

CLASS "A" OR "B"

WATER AND/OR WASTEWATER UTILITIES

(Gross Revenue of More Than \$200,000 Each)

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DEPARTMENT

ANNUAL REPORT

OF

SU640-19-AR

**UTILITIES, INC of FLORIDA**

Exact Legal Name of Respondent

OFFICIAL COPY  
Public Service Commission  
Do Not Remove From This Office

**278W 567S**

Certificate Number(s)

Submitted To The

STATE OF FLORIDA

Florida Public Service Commission

FOR THE

YEAR ENDED

**31-Dec-19**

Form PSC/WAW 3 (Rev. 12/99)

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## GENERAL INSTRUCTIONS

1. Prepare this report in conformity with the 1996 National Association of Regulatory Utility Commissioners Uniform System of Accounts for Water and/or Wastewater Utilities (USOA).
2. Interpret all accounting words and phrases in accordance with the USOA.
3. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the word "None" where it truly and completely states the fact.
4. For any question, section, or page which is not applicable to the respondent, enter the words "Not Applicable". Do not omit any pages.
5. Where dates are called for, the month and day should be stated as well as the year.
6. All schedules requiring dollar entries should be rounded to the nearest dollar unless otherwise specifically indicated.
7. Complete this report by means which result in a permanent record, such as by computer or typewriter.
8. If there is not enough room on any schedule, an additional page or pages may be added; provided the format of the added schedule matches the format of the schedule with not enough room. Such a schedule should reference the appropriate schedules, state the name of the utility, and state the year of the report.
9. If it is necessary or desirable to insert additional statements for the purpose of further explanation of schedules, such statement should be made at the bottom of the page or an additional page inserted. Any additional pages should state the name of the utility, the year of the report, and reference the appropriate schedule.
10. For water and wastewater utilities with more than one rate group and/or system, water and wastewater pages should be completed for each rate group and/or system group. These pages should be grouped together and tabbed by rate group and/or system.
11. All other water and wastewater operations not regulated by the Commission and other regulated industries should be reported as "Other than Reporting Systems".
12. Financial information for multiple systems charging rates which are covered under the same tariff should be reported as one system. However, the engineering data must be reported by individual system.
13. For water and wastewater utilities with more than one system, one (1) copy of workpapers showing the consolidation of systems for the operating sections, should be filed with the annual report.
14. The report should be filled out in quadruplicate and the original and two copies returned by March 31, of the year following the date of the report. The report should be returned to:

**Florida Public Service Commission  
Division of Water and Wastewater  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0873**

The fourth copy should be retained by the utility.

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# **EXECUTIVE SUMMARY**

UTILITY NAME: UTILITIES, INC of FLORIDA

**CERTIFICATION OF ANNUAL REPORT**

I HEREBY CERTIFY, to the best of my knowledge and belief:


- |  |                                |  |
|--|--------------------------------|--|
| YES<br><input checked="" type="checkbox"/> | NO<br><input type="checkbox"/> | 1. The utility is in substantial compliance with the Uniform System of Accounts prescribed by the Florida Public Service Commission.   |
| YES<br><input checked="" type="checkbox"/> | NO<br><input type="checkbox"/> | 2. The utility is in substantial compliance with all applicable rules and orders of the Florida Public Service Commission.   |
| YES<br><input checked="" type="checkbox"/> | NO<br><input type="checkbox"/> | 3. There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices that could have a material effect on the the financial statement of the utility.  |
| YES<br><input checked="" type="checkbox"/> | NO<br><input type="checkbox"/> | 4. The annual report fairly represents the financial condition and results of operations of the respondent for the period presented and other information and statements presented in the the report as to the business affairs of the respondent are true, correct and complete for the period for which it represents. |

Items Certified

1.	2.	3.	4.
X	X	X	X

  
 (Signature of Regulatory Manager of the utility) \*

1.	2.	3.	4.
X	X	X	X

  
 (Signature of Vice President of the utility, Officer of the utility) \*

\* Each of the four items must be certified YES or NO. Each item need not be certified by both officers. The items being certified by the officer should be indicated in the appropriate area to the left of the signature.

**NOTICE:** Section 837.06, Florida Statutes, provides that any person who knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his duty shall be guilty of a misdemeanor of the second degree.

ANNUAL REPORT OF

YEAR OF REPORT  
31-Dec-19

UTILITIES, INC. OF FLORIDA - All systems Combined  
(Exact Name of Utility)

County: Various

List below the exact mailing address of the utility for which normal correspondence should be sent:

200 WEATHERSFIELD AVE  
ALTAMONTE SPRINGS, FL 32714

Telephone: 800-272-1919

E Mail Address: NONE

WEB Site: NONE

Sunshine State One-Call of Florida, Inc. Member Number LPU487

Name and address of person to whom correspondence concerning this report should be addressed:

JARED DEASON  
200 WEATHERSFIELD AVE  
ALTAMONTE SPRINGS, FL 32714

Telephone: 850-643-7326

List below the address of where the utility's books and records are located:

200 WEATHERSFIELD AVE  
ALTAMONTE SPRINGS, FL 32714

Telephone: 850-643-7326

List below any groups auditing or reviewing the records and operations:

ERNST & YOUNG LLP

Date of original organization of the utility: 10/15/1975

Check the appropriate business entity of the utility as filed with the Internal Revenue Service

Individual  Partnership  Sub S Corporation  1120 Corporation

List below every corporation or person owning or holding directly or indirectly 5% or more of the voting securities of the utility:

	Name	Percent Ownership
1.	CORIX U.S. Regulated Utilities	100%
2.		
3.		
4.		
5.		
6.		
7.		
8.		





**COMPANY PROFILE**

Provide a brief narrative company profile which covers the following areas:

- A. Brief company history.
- B. Public services rendered.
- C. Major goals and objectives.
- D. Major operating divisions and functions.
- E. Current and projected growth patterns.
- F. Major transactions having a material effect on operations.

- |   |
|---|
| <ul style="list-style-type: none"><li>A. The company was incorporated on October 15, 1975 and began operations on January 1, 1976. Subdivisions were acquired over time. All Florida system reorganized on January 1, 2016 to encompass all Florida systems and subdivisions.</li><li>B. The Company provides water and sewer utility services.</li><li>C. Maintain a high quality of service and to acquire other water and sewer facilities as feasible.</li><li>D. See attached schedule. We also have an office that services customers in Florida at:<br/>200 Weathersfield Avenue<br/>Altamonte Springs, FL 32714</li><li>E. There is a pattern of modest growth for a number of years and we expect it to continue in the future.</li><li>F. No significant transactions occurred in the current year.</li></ul> |
|---|

**PARENT / AFFILIATE ORGANIZATION CHART**

Current as of                      12/31/2019

Complete below an organizational chart that show all parents, subsidiaries and affiliates of the utility.  
The chart must also show the relationship between the utility and affiliates listed on E-7, E-10(a) and E-10(b).

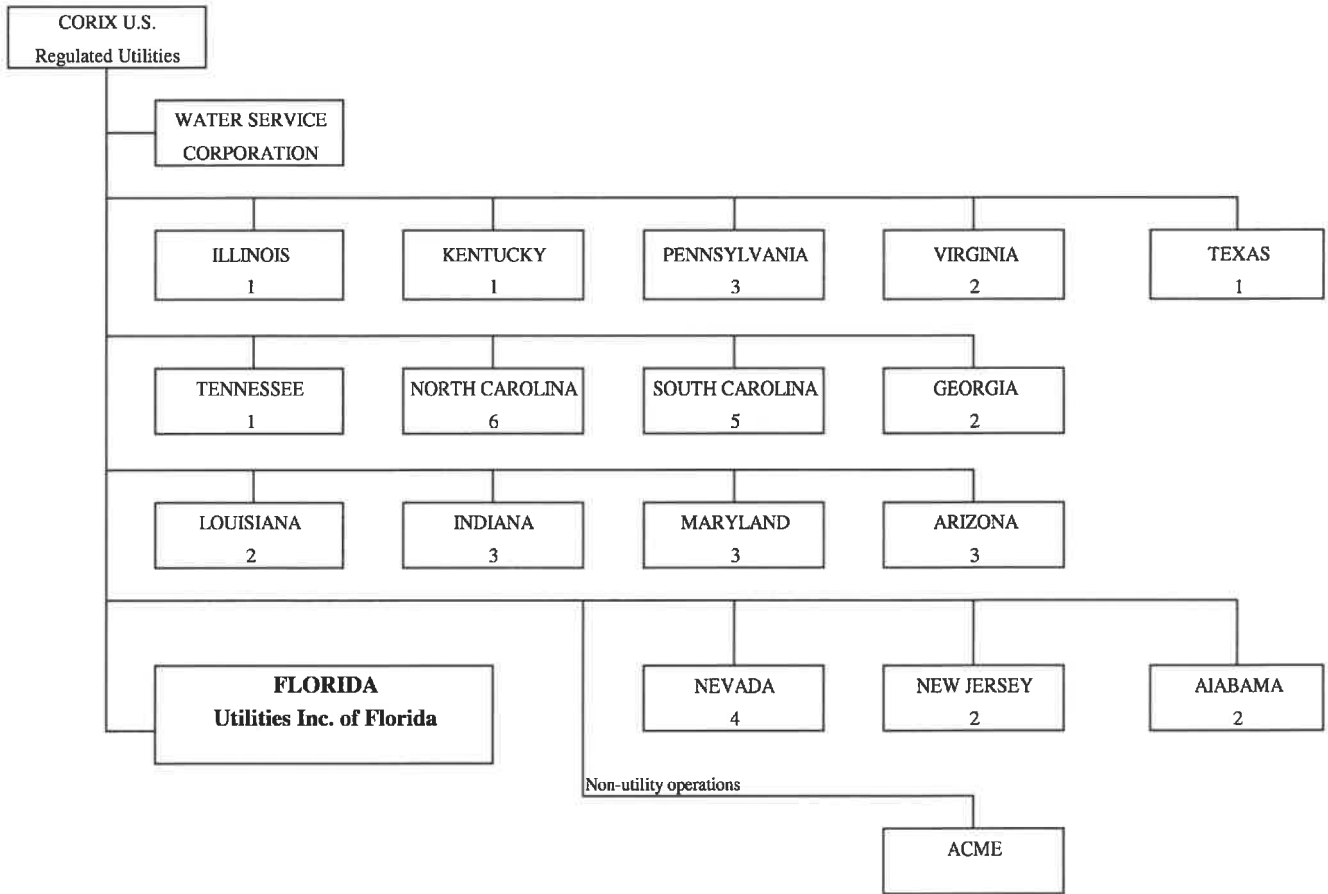
CORIX U.S. Regulated Utilities -- PARENT COMPANY

WATER SERVICE CORP. -- SERVICE COMPANY SUPPLYING MOST  
SERVICES REQUIRED BY UTILITY. (.e. Customer Service, Billing, Human Resources, etc.)

UTILITIES INC. of FLORIDA -- provides for the operations of water and wastewater service in Florida  
staff.

SEE ATTACHED

**Parent And Affiliate Organizational Chart**



Corix U.S. Regulated Utilities (CUSRU) - Parent Company

WATER SERVICE CORP. - Service organization providing administrative and other service functions for the utility.

NOTE: Within each state except Florida is the number of companies owned.

**COMPENSATION OF OFFICERS**

For each officer, list the time spent on respondent as an officer compared to time spent on total business activities and the compensation received as an officer from the respondent.			
NAME (a)	TITLE (b)	% OF TIME SPENT AS OFFICER OF THE UTILITY (c)	OFFICERS' COMPENSATION (d)
Gary Rudkin	President	N/A	\$ N/A
Patrick Flynn	Vice President Operations	N/A	N/A
Allen Wilt	Vice President and Secretary	N/A	N/A
Amy Robinson	Assistant Secretary	N/A	N/A
Jim Andrejko	Treasurer	N/A	N/A
		N/A	N/A

**COMPENSATION OF DIRECTORS**

For each director, list the number of director meetings attended by each director and the compensation received as a director from the respondent.			
NAME (a)	TITLE (b)	NUMBER OF DIRECTORS' MEETINGS ATTENDED (c)	DIRECTORS' COMPENSATION (d)
Lisa Sparrow	Chairman & CEO	0	\$ N/A
Katherine Heigel	Chief Operating Officer (COO)	0	N/A
Lisa Sparrow	Director	0	N/A
Katherine Heigel	Director	0	N/A
Allen Wilt	Director	0	N/A

**BUSINESS CONTRACTS WITH OFFICERS, DIRECTORS AND AFFILIATES**

List all contracts, agreements, or other business arrangements* entered into during the calendar year (other than compensation related to position with Respondents) between the Respondent and officer and director listed on page E-6. In addition, provide the same information with respect to professional services for each firm, partnership, or organization with which the officer or director is affiliated.				
<b>NAME OF OFFICER, DIRECTOR OR AFFILIATE</b> (a)	<b>IDENTIFICATION OF SERVICE OR PRODUCT</b> (b)	<b>AMOUNT</b> (c)	<b>NAME AND ADDRESS OF AFFILIATED ENTITY</b> (d)	
NO BUSINESS CONTRACTS, AGREEMENTS OR OTHER ARRANGEMENTS WERE ENTERED INTO DURING THE CURRENT YEAR BY THE OFFICERS LISTED ON PAGE E6, THE DIRECTORS OR AFFILIATES.		\$ _____		
			_____	
			_____	
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			_____	
			_____	

\* Business Agreement, for this schedule, shall mean any oral or written business deal which binds the concerned parties for products or services during the reporting year or future years. Although the Respondent and/or other companies will benefit from the arrangement, the officer or director is, however, acting on his behalf or for the benefit of other companies or persons.

**AFFILIATION OF OFFICERS AND DIRECTORS**

For each of the officials listed on page E-6, list the principle occupation or business affiliations or connections with any other business or financial organizations, firms, or partnerships. For purposes of this part, an official will be considered to have an affiliation with any business or financial organization, firm or partnership in which he is an officer, director, trustee, partner, or a person exercising similar functions.			
NAME (a)	PRINCIPLE OCCUPATION OR BUSINESS AFFILIATION (b)	AFFILIATION OR CONNECTION (c)	NAME AND ADDRESS OF AFFILIATION OR CONNECTION (d)
Lisa Sparrow	Chairman & CEO	DIRECTOR	CUSRU & SUBSIDIARIES CHICAGO IL
Katherine Heigel	Chief Operating Officer (COO)	DIRECTOR	CUSRU & SUBSIDIARIES CHICAGO IL
Lisa Sparrow	Director	DIRECTOR	CUSRU & SUBSIDIARIES CHICAGO IL
Katherine Heigel	Director	DIRECTOR	CUSRU & SUBSIDIARIES CHICAGO IL
Allen Wilt	Director	DIRECTOR	CUSRU & SUBSIDIARIES CHICAGO IL
Gary Rudkin	President	OFFICER	CUSRU & SUBSIDIARIES CHICAGO IL
Patrick Flynn	Vice President Operations	OFFICER	CUSRU & SUBSIDIARIES CHICAGO IL
Allen Wilt	Vice President and Secretary	OFFICER	CUSRU & SUBSIDIARIES CHICAGO IL
Amy Robinson	Assistant Secretary	OFFICER	CUSRU & SUBSIDIARIES CHICAGO IL
Jim Andrejko	Treasurer	OFFICER	CUSRU & SUBSIDIARIES CHICAGO IL









# **FINANCIAL SECTION**

**COMPARATIVE BALANCE SHEET  
ASSETS AND OTHER DEBITS**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
<b>UTILITY PLANT</b>				
101-106	Utility Plant	F-7	\$ 250,913,277	\$ 262,855,217
108-110	Less: Accumulated Depreciation and Amortization	F-8	105,572,374	112,283,913
Net Plant			\$ 145,340,903	\$ 150,571,303
114-115	Utility Plant Acquisition adjustment (Net)	F-7	1,318,368	1,333,706
116 *	Other Utility Plant Adjustments		57,066	57,066
Total Net Utility Plant			\$ 146,716,337	\$ 151,962,075
<b>OTHER PROPERTY AND INVESTMENTS</b>				
121	Nonutility Property	F-9	\$ -	\$ -
122	Less: Accumulated Depreciation and Amortization		-	-
Net Nonutility Property			\$	\$
123	Investment In Associated Companies	F-10	-	-
124	Utility Investments	F-10	-	-
125	Other Investments	F-10	-	-
126-127	Special Funds	F-10	-	-
Total Other Property & Investments			\$ -	\$ -
<b>CURRENT AND ACCRUED ASSETS</b>				
131	Cash		\$ 3,000	\$ 3,000
132	Special Deposits	F-9	16,648	16,648
133	Other Special Deposits	F-9	-	-
134	Working Funds		-	-
135	Temporary Cash Investments		-	-
141-144	Accounts and Notes Receivable, Less Accumulated Provision for Uncollectible Accounts	F-11	4,130,665	4,295,697
145	Accounts Receivable from Associated Companies	F-12	27,213,313	31,188,735
146	Notes Receivable from Associated Companies	F-12	-	-
151-153	Material and Supplies		101,304	127,623
161	Stores Expense		-	-
162	Prepayments		5,342	1,068
171	Accrued Interest and Dividends Receivable		-	-
172 *	Rents Receivable		-	-
173 *	Accrued Utility Revenues		-	-
174	Misc. Current and Accrued Assets	F-12	-	-
Total Current and Accrued Assets			\$ 31,470,272	\$ 35,632,771

\* Not Applicable for Class B Utilities

**COMPARATIVE BALANCE SHEET  
ASSETS AND OTHER DEBITS**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
<b>DEFERRED DEBITS</b>				
181	Unamortized Debt Discount & Expense	F-13	\$ -	\$ -
182	Extraordinary Property Losses	F-13	-	-
183	Preliminary Survey & Investigation Charges		-	-
184	Clearing Accounts		-	-
185 *	Temporary Facilities		-	-
186	Misc. Deferred Debits	F-14	1,988,982	2,382,816
187 *	Research & Development Expenditures		-	-
190	Accumulated Deferred Income Taxes		-	-
Total Deferred Debits			\$ 1,988,982	\$ 2,382,816
<b>TOTAL ASSETS AND OTHER DEBITS</b>			<b>\$ 180,175,591</b>	<b>\$ 189,977,662</b>

\* Not Applicable for Class B Utilities

**NOTES TO THE BALANCE SHEET**

The space below is provided for important notes regarding the balance sheet.

**COMPARATIVE BALANCE SHEET  
EQUITY CAPITAL AND LIABILITIES**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
<b>EQUITY CAPITAL</b>				
201	Common Stock Issued	F-15	\$ 200,000	\$ 201,000
204	Preferred Stock Issued	F-15	-	-
202, 205 *	Capital Stock Subscribed		-	-
203, 206 *	Capital Stock Liability for Conversion		-	-
207 *	Premium on Capital Stock		-	-
209 *	Reduction in Par or Stated Value of Capital Stock		-	-
210 *	Gain on Resale or Cancellation of Reacquired Capital Stock		-	-
211	Other Paid - In Capital		86,770,640	86,770,640
212	Discount On Capital Stock		-	-
213	Capital Stock Expense		-	-
214-215	Retained Earnings	F-16	29,273,439	35,474,951
216	Reacquired Capital Stock		-	-
218	Proprietary Capital (Proprietorship and Partnership Only)		-	-
Total Equity Capital			\$ 116,244,079	\$ 122,446,591
<b>LONG TERM DEBT</b>				
221	Bonds	F-15	-	-
222 *	Reacquired Bonds		-	-
223	Advances from Associated Companies	F-17	(22,364,545)	(22,364,545)
224	Other Long Term Debt	F-17	-	-
Total Long Term Debt			\$ (22,364,545)	\$ (22,364,545)
<b>CURRENT AND ACCRUED LIABILITIES</b>				
231	Accounts Payable		1,345,604	1,677,012
232	Notes Payable	F-18	-	-
233	Accounts Payable to Associated Companies	F-18	38,161,029	39,095,191
234	Notes Payable to Associated Companies	F-18	-	-
235	Customer Deposits		250,225	249,481
236	Accrued Taxes		603,958	845,105
237	Accrued Interest	F-19	74,518	84,033
238	Accrued Dividends		-	-
239	Matured Long Term Debt		-	-
240	Matured Interest		-	-
241	Miscellaneous Current & Accrued Liabilities	F-20	-	27,907
Total Current & Accrued Liabilities			\$ 40,435,333	\$ 41,978,729

\* Not Applicable for Class B Utilities

**COMPARATIVE BALANCE SHEET  
EQUITY CAPITAL AND LIABILITIES**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
<b>DEFERRED CREDITS</b>				
251	Unamortized Premium On Debt	F-13	\$ -	\$ -
252	Advances For Construction	F-20	35,452	35,452
253	Other Deferred Credits	F-21	5,648,473	5,648,277
255	Accumulated Deferred Investment Tax Credits		74,621	72,265
Total Deferred Credits			\$ <u>5,758,546</u>	\$ <u>5,755,994</u>
<b>OPERATING RESERVES</b>				
261	Property Insurance Reserve		\$ -	\$ -
262	Injuries & Damages Reserve		-	-
263	Pensions and Benefits Reserve		-	-
265	Miscellaneous Operating Reserves		-	-
Total Operating Reserves			\$ <u>-</u>	\$ <u>-</u>
<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>				
271	Contributions in Aid of Construction	F-22	\$ 83,901,565	\$ 88,870,869
272	Accumulated Amortization of Contributions in Aid of Construction	F-22	51,041,506	52,663,461
Total Net C.I.A.C.			\$ <u>32,860,059</u>	\$ <u>36,207,408</u>
<b>ACCUMULATED DEFERRED INCOME TAXES</b>				
281	Accumulated Deferred Income Taxes - Accelerated Depreciation		\$ 9,854,529	\$ 9,942,609
282	Accumulated Deferred Income Taxes - Liberalized Depreciation		-	-
283	Accumulated Deferred Income Taxes - Other		(2,612,409)	(3,989,124)
Total Accumulated Deferred Income Tax			\$ <u>7,242,120</u>	\$ <u>5,953,485</u>
<b>TOTAL EQUITY CAPITAL AND LIABILITIES</b>			\$ <u>180,175,591</u>	\$ <u>189,977,662</u>

**COMPARATIVE OPERATING STATEMENT**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR * (e)
<b>UTILITY OPERATING INCOME</b>				
400	Operating Revenues	F-3(b)	\$ 35,825,351	\$ 37,283,668
469, 530	Less: Guaranteed Revenue and AFPI	F-3(b)	(578,142)	(742,977)
Net Operating Revenues			\$ 35,247,209	\$ 36,540,691
401	Operating Expenses	F-3(b)	\$ 18,247,744	\$ 19,153,745
403	Depreciation Expense:	F-3(b)	\$ 7,930,922	\$ 9,043,896
	Less: Amortization of CIAC	F-22	(2,285,689)	(2,385,456)
Net Depreciation Expense			\$ 5,645,233	\$ 6,658,441
406	Amortization of Utility Plant Acquisition Adjustment	F-3(b)	(20,999)	(22,887)
407	Amortization Expense (Other than CIAC)	F-3(b)	-	-
408	Taxes Other Than Income	W/S-3	3,111,390	3,525,875
409	Current Income Taxes	W/S-3	321,664	277,252
410.10	Deferred Federal Income Taxes	W/S-3	1,406,787	(1,145,013)
410.11	Deferred State Income Taxes	W/S-3	164,174	(144,985)
411.10	Provision for Deferred Income Taxes - Credit	W/S-3	-	-
412.10	Investment Tax Credits Deferred to Future Periods	W/S-3	-	-
412.11	Investment Tax Credits Restored to Operating Income	W/S-3	(2,356)	(2,356)
Utility Operating Expenses			\$ 28,873,637	\$ 28,300,072
Net Utility Operating Income			\$ 6,373,572	\$ 8,240,619
469, 530	Add Back: Guaranteed Revenue and AFPI	F-3(b)	578,142	742,977
413	Income From Utility Plant Leased to Others		-	-
414	Gains (losses) From Disposition of Utility Property		49,062	49,932
420	Allowance for Funds Used During Construction		1,397,434	189,035
Total Utility Operating Income [Enter here and on Page F-3(c)]			\$ 8,398,211	\$ 9,222,562

\* For each account, Column e should agree with Columns f, g and h on F-3(b)



**COMPARATIVE OPERATING STATEMENT (Cont'd)**

<b>WATER SCHEDULE W-3 * (f)</b>	<b>WASTEWATER SCHEDULE S-3 * (g)</b>	<b>OTHER THAN REPORTING SYSTEMS (h)</b>
\$ 16,420,734 -	\$ 20,862,933 (742,977)	\$ -
\$ 16,420,734	\$ 20,119,957	\$ -
\$ 8,659,460	\$ 10,494,286	\$ -
3,970,196 (1,068,816)	5,073,700 (1,316,640)	-
\$ 2,901,380	\$ 3,757,060	\$ -
(23,395)	509	-
-	-	-
1,838,391	1,687,484	-
144,559	132,693	-
(597,010)	(548,003)	-
(75,595)	(69,390)	-
-	-	-
-	-	-
(1,228)	(1,128)	-
\$ 12,846,561	\$ 15,453,511	\$ -
\$ 3,574,173	\$ 4,666,446	\$ -
-	742,977	-
-	-	-
26,034	23,897	-
98,563	90,472	-
\$ 3,698,770	\$ 5,523,792	\$ -

\* Total of Schedules W-3 / S-3 for all rate groups.

**COMPARATIVE OPERATING STATEMENT (Cont'd)**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	PREVIOUS YEAR (d)	CURRENT YEAR (e)
Total Utility Operating Income [from page F-3(a)]			\$ <u>8,398,211</u>	\$ <u>9,222,562</u>
<b>OTHER INCOME AND DEDUCTIONS</b>				
415	Revenues-Merchandising, Jobbing, and Contract Deductions		\$ -	\$ -
416	Costs & Expenses of Merchandising Jobbing, and Contract Work		-	-
419	Interest and Dividend Income		-	-
421	Nonutility Income		-	-
426	Miscellaneous Nonutility Expenses		-	-
Total Other Income and Deductions			\$ -	\$ -
<b>TAXES APPLICABLE TO OTHER INCOME</b>				
408.2	Taxes Other Than Income		\$ -	\$ -
409.2	Income Taxes		-	-
410.2	Provision for Deferred Income Taxes		-	-
411.2	Provision for Deferred Income Taxes - Credit		-	-
412.2	Investment Tax Credits - Net		-	-
412.3	Investment Tax Credits Restored to Operating Income		-	-
Total Taxes Applicable To Other Income			\$ -	\$ -
<b>INTEREST EXPENSE</b>				
427	Interest Expense	F-19	\$ 2,839,040	\$ 2,997,896
428	Amortization of Debt Discount & Expense	F-13	-	-
429	Amortization of Premium on Debt	F-13	-	-
Total Interest Expense			\$ 2,839,040	\$ 2,997,896
<b>EXTRAORDINARY ITEMS</b>				
433	Extraordinary Income		\$ -	\$ -
434	Extraordinary Deductions		(165)	-
409.3	Income Taxes, Extraordinary Items		-	-
Total Extraordinary Items			\$ (165)	\$ -
<b>NET INCOME</b>			<b>\$ <u>5,559,336</u></b>	<b>\$ <u>6,224,666</u></b>

Explain Extraordinary Income:

NONE

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UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

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**SCHEDULE OF YEAR END RATE BASE**

ACCT. NO. (a)	ACCOUNT NAME (b)	REF. PAGE (c)	WATER UTILITY (d)	WASTEWATER UTILITY (e)
101	Utility Plant In Service	F-7	\$ 119,250,368	\$ 140,781,190
	Less: Nonused and Useful Plant (1)			1,208,354
108	Accumulated Depreciation	F-8	48,278,419	64,005,494
110	Accumulated Amortization	F-8	-	-
271	Contributions In Aid of Construction	F-22	43,077,268	45,793,601
252	Advances for Construction	F-20	(36,767)	-
Subtotal			\$ 27,931,448	\$ 29,773,741
272	Add: Accumulated Amortization of Contributions in Aid of Construction	F-22	21,433,456	31,230,006
Subtotal			\$ 49,364,903	\$ 61,003,747
114	Plus or Minus: Acquisition Adjustments (2)	F-7	56,355	1,236,461
115	Accumulated Amortization of Acquisition Adjustments (2)	F-7	204,823	(163,934)
	Working Capital Allowance (3)		1,886,372	1,731,464
	Other (Specify): _____ _____ _____			
<b>RATE BASE</b>			\$ 51,102,807	\$ 64,135,606
<b>NET UTILITY OPERATING INCOME</b>			\$ 3,574,173	\$ 4,666,446
<b>ACHIEVED RATE OF RETURN (Operating Income / Rate Base)</b>			6.99%	7.28%

**NOTES :**

**SCHEDULE OF CURRENT COST OF CAPITAL  
CONSISTENT WITH THE METHODOLOGY USED IN THE LAST RATE PROCEEDING (1)**

CLASS OF CAPITAL (a)	DOLLAR AMOUNT (2) (b)	PERCENTAGE OF CAPITAL (c)	ACTUAL COST RATES (3) (d)	WEIGHTED COST (c x d) (e)
Common Equity	\$ 54,273,978	47.10%	10.40%	4.90%
Preferred Stock	-	0.00%	0.00%	0.00%
Long Term Debt	47,124,665	40.89%	5.76%	2.36%
Short Term Debt	7,636,803	6.63%	2.81%	0.19%
Customer Deposits	249,481	0.22%	2.00%	0.00%
Tax Credits - Zero Cost	-	0.00%	0.00%	0.00%
Tax Credits - Weighted Cost	-	0.00%	0.00%	0.00%
Deferred Income Taxes	5,953,485	5.17%	0.00%	0.00%
Other (Explain) Short Term Debt	-	0.00%	0.00%	0.00%
<b>Total</b>	<b>\$ 115,238,413</b>	<b>100.00%</b>		<b>7.45%</b>

1 If the utility's capital structure is not used, explain which capital structure is used.

\_\_\_\_\_

\_\_\_\_\_

2 Should equal amounts on Schedule F-6, Column (g).

3 Mid-point of the last authorized Return On Equity or current leverage formula if none has been established.

Must be calculated using the same methodology used in the last rate proceeding using current annual report year end amounts and cost rates.

**APPROVED RETURN ON EQUITY**

Current Commission Return on Equity:	<u>10.40%</u>
Commission order approving Return on Equity:	<u>PSC-2017-0361-FOF-WS</u>

**APPROVED AFUDC RATE**

COMPLETION ONLY REQUIRED IF AFUDC WAS CHARGED DURING YEAR

Current Commission Approved AFUDC rate:	<u>9.03%</u>
Commission order approving AFUDC rate:	<u>PSC-04-0262-PAA-WS</u>

If any utility capitalized any charge in lieu of AFUDC (such as interest only), state the basis of the charge, an explanation as to why AFUDC was not charged and the percentage capitalized.

SCHEDULE OF CAPITAL STRUCTURE ADJUSTMENTS  
CONSISTENT WITH THE METHODOLOGY USED IN THE LAST RATE PROCEEDING

CLASS OF CAPITAL (a)	PER BOOK BALANCE (b)	NON-UTILITY ADJUSTMENTS (c)	NON-JURISDICTIONAL ADJUSTMENTS (d)	OTHER (1) ADJUSTMENTS SPECIFIC (e)	OTHER (1) ADJUSTMENTS PRO RATA (f)	CAPITAL STRUCTURE (g)
Common Equity	\$ 291,382,792	\$			\$ (237,108,814)	\$ 54,273,978
Preferred Stock	-					-
Long Term Debt	253,000,000				(205,875,335)	47,124,665
Short Term Debt	41,000,000				(33,363,197)	7,636,803
Customer Deposits	249,481					249,481
Tax Credits - Zero Cost	-					-
Tax Credits - Weighted Cost	-					-
Deferred Inc. Taxes	5,953,485					5,953,485
Other (Explain) Short Term Debt	-					-
<b>Total</b>	<b>\$ 591,585,758</b>	<b>\$</b>			<b>\$ (476,347,345)</b>	<b>\$ 115,238,413</b>

(1) Explain below all adjustments made in Columns (e) and (f):

NOT APPLICABLE

UTILITY PLANT  
ACCOUNTS 101 - 106

ACCT. (a)	DESCRIPTION (b)	WATER (c)	WASTEWATER (d)	OTHER THAN REPORTING SYSTEMS (e)	TOTAL (f)
101	Plant Accounts: Utility Plant In Service	\$ 119,250,368	\$ 140,781,190	\$	\$ 260,031,558
102	Utility Plant Leased to Other				-
103	Property Held for Future Use	-	242,963		242,963
104	Utility Plant Purchased or Sold				-
105	Construction Work in Progress	1,486,335	1,094,360		2,580,696
106	Completed Construction Not Classified				-
	Total Utility Plant	\$ 120,736,703	\$ 142,118,513	\$ -	\$ 262,855,217

UTILITY PLANT ACQUISITION ADJUSTMENTS  
ACCOUNTS 114 AND 115

Report each acquisition adjustment and related accumulated amortization separately.  
For any acquisition adjustments approved by the Commission, include the Order Number.

ACCT. (a)	DESCRIPTION (b)	WATER (c)	WASTEWATER (d)	OTHER THAN REPORTING SYSTEMS (e)	TOTAL (f)
114	Acquisition Adjustment	\$ 56,355	1,236,461		1,292,816
	Total Plant Acquisition Adjustments	\$ 56,355	\$ 1,236,461	\$ -	\$ 1,292,816
115	Beginning Bal	\$ 181,428	\$ (163,425)	\$	\$ 18,003
	Accumulated Amortization	23,395	(509)		
	Accruals charged during year	-	-		
	Total Accumulated Amortization	\$ 204,823	\$ (163,934)	\$ -	\$ 40,889
	Net Acquisition Adjustments	\$ 261,179	\$ 1,072,527	\$ -	\$ 1,333,706

**ACCUMULATED DEPRECIATION ( ACCT. 108 ) AND AMORTIZATION (ACCT. 110)**

DESCRIPTION (a)	WATER (b)	WASTEWATER (c)	OTHER THAN REPORTING SYSTEMS (d)	TOTAL (e)
<b>ACCUMULATED DEPRECIATION</b>				
Account 108				
Balance first of year	\$ 48,925,198	\$ 60,889,117	\$ -	\$ 109,814,316
Credit during year:				
Accruals charged to:				
Account 108.1 (1)	\$ 3,970,196	\$ 5,073,700	\$ -	\$ 9,043,896
Account 108.2 (2)	-	-	-	-
Account 108.3 (2)	-	-	-	-
Other Accounts (specify):	(4,198,814)	(1,368,278)	-	(5,567,093)
Beginning Balance Adj	-	-	-	-
Other Credits (Specify):	-	-	-	-
Total Credits	\$ (228,618)	\$ 3,705,422	\$ -	\$ 3,476,804
Debits during year:				
Book cost of plant retired	418,161	589,045	-	1,007,206
Cost of Removal	-	-	-	-
Other Debits (specify):	-	-	-	-
Total Debits	\$ 418,161	\$ 589,045	\$ -	\$ 1,007,206
Balance end of year	\$ 48,278,419	\$ 64,005,494	\$ -	\$ 112,283,913
<b>ACCUMULATED AMORTIZATION</b>				
Account 110				
Balance first of year	\$ -	-	-	-
Credit during year:				
Accruals charged to:				
Account 110.2 (2)	-	-	-	-
Other Accounts (specify):	-	-	-	-
Total credits	\$ -	\$ -	\$ -	\$ -
Debits during year:				
Book cost of plant retired	-	-	-	-
Other debits (specify):	-	-	-	-
Total Debits	\$ -	\$ -	\$ -	\$ -
Balance end of year	\$ -	\$ -	\$ -	\$ -

- 1 Account 108 for Class B utilities.
- 2 Not applicable for Class B utilities.
- 3 Account 110 for Class B utilities.

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
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**REGULATORY COMMISSION EXPENSE  
AMORTIZATION OF RATE CASE EXPENSE (ACCOUNTS 666 AND 766)**

DESCRIPTION OF CASE (DOCKET NO.) (a)	EXPENSE INCURRED DURING YEAR (b)	CHARGED OFF DURING YEAR	
		ACCT. (d)	AMOUNT (e)
_____	\$ _____	_____	\$ 347,677
_____	_____	_____	_____
_____	_____	_____	_____
Total	\$ _____	_____	\$ 347,677

**NONUTILITY PROPERTY (ACCOUNT 121)**

Report separately each item of property with a book cost of \$25,000 or more included in Account 121.  
Other Items may be grouped by classes of property.

DESCRIPTION (a)	BEGINNING YEAR (b)	ADDITIONS (c)	REDUCTIONS (d)	ENDING YEAR BALANCE (e)
NONE	\$ _____	\$ _____	\$ _____	\$ -
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Total Nonutility Property	\$ _____	\$ _____	\$ _____	\$ -

**SPECIAL DEPOSITS ( ACCOUNTS 132 AND 133)**

Report hereunder all special deposits carried in Accounts 132 and 133.

DESCRIPTION OF SPECIAL DEPOSITS (a)	YEAR END BOOK COST (b)
SPECIAL DEPOSITS (Account 132): _____ _____	\$ 16,648
Total Special Deposits	\$ 16,648
OTHER SPECIAL DEPOSITS (Account 133): NONE _____ _____	\$ -
Total Other Special Deposits	\$ -



**INVESTMENTS AND SPECIAL FUNDS**  
**ACCOUNTS 123 - 127**

Report hereunder all investments and special funds carried in Accounts 123 through 127.

DESCRIPTION OF SECURITY OR SPECIAL FUND (a)	FACE OR PAR VALUE (b)	YEAR END BOOK COST (c)
INVESTMENT IN ASSOCIATED COMPANIES (Account 123): NONE <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	\$ _____ _____ _____ _____ _____ _____	\$ _____ - _____ _____ _____ _____ _____
Total Investment in Associated Companies		\$ _____ -
UTILITY INVESTMENTS (Account 124): NONE <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	\$ _____ _____ _____ _____ _____ _____	\$ _____ - _____ _____ _____ _____ _____
Total Utility Investment		\$ _____ -
OTHER INVESTMENTS (Account 125): NONE <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	\$ _____ _____ _____ _____ _____ _____	\$ _____ - _____ _____ _____ _____ _____
Total Other Investment		\$ _____ -
SPECIAL FUNDS (Class A Utilities: Accounts 126 and 127; Class B Utilities: Account 127): NONE <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	\$ _____ _____ _____ _____ _____ _____	\$ _____ - _____ _____ _____ _____ _____
Total Special Funds		\$ _____ -

**ACCOUNTS AND NOTES RECEIVABLE - NET**  
**ACCOUNTS 141 - 144**

Report hereunder all accounts and notes receivable included in Accounts 141, 142, and 144. Amounts included in  
Amounts included in Accounts 142 and 144 should be listed individually.

DESCRIPTION (a)		TOTAL (b)
<b>CUSTOMER ACCOUNTS RECEIVABLE (Account 141):</b>		
Water	\$ 2,292,338	
Wastewater	2,104,168	
Other	2,809	
<b>Total Customer Accounts Receivable</b>		\$ 4,399,314
<b>OTHER ACCOUNTS RECEIVABLE ( Account 142):</b>		
_____	\$ _____	
_____	_____	
_____	_____	
<b>Total Other Accounts Receivable</b>		\$ -
<b>NOTES RECEIVABLE (Account 144 ):</b>		
_____	\$ _____	
_____	_____	
_____	_____	
<b>Total Notes Receivable</b>		\$ -
<b>Total Accounts and Notes Receivable</b>		\$ <u>4,399,314</u>
<b>ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS ( Account 143 )</b>		
Balance first of year	\$	
Provision for uncollectibles for current year	\$ (103,617)	
Collection of accounts previously written off	_____	
Utility Accounts	_____	
Others	_____	
<b>Total Additions</b>		\$ (103,617)
<b>Deduct accounts written off during year:</b>		
Utility Accounts	_____	
Others	_____	
<b>Total accounts written off</b>		\$ -
<b>Balance end of year</b>		\$ <u>(103,617)</u>
<b>TOTAL ACCOUNTS AND NOTES RECEIVABLE - NET</b>		\$ <u><u>4,295,697</u></u>

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
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**ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES**  
**ACCOUNT 145**

Report each account receivable from associated companies separately.

DESCRIPTION (a)	TOTAL (b)
Water Service Corp.	\$ 31,188,735
Total	\$ <u>31,188,735</u>

**NOTES RECEIVABLE FROM ASSOCIATED COMPANIES**  
**ACCOUNT 146**

Report each note receivable from associated companies separately.

DESCRIPTION (a)	INTEREST RATE (b)	TOTAL (c)
NONE	%	\$ -
	%	
	%	
	%	
	%	
	%	
	%	
	%	
	%	
Total		\$ <u>-</u>

**MISCELLANEOUS CURRENT AND ACCRUED ASSETS**  
**ACCOUNT 174**

DESCRIPTION - Provide itemized listing (a)	BALANCE END OF YEAR (b)
NONE	\$ -
Total Miscellaneous Current and Accrued Assets	\$ <u>-</u>

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

**UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND PREMIUM ON DEBT  
ACCOUNTS 181 AND 251**

Report the net discount and expense or premium separately for each security issue.

DESCRIPTION (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
UNAMORTIZED DEBT DISCOUNT AND EXPENSE (Account 181): NONE	\$ _____	\$ _____ -
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Unamortized Debt Discount and Expense	\$ _____	\$ _____ -
UNAMORTIZED PREMIUM ON DEBT (Account 251):	\$ _____	\$ _____ -
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Unamortized Premium on Debt	\$ _____	\$ _____ -

**EXTRAORDINARY PROPERTY LOSSES  
ACCOUNT 182**

Report each item separately.

DESCRIPTION (a)	TOTAL (b)
NONE	\$ _____ -
_____	_____
_____	_____
Total Extraordinary Property Losses	\$ _____ -

**MISCELLANEOUS DEFERRED DEBITS  
ACCOUNT 186**

DESCRIPTION - Provide itemized listing (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
DEFERRED RATE CASE EXPENSE (Class A Utilities: Account 186.1)		
<u>RATE CASE</u>	\$ <u>347,677</u>	\$ <u>509,441</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Deferred Rate Case Expense	\$ <u>347,677</u>	\$ <u>509,441</u>
OTHER DEFERRED DEBITS (Class A Utilities: Account 186.2):		
<u>OTHER DEFERRED MAINTENANCE (NONE)</u>	\$ <u>190,811</u>	\$ <u>611,926</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Other Deferred Debits	\$ <u>190,811</u>	\$ <u>611,926</u>
REGULATORY ASSETS (Class A Utilities: Account. 186.3):		
<u>Sandalhaven, Summertree, Shadowhills Early Retirements</u>	\$ <u>148,593</u>	\$ <u>1,261,449</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total Regulatory Assets	\$ <u>148,593</u>	\$ <u>1,261,449</u>
<b>TOTAL MISCELLANEOUS DEFERRED DEBITS</b>	\$ <u><u>687,081</u></u>	\$ <u><u>2,382,816</u></u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

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**CAPITAL STOCK  
ACCOUNTS 201 AND 204\***

DESCRIPTION (a)	RATE (b)	TOTAL (c)
<b>COMMON STOCK</b>		
Par or stated value per share	_____	1
Shares authorized	_____	0
Shares issued and outstanding	_____	201,000
Total par value of stock issued	_____	\$201,000
Dividends declared per share for year	_____	0
<b>REFERRED STOCK</b>		
Par or stated value per share	_____	0
Shares authorized	_____	0
Shares issued and outstanding	_____	0
Total par value of stock issued	_____	\$0
Dividends declared per share for year	_____	0

\* Account 204 not applicable for Class B utilities.

**BONDS  
ACCOUNT 221**

DESCRIPTION OF OBLIGATION (INCLUDING DATE OF ISSUE AND DATE OF MATURITY) (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	ANNUAL RATE (b)	FIXED OR VARIABLE * (c)	
NONE	%	_____	\$ -
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
_____	%	_____	_____
<b>Total</b>			\$ _____

\* For variable rate obligations, provide the basis for the rate. (i.e., prime + 2%, etc.)

**STATEMENT OF RETAINED EARNINGS**

- 1 Dividends should be shown for each class and series of capital stock. Show amounts as dividends per share.
- 2 Show separately the state and federal income tax effect of items shown in Account No. 439.

ACCT. NO. (a)	DESCRIPTION (b)	AMOUNTS (c)
215	Unappropriated Retained Earnings: Balance Beginning of Year	\$ 29,250,285
439	Changes to Account: Adjustments to Retained Earnings ( requires Commission approval prior to use): Credits: _____	\$ _____
		_____
	Total Credits:	\$ -
	Debits: _____	\$ _____
		_____
	Total Debits:	\$ -
435	Balance Transferred from Income {income/(loss)}	\$ 6,224,666
436	Appropriations of Retained Earnings: _____	_____
		_____
	Total Appropriations of Retained Earnings	\$ _____
	Dividends Declared:	
437	Preferred Stock Dividends Declared _____	_____
438	Common Stock Dividends Declared _____	_____
		_____
	Total Dividends Declared	\$ _____
215	Year end Balance	\$ _____
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end): _____	_____
		_____
		_____
214	Total Appropriated Retained Earnings	\$ _____
Total Retained Earnings		\$ <u>35,474,951</u>
Notes to Statement of Retained Earnings:		

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

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**ADVANCES FROM ASSOCIATED COMPANIES  
ACCOUNT 223**

Report each advance separately.

DESCRIPTION (a)	TOTAL (b)
WATER SERVICE CORPORATION	\$ (22,364,545)
Total	\$ (22,364,545)

**OTHER LONG-TERM DEBT  
ACCOUNT 224**

DESCRIPTION OF OBLIGATION INCLUDING DATE OF ISSUE AND DATE OF MATURITY (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	ANNUAL RATE (b)	FIXED OR VARIABLE * (c)	
NONE	%		\$ -
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
	%		
Total			\$ -

\* For variable rate obligations, provide the basis for the rate. (i.e.. prime + 2%, etc.)



UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

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**NOTES PAYABLE**  
**ACCOUNTS 232 AND 234**

DESCRIPTION OF OBLIGATION (INCLUDING DATE OF ISSUE AND DATE OF MATURITY) (a)	INTEREST		PRINCIPAL AMOUNT PER BALANCE SHEET (d)
	ANNUAL RATE (b)	FIXED OR VARIABLE * (c)	
NOTES PAYABLE ( Account 232): NONE	%		\$ -
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
Total Account 232			\$ _____
NOTES PAYABLE TO ASSOC. COMPANIES (Account 234): NONE	%		\$ -
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
_____	%		_____
Total Account 234			\$ _____

\* For variable rate obligations, provide the basis for the rate. (i.e.. prime + 2%, etc.)

**ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES**  
**ACCOUNT 233**

Report each account payable separately.

DESCRIPTION (a)	TOTAL (b)
WATER SERVICE CORPORATION	\$ 39,095,191
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total	\$ 39,095,191

**UTILITY NAME:** UTILITIES, INC. OF FLORIDA - All systems Combined

**ACCRUED INTEREST AND EXPENSE  
ACCOUNTS 237 AND 427**

DESCRIPTION OF DEBIT (a)	BALANCE BEGINNING OF YEAR (b)	INTEREST DURING YEAR		INTEREST PAID DURING YEAR (e)	BALANCE END OF YEAR (f)
		ACCT. DEBIT (c)	AMOUNT (d)		
ACCOUNT NO. 237.1 - Accrued Interest on Long Term Debt	\$		\$	\$	
UTILITIES INC INTERCOMPANY INTEREST	0		2,981,872	2,981,872	-
Total Account 237.1	\$ -		\$ 2,981,872	\$ 2,981,872	\$ -
ACCOUNT NO. 237.2 - Accrued Interest on Other Liabilities	\$		\$	\$	\$
Customer Deposits	74,518		9,515	-	84,033
MISC ITEMS	-				-
Total Account 237.2	\$ 74,518		\$ 9,515	\$ -	\$ 84,033
Total Account 237 (1)	\$ 74,518		\$ 2,991,387	\$ 2,981,872	\$ 84,033
INTEREST EXPENSED:					
Total accrual Account 237			\$ 2,981,872		
Short Term Interest Expense			16,024		
Net Interest Expensed to Account No. 427 (2)			\$ 2,997,896		

(1) Must agree to F-2 (a), Beginning and  
Ending Balance of Accrued Interest.

(2) Must agree to F-3 (c), Current  
Year Interest Expense

**UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined**

**MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES  
ACCOUNT 241**

DESCRIPTION - Provide itemized listing (a)	BALANCE END OF YEAR (b)
DEFERRED REVENUE	\$ 27,907
<b>Total Miscellaneous Current and Accrued Liabilities</b>	\$ 27,907

**ADVANCES FOR CONSTRUCTION  
ACCOUNT 252**

NAME OF PAYOR * (a)	BALANCE BEGINNING OF YEAR (b)	DEBITS		CREDITS (e)	BALANCE END OF YEAR (f)
		ACCT. DEBIT (c)	AMOUNT (d)		
ADV-IN-AID OF CONST-WATER	\$ (38,400)			\$	\$ (38,400)
ACC AMORT-AIA-WATER	1,633				1,633
ACC AMORT-CIA-SEWER	1,315				1,315
<b>Total</b>	\$		\$	\$	\$ (35,452)

\* Report advances separately by reporting group, designating water or wastewater in column (a).

**OTHER DEFERRED CREDITS**  
**ACCOUNT 253**

DESCRIPTION - Provide itemized listing (a)	AMOUNT WRITTEN OFF DURING YEAR (b)	YEAR END BALANCE (c)
REGULATORY LIABILITIES (Class A Utilities: Account 253.1):		
AMORT DEF CREDITS - Tax Rate Change*	\$ _____	\$ (5,648,277)
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Total Regulatory Liabilities</b>	<b>\$ _____</b>	<b>\$ (5,648,277)</b>
OTHER DEFERRED LIABILITIES (Class A Utilities: Account 253.2):		
_____	\$ _____	\$ _____ -
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Total Other Deferred Liabilities</b>	<b>\$ _____</b>	<b>\$ _____ -</b>
<b>TOTAL OTHER DEFERRED CREDITS</b>	<b>\$ _____</b>	<b>\$ (5,648,277)</b>

\* See attached Schedule for Protected and Unprotected Amounts

**CONTRIBUTIONS IN AID OF CONSTRUCTION  
ACCOUNT 271**

DESCRIPTION (a)	WATER (W-7) (b)	WASTEWATER (S-7) (c)	W & WW OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ <u>39,690,978</u>	\$ <u>44,210,587</u>	\$ <u>-</u>	\$ <u>83,901,565</u>
Add credits during year:	\$ <u>3,386,291</u>	\$ <u>1,583,014</u>	\$ <u>-</u>	\$ <u>4,969,304</u>
Less debit charged during the year	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>
Total Contribution In Aid of Construction	\$ <u><u>43,077,268</u></u>	\$ <u><u>45,793,601</u></u>	\$ <u><u>-</u></u>	\$ <u><u>88,870,869</u></u>

**ACCUMULATED AMORTIZATION OF CONTRIBUTIONS IN AID OF CONSTRUCTION  
ACCOUNT 272**

DESCRIPTION (a)	WATER (W-8(a)) (b)	WASTEWATER (S-8(a)) (c)	W & WW OTHER THAN SYSTEM REPORTING (d)	TOTAL (e)
Balance first of year	\$ <u>20,364,640</u>	\$ <u>30,676,866</u>	\$ <u>-</u>	\$ <u>51,041,506</u>
Debits during the year:	\$ <u>1,068,816</u>	\$ <u>553,139</u>	\$ <u>-</u>	\$ <u>1,621,955</u>
Credits during the year	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>
Total Accumulated Amortization of Contributions In Aid of Construction	\$ <u><u>21,433,456</u></u>	\$ <u><u>31,230,006</u></u>	\$ <u><u>-</u></u>	\$ <u><u>52,663,461</u></u>

**RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE  
INCOME FOR FEDERAL INCOME TAXES (UTILITY OPERATIONS)**

- 1 The reconciliation should include the same detail as furnished on Schedule M-1 of the federal tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount and show the computations of all tax accruals.
- 2 If the utility is a member of a group which files a consolidated federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignments or sharing of the consolidated tax among the group members.

DESCRIPTION (a)	REF. NO. (b)	AMOUNT (c)
Net income for the year	F-3(c)	\$ 6,224,666
Reconciling items for the year:		
Taxable income not reported on books:		
_____		_____
_____		_____
_____		_____
_____		_____
Deductions recorded on books not deducted for return:		
Amortization ITC		(2,356)
Current FIT		0
Current SIT		(23,977)
Deferred FIT		0
Deferred SIT		0
AFUDC - CY book equity amortization		70,353
Fines & penalties		0
Political contributions		0
Meals & entertainment		11,313
Parking lot nondeductible expenses		2,482
Book depreciation (depr,paa,ciac)		6,440,039
CIAC		5,475,208
Deferred maintenance - CY amortization		190,811
Deferred rate case - CY amortization		347,677
Miscellaneous reserves		156,241
Accrued Rent		117,674
Tenant Allowance		540,239
Organization costs - CY amortization		14,977
Bad debt reserves		3,072
Book PAA - CY amortization		(22,887)
Book gain/(loss) - acct7765 sale of assets		(49,932)
Book gain/(loss) - Book write-off of assets		159,096
Net operating loss carryforward		2,822,642
Post audit net income adjustments		(1,010,247)
Income recorded on books not included in return:		
AFUDC - CY book equity portion		(94,219.84)
Deduction on return not charged against book income:		
Tax depreciation		(7,324,291)
Deferred maintenance - CY additions		(275,343)
Deferred rate case - CY additions		(111,831)
Tax gain/(loss) on sale of assets		(204,681)
Utilization of net operating loss carryforward		(13,161,112)
State income tax		(295,599)
Computation of tax : <u>6,224,655</u>		<u>\$ (6,224,655)</u>
(6,224,655)		
- 21%		
(1,307,178)		

# **WATER OPERATION SECTION**

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

**YEAR OF REPORT**  
**31-Dec-19**

**WATER LISTING OF SYSTEM GROUPS**

List below the name of each reporting system and its certificate number. Those systems which have been consolidated under the same tariff should be assigned a group number. Each individual system which has not been consolidated should be assigned its own group number.

The water financial schedules (W-2 through W-10) should be filed for the group in total.

The water engineering schedules (W-11 through W-15) must be filed for each system in the group.

All of the following water pages (W-2 through W-15) should be completed for each group and arranged by group number.

<b>SYSTEM NAME / COUNTY</b>	<b>CERTIFICATE NUMBER</b>	<b>GROUP NUMBER</b>
<u>SUN"N LAKES LOF LAKE PLACID/HIGHLANDS</u>	<u>414W</u>	<u>          </u>
<u>CYPRESS LAKES / POLK</u>	<u>592W</u>	<u>          </u>
<u>LAKE UTILITY SERVICES NORTH / LAKE</u>	<u>496W</u>	<u>          </u>
<u>LAKE UTILITY SERVICES SOUTH / LAKE</u>	<u>496W</u>	<u>          </u>
<u>LAKE SAUNDERS / LAKE</u>	<u>496W</u>	<u>          </u>
<u>FOUR LAKES / LAKE</u>	<u>496W</u>	<u>          </u>
<u>WEATHERSFIELD / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>OAKLAND SHORES / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>LITTLE WEKIVA / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>PARK RIDGE / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>RAVENNA PARK / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>BEAR LAKE / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>JANSEN / SEMINOLE</u>	<u>278W</u>	<u>          </u>
<u>CRESCENT HEIGHTS / ORANGE</u>	<u>040W</u>	<u>          </u>
<u>DAVIS SHORES / ORANGE</u>	<u>040W</u>	<u>          </u>
<u>SUMMERTREE / PASCO</u>	<u>107W</u>	<u>          </u>
<u>ORANGWOOD / PASCO</u>	<u>107W</u>	<u>          </u>
<u>LAKE TARPON / PINELLAS</u>	<u>204W</u>	<u>          </u>
<u>GOLDEN HILLS / CROWNWOOD / MARION</u>	<u>410W</u>	<u>          </u>
<u>SANLANDO / SEMINOLE</u>	<u>247W</u>	<u>          </u>
<u>FOREST LAKE ESTAES/PASCO</u>	<u>616W</u>	<u>          </u>
<u>PENNBROOKE FAIRWAYS/LAKE</u>	<u>466 W</u>	<u>          </u>



UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> 31-Dec-19
------------------------------------

SYSTEM NAME / COUNTY : Various

**SCHEDULE OF YEAR END WATER RATE BASE**

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	WATER UTILITY (d)
101	Utility Plant In Service	W-4(b)	\$ 119,250,368
	Less:		
	Nonused and Useful Plant (1)		
108	Accumulated Depreciation	W-6(b)	48,278,419
110	Accumulated Amortization	F-8	-
271	Contributions In Aid of Construction	W-7	43,077,268
252	Advances for Construction	F-20	(36,767)
Subtotal			\$ 27,931,448
272	Add: Accumulated Amortization of Contributions in Aid of Construction	W-8(a)	\$ 21,433,456
Subtotal			\$ 49,364,903
	Plus or Minus:		
114	Acquisition Adjustments (2)	F-7	56,355
115	Accumulated Amortization of Acquisition Adjustments (2)	F-7	(204,823)
	Working Capital Allowance (3)		1,886,372
	Other (Specify):		
WATER RATE BASE			\$ 51,102,807
WATER OPERATING INCOME		W-3	\$ 3,574,173
ACHIEVED RATE OF RETURN (Water Operating Income / Water Rate Base)			<u>6.99%</u>

NOTES (1) Estimate based on the methodology used in the last rate proceeding.

(2) Include only those Acquisition Adjustments that have been approved by the Commission.

(3) Calculation consistent with last rate proceeding.

In absence of a rate proceeding, Class A utilities will use the Balance Sheet Method and Class B Utilities will use the One-eighth Operating and Maintenance Expense Method.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

Various

WATER OPERATING STATEMENT

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	CURRENT YEAR (d)
	UTILITY OPERATING INCOME		
400	Operating Revenues	W-9	\$ 16,420,734
469	Less: Guaranteed Revenue and AFPI	W-9	-
	Net Operating Revenues		\$ 16,420,734
401	Operating Expenses	W-10(a)	\$ 8,659,460
403	Depreciation Expense	W-6(a)	3,970,196
	Less: Amortization of CIAC	W-8(a)	(1,068,816)
	Net Depreciation Expense		\$ 2,901,380
406	Amortization of Utility Plant Acquisition Adjustment	F-7	(23,395)
407	Amortization Expense (Other than CIAC)	F-8	-
408.1	Taxes Other Than Income		
	Utility Regulatory Assessment Fee		884,114
408.11	Property Taxes		722,524
408.12	Payroll Taxes		230,986
408.13	Other Taxes and Licenses		767
408	Total Taxes Other Than Income		\$ 1,838,391
409.1	Income Taxes		144,559
410.1	Deferred Federal Income Taxes		(597,010)
410.11	Deferred State Income Taxes		(75,595)
411.1	Deferred Income Taxes - Credit		-
412.1	Investment Tax Credits Deferred to Future Periods		-
412.11	Investment Tax Credits Amortized		(1,228)
	Utility Operating Expenses		\$ 12,846,561
	Utility Operating Income		\$ 3,574,173
469	Add Back:		
	Guaranteed Revenue (and AFPI)	W-9	\$ -
413	Income From Utility Plant Leased to Others		-
414	Gains (losses) From Disposition of Utility Property		26,034
420	Allowance for Funds Used During Construction		98,563
	Total Utility Operating Income		\$ 3,698,770

**UTILITY NAME:** UTILITIES, INC. OF FLORIDA - All systems Combined

**SYSTEM NAME / COUNTY :** Various

**WATER UTILITY PLANT ACCOUNTS**

<b>ACCT. NO.</b>	<b>ACCOUNT NAME</b>	<b>PREVIOUS YEAR</b>	<b>ADDITIONS</b>	<b>RETIREMENTS</b>	<b>CURRENT YEAR</b>
<b>(a)</b>	<b>(b)</b>	<b>(c)</b>	<b>(d)</b>	<b>(e)</b>	<b>(f)</b>
301	Organization	\$ 98,683	\$ -	\$ -	\$ 98,683
302	Franchises	232,782	1	-	232,782
303	Land and Land Rights	296,704	222	-	296,926
304	Structures and Improvements	10,770,682	2,461,469	(16,383)	13,215,768
305	Collecting and Impounding Reservoirs	-	-	-	-
306	Lake, River and Other Intakes	-	-	-	-
307	Wells and Springs	4,041,527	16,506	(4,081)	4,053,952
308	Infiltration Galleries and Tunnels	138,232	-	-	138,232
309	Supply Mains	3,336,854	46,063	-	3,382,917
310	Power Generation Equipment	497,253	116,322	-	613,575
311	Pumping Equipment	8,648,940	386,551	(143,960)	8,891,531
320	Water Treatment Equipment	7,193,672	88,682	(42,104)	7,240,250
330	Distribution Reservoirs and Standpipes	5,573,536	65,302	(28,268)	5,610,570
331	Transmission and Distribution Mains	45,335,103	701,601	(57,508)	45,979,196
333	Services	10,623,536	736,411	(101,414)	11,258,533
334	Meters and Meter Installations	5,901,790	391,341	-	6,293,130
335	Hydrants	2,401,738	197,971	(13,371)	2,586,338
336	Backflow Prevention Devices	317,396	103,491	(594)	420,293
339	Other Plant Miscellaneous Equipment	132,638	-	-	132,638
340	Office Furniture and Equipment	4,929,007	938,428	-	5,867,435
341	Transportation Equipment	1,918,623	114,083	-	2,032,706
342	Stores Equipment	14,333	-	-	14,333
343	Tools, Shop and Garage Equipment	817,743	16,826	(1,030)	833,539
344	Laboratory Equipment	62,050	7,151	(4,244)	64,957
345	Power Operated Equipment	142,053	36,666	(5,203)	173,515
346	Communication Equipment	229,478	3,821	-	233,299
347	Miscellaneous Equipment	23,218	-	-	23,218
348	Other Tangible Plant	(437,844)	(105)	-	(437,949)
	<b>TOTAL WATER PLANT</b>	<b>\$ 113,239,728</b>	<b>\$ 6,428,801</b>	<b>\$ (418,161)</b>	<b>\$ 119,250,368</b>

**NOTE:** Any adjustments made to reclassify property from one account to another must be footnoted. Additions are netted against all Commission Order Adjustments.

W-4(a)  
GROUP \_\_\_\_\_

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY : Various

WATER UTILITY PLANT MATRIX

ACCT. NO.	ACCOUNT NAME	CURRENT YEAR	.1 INTANGIBLE PLANT	.2 SOURCE OF SUPPLY AND PUMPING PLANT	.3 WATER TREATMENT PLANT	.4 TRANSMISSION AND DISTRIBUTION PLANT	.5 GENERAL PLANT
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
301	Organization	\$ 98,683	\$ 98,683				\$
302	Franchises	232,782	232,782				
303	Land and Land Rights	296,926		296,926			
304	Structures and Improvements	13,215,768		1,286,838	9,249,887	9,368	2,669,676
305	Collecting and Impounding Reservoirs	-		-			
306	Lake, River and Other Intakes	-		-			
307	Wells and Springs	4,053,952		4,053,952			
308	Infiltration Galleries and Tunnels	138,232		138,232			
309	Supply Mains	3,382,917		3,382,917			
310	Power Generation Equipment	613,575		613,575			
311	Pumping Equipment	8,891,531		8,891,531			
320	Water Treatment Equipment	7,240,250			7,240,250		
330	Distribution Reservoirs and Standpipes	5,610,570				5,610,570	
331	Transmission and Distribution Mains	45,979,196				45,979,196	
333	Services	11,258,533				11,258,533	
334	Meters and Meter Installations	6,293,130				6,293,130	
335	Hydrants	2,586,338				2,586,338	
336	Backflow Prevention Devices	420,293				420,293	
339	Other Plant Miscellaneous Equipment	132,638				132,638	
340	Office Furniture and Equipment	5,867,435					5,867,435
341	Transportation Equipment	2,032,706					2,032,706
342	Stores Equipment	14,333					14,333
343	Tools, Shop and Garage Equipment	833,539					833,539
344	Laboratory Equipment	64,957					64,957
345	Power Operated Equipment	173,515					173,515
346	Communication Equipment	233,299					233,299
347	Miscellaneous Equipment	23,218					23,218
348	Other Tangible Plant	(437,949)					(437,949)
TOTAL WATER PLANT		\$ 119,250,368	\$ 331,466	\$ 18,663,970	\$ 16,490,137	\$ 72,290,066	\$ 11,474,729

W-4(b)  
GROUP

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : Various

**BASIS FOR WATER DEPRECIATION CHARGES**

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d) / c (e)
301	Organization	40		2.50%
302	Franchises	40		2.50%
304	Structures and Improvements	32		3.13%
305	Collecting and Impounding Reservoirs	50		2.00%
306	Lake, River and Other Intakes	40		2.50%
307	Wells and Springs	30		3.33%
308	Infiltration Galleries and Tunnels	40		2.50%
309	Supply Mains	35		2.86%
310	Power Generation Equipment	20		5.00%
311	Pumping Equipment	20		5.00%
320	Water Treatment Equipment	22		4.55%
330	Distribution Reservoirs and Standpipes	37		2.70%
331	Transmission and Distribution Mains	43		2.33%
333	Services	40		2.50%
334	Meters and Meter Installations	20		5.00%
335	Hydrants	45		2.22%
336	Backflow Prevention Devices	15		6.67%
339	Other Plant Miscellaneous Equipment	18		5.56%
340	Office Furniture and Equipment	15		6.67%
341	Transportation Equipment	5		20.00%
342	Stores Equipment	18		5.56%
343	Tools, Shop and Garage Equipment	16		6.25%
344	Laboratory Equipment	15		6.67%
345	Power Operated Equipment	12		8.33%
346	Communication Equipment	10		10.00%
347	Miscellaneous Equipment	15		6.67%
348	Other Tangible Plant	10		10.00%
Water Plant Composite Depreciation Rate *				

\* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.

YEAR OF REPORT  
31-Dec-19

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY: Various

ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION

ACCT. NO. (a)	ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCURALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d + e) (f)
301	Organization	\$ 467,762	\$ 2,467	\$ 0	\$ 2,467
302	Franchises	82,059	5,820	(0)	5,820
304	Structures and Improvements	3,338,881	481,942	1,293,134	1,775,076
305	Collecting and Impounding Reservoirs	-	-	-	-
306	Lake, River and Other Intakes	-	-	-	-
307	Wells and Springs	2,570,880	181,665	(46,704)	134,961
308	Infiltration Galleries and Tunnels	38,307	3,456	-	3,456
309	Supply Mains	347,566	96,173	(0)	96,173
310	Power Generation Equipment	269,128	29,710	(0)	29,710
311	Pumping Equipment	4,073,581	440,054	-	440,054
320	Water Treatment Equipment	3,690,101	328,346	0	328,346
330	Distribution Reservoirs and Standpipes	5,998,726	150,893	(3,892,005)	(3,741,112)
331	Transmission and Distribution Mains	13,427,838	1,065,237	-	1,065,237
333	Services	2,560,104	274,345	(0)	274,345
334	Meters and Meter Installations	3,932,227	305,596	-	305,596
335	Hydrants	911,429	55,411	0	55,411
336	Backflow Prevention Devices	32,407	24,960	(0)	24,960
339	Other Plant Miscellaneous Equipment	30,436	7,182	-	7,182
340	Office Furniture and Equipment	5,184,212	258,885	(1,332,356)	(1,073,471)
341	Transportation Equipment	1,383,586	169,577	(135,365)	34,212
342	Stores Equipment	(1,542)	796	(179)	617
343	Tools, Shop and Garage Equipment	826,244	51,783	(28)	51,755
344	Laboratory Equipment	67,377	3,873	(21,188)	(17,315)
345	Power Operated Equipment	(33,640)	12,645	2,989	15,634
346	Communication Equipment	223,013	21,907	(67,111)	(45,204)
347	Miscellaneous Equipment	14,863	1,548	-	1,548
348	Other Tangible Plant	(510,347)	(4,075)	-	(4,075)
TOTAL WATER ACCUMULATED DEPRECIATION		\$ 48,925,198	\$ 3,970,196	\$ (4,198,814)	\$ (228,618)

\* Specify nature of transaction  
Use ( ) to denote reversal entries.

OTHER CREDITS column (E) \* are due to allocation of UJF plant

W-6(a)  
GROUP \_\_\_\_\_

**UTILITY NAME:** UTILITIES, INC. OF FLORIDA - All systems Combined

**SYSTEM NAME / COUNTY:** Various

**ANALYSIS OF ENTRIES IN WATER ACCUMULATED DEPRECIATION (CONT'D)**

ACCT. NO.	ACCOUNT NAME	PLANT RETIRED (g)	SALVAGE AND INSURANCE (h)	COST OF REMOVAL AND OTHER CHARGES (i)	TOTAL CHARGES (g-h+i) (j)	BALANCE AT END OF YEAR (c+f-j) (k)
301	Organization	\$ -	\$ -	\$ -	\$ -	\$ 470,230
302	Franchises	-	-	-	-	87,879
304	Structures and Improvements	16,383	-	-	16,383	5,097,574
305	Collecting and Impounding Reservoirs	-	-	-	-	-
306	Lake, River and Other Intakes	-	-	-	-	-
307	Wells and Springs	4,081	-	-	4,081	2,701,759
308	Infiltration Galleries and Tunnels	-	-	-	-	41,763
309	Supply Mains	-	-	-	-	443,739
310	Power Generation Equipment	-	-	-	-	298,837
311	Pumping Equipment	143,960	-	-	143,960	4,369,675
320	Water Treatment Equipment	42,104	-	-	42,104	3,976,343
330	Distribution Reservoirs and Standpipes	28,268	-	-	28,268	2,229,346
331	Transmission and Distribution Mains	57,508	-	-	57,508	14,435,568
333	Services	101,414	-	-	101,414	2,733,034
334	Meters and Meter Installations	-	-	-	-	4,237,823
335	Hydrants	13,371	-	-	13,371	953,469
336	Backflow Prevention Devices	594	-	-	594	56,773
339	Other Plant Miscellaneous Equipment	-	-	-	-	37,618
340	Office Furniture and Equipment	-	-	-	-	4,110,741
341	Transportation Equipment	-	-	-	-	1,417,798
342	Stores Equipