-	-
						<b>344</b>	<b>-</b>

BU	Name	W/WW	Account	Description	Amount	Adjusted per Patrick
252110	Weathersfield W	W	5435	PURCHASED WATER-WATER SYS	6,334.39	
			5465	ELEC PWR - WTR SYSTEM SRC SUPP	14,222.75	
			5480	CHLORINE	11,974.50	12,031.50
252111	Weathersfield S	WW	5455	PURCHASED SEWER TREATMENT	-123,869.72	127,869
			5470	ELEC PWR - SWR SYSTEM COLL	-7,466.83	
252114	Little Wekiva	W	5465	ELEC PWR - WTR SYSTEM SRC SUPP	1,450.02	
			5480	CHLORINE	397.50	396.50
252116	Phillips	W	5435	PURCHASED WATER-WATER SYS	650.00	
			5465	ELEC PWR - WTR SYSTEM SRC SUPP	525.80	
			5480	CHLORINE	143.80	519.48
252113	Oakland Shores	W	5435	PURCHASED WATER-WATER SYS	1,127.25	
			5465	ELEC PWR - WTR SYSTEM SRC SUPP	7,434.31	
			5480	CHLORINE	7,450.30	7,463.00

12/2018 invoice 9.35

← 13 months

		Sanlando				EUW% - \$	
		Per Books	Dosage	Water	Sewer	Interim 0.00%	Final 2.10%
5435	PURCHASED WATER-WATER SYS	Water	442	442		-	9
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A			-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer			-	-	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	341,628	341,628		-	7,174
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	567,069		567,069	-	-
5480	CHLORINE	Water/Sewer	286,694	300,537	145,186	155,351	3,049
5485	ODOR CONTROL CHEMICALS	Water/Sewer	934	39,782	-	39,782	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	98,858	76,190	44,083	32,107	926
						<u>-</u>	<u>11,158</u>

Company		Water	Sewer	Grand Total
Row Labels				
Percent	255	12,318.7	9,821.2	22,139.9
		55.64%	44.36%	

Allocated above based on 2015 MFRs	194423	148647	343070
with final adjustments (none)	56.67%	43.33%	

**Update when dosage info is available**

Allocated above based on dosage	189188	197299	386487
with final adjustments (none)	48.95%	51.05%	

**Updated 2019 dosage + missing S chems**

		W	S	T
5480	CHLORINE	145186	155351	300537
5485	ODOR CONTROL CHEMICALS		39782	39782
5490	OTHER TREATMENT CHEMICALS	44083	32107	76190

		Orange-wood		EUW%		I&I%			
		Per Books	Dosage	Water	Sewer	Interim	Final	Interim	Final
						7.66%	0.00%	17.22%	5.72%
5435	PURCHASED WATER-WATER SYS	Water	-	-	-	-	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-	-	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	32,260	-	32,260	-	-	5,555	1,845
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	17,009	17,009	-	1303	0	-	-
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	2,133	-	2,133	-	-	-	122
5480	CHLORINE	WATER	4,955	3,971	3,971	304	0	-	-
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-	0	0	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-	0	0	-	-
						<u>1,607</u>	<u>0</u>	<u>5,555</u>	<u>1,967</u>
Company									
Row Labels		Water	Sewer	Grand Total					
	242	1691	150	1841					
Percent		91.85%	8.15%						
252106	Orangewood W	W	5465	ELEC PWR - WTR SYST	17,008.80		17,008.80		
			5480	CHLORINE	4,954.90		4,954.90		
252107	Orangewood S	WW	5455	PURCHASED SEWER TI	32,259.77		32,259.77		
			5470	ELEC PWR - SWR SYSTI	2,132.56		2,132.56		
2019 Dosage Schedule		3971	0	3971	Updated with dosage info - water only				
with final adjustments (none)		100.00%	0.00%						

2015 WP show I&I% applied to total county sewer purchased including Summertree

2015 WP show only adjusted sewer purchased

Based on updated dosage

Excess I & I

	2015			INTERIM		FINAL		
	I&I	\$ Adj.	Acct.#	I&I	\$ Adj.	I&I	\$ Adj.	
Pasco Wis Bar	17.22	35,616	710	17.22%	5,555	5.72%	1,967	Three wastewater systems have I&I. UIF Pasco Wis Bar has 17.22 percent I&I, Sandalhaven has 8.37 percent I&I, and UIF Seminole Lincoln Heights has 32.9 percent I&I. O&M expense, based on these percentages for the three systems, is decreased by \$35,616, \$30,452, and \$61,068, respectively.
Sandalhaven	8.37	30,452	710 715 718	8.37%	25,206	0.00%	-	
Seminole Lincoln Heights	32.90	61,068	710	32.90%	68,094	11.25%	23,285	
Pasco: Orangewood (incl. Wis-Bar, Buena Vista MHP)								
Seminole: Ravenna Park (incl. Crystal Lake, Phillips/ Lincoln Heights)								
TOTAL by account								
	710				97,290		24,927	
	715				1,484		325	
	718				81			

Summertree agreed with OPC's positions and arguments concerning excessive I&I.

ANALYSIS

UIF and OPC agree that the UIF Pasco Wis Bar system has 17.22 percent excessive I&I. However, the Parties disagree on the percentages of excessive I&I for the Sandalhaven and UIF Seminole Lincoln Heights systems. The systems and respective percentages of excessive I&I and our approved adjustments to O&M expense are as follows:

**Table 21**  
**Summary of Excessive I&I**

System Name	Excessive I&I (%)			Commission Adjustment
	OPC	UIF	Commission	
Pasco Wis Bar	17.22	17.22	17.22	(\$35,616)
Sandalhaven	8.37	1.76	8.37	(\$30,452)
Seminole Lincoln Heights	37.41	32.62	32.9	(\$61,068)

		Sandalhaven		Water	Sewer	<u>1&amp;1% - \$</u>	
		Per Books	Dosage			Interim	Final
						8.37%	0.00%
5435	PURCHASED WATER-WATER SYS	Water		-		-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	369			-	-
5455	PURCHASED SEWER TREATMENT	Sewer	289,522		289,522	24,233	-
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water		-		-	-
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	10,660		10,660	892	-
5480	CHLORINE	Water/Sewer		-	-	-	-
5485	ODOR CONTROL CHEMICALS	Water/Sewer	207	963	-	963	81
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	756		-	-	-
						<u>25,206</u>	<u>-</u>
Company							
Row Labels		Water	Sewer	Grand Total			
	256		1,244.6	1,244.6			
Percent		0.00%	100.00%				

		Seminole		I&I - \$	
		Water	Sewer	Interim	Final
		Seminole Lincoln Hts			
				32.90%	11.25%
5435	PURCHASED WATER-WATER SYS	Water	-	-	-
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A	-	-	-
5455	PURCHASED SEWER TREATMENT	Sewer	205,172	67,502	23,082
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water	-	-	-
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	1,801	1,801	592
5480	CHLORINE	Water/Sewer	-	-	-
5485	ODOR CONTROL CHEMICALS	Water/Sewer	-	-	-
5490	OTHER TREATMENT CHEMICALS	Water/Sewer	-	-	-
				68,094	23,285
Company		Water	Sewer	Grand Total	
Row Labels	252119		1,244.6	1,244.6	
Percent		0.00%	100.00%		

Company #	Sub #	System Name	County	Type
252	N/A	Utilities, Inc. of Florida - Seminole County		
252	470	Weathersfield	Seminole	W/S
252	527	Trailwoods		
252	470	Oakland Hills		
252	295	Oakland Shores	Seminole	W
252	247	Little Wekiva	Seminole	W
252	312	Park Ridge	Seminole	W
252	320	Phillips	Seminole	W
252	91	Crystal Lake	Seminole	W
252	344	Ravenna Park	Seminole	W
252	344	Lincoln Heights	Seminole	S
252	015	Bear Lake	Seminole	W
252	204	Jansen	Seminole	W

		2015		2019		
		I&I	\$ Adj	Acct #	I&I	\$ Adj
Seminole Lincoln Heights		32.90	61,068	710		
Seminole: Ravenna Park (incl. Crystal Lake, Phillips)/						Staff workpapers only included purchased sewer
Lincoln Heights				11.25		Purchased sewer - adjust for 12 months and increased rate

BU #	Account	Description	Amount
252119	5455	PURCHASE	205,172
252119	5470	ELEC PWR	1,801
252118	5435	PURCHASE	3428
	5440	PURCHASE	0
	5455	PURCHASE	0
252118	5465	ELEC PWR	7918
	5470	ELEC PWR	0
	5480	CHLORINE	5415
	5485	ODOR CON	0
	5490	OTHER TRE	0

County	System	BU
Seminole	Ravenna Park W	252118
Seminole	Ravenna Park S (with Lincoln Hghts L/S)	252119
Seminole	Ravenna Park C	252120
Seminole	Phillips	252116
Seminole	Crystal Lake	252117

5406.7 WATER Updated with dosage info per books

Row Labels	Water	Sewer	Grand Total
241			2094.2
242	134.1		266.4
246			1664
248	1,376.1		2,677.4
249			2,514.6
250			3,355.0
251	12,107.2		17,412.0
252	6,896.9		9,674.4
255	12,318.7		22,139.9
256			1,244.6
259	768.3		1,531.6
260	1,500.0		2,746.0
Grand Total	35,101.3	32,218.8	67,320.1
	0.5	0.5	

Florida 2019 TB - Post Audit

TB by Company - 12/31/19 UE			Tierra Verde	Lake Placid	Longwood	Cypress Lakes	Eagle Ridge	Mid-County	LUSI	UIF	Sanlando	Sandal-haven	Labrador	Pennebrook	Grand Total
Obj	Description		241	242	246	248	249	250	251	252	255	256	259	260	
5435	PURCHASED WATER-WATER SYS	Water								211,196	442				211,639
5440	PURCHASED WATER-SEWER SYS	Sewer - N/A			663		3,100					369			4,131
5455	PURCHASED SEWER TREATMENT	Sewer	593,968							585,532		289,522			1,469,022
5465	ELEC PWR - WTR SYSTEM SRC SUPP	Water		5,007		10,371			371,829	75,022	341,628		7,665	28,273	839,794
5470	ELEC PWR - SWR SYSTEM COLL	Sewer	7,557	4,800	16,276	54,120	69,671	207,954	195,575	20,194	567,069	10,660	35,450	31,370	1,220,697
5480	CHLORINE	Water/Sewer		3,001		15,585	24,157	60,375	105,651	46,998	286,694		9,658	19,821	571,941
5485	ODOR CONTROL CHEMICALS	Water/Sewer				330	1,043	45,016			934	207	694		48,224
5490	OTHER TREATMENT CHEMICALS	Water/Sewer				6,151	880	85,528	43,845	1,401	98,858	756	2,732	17,361	257,512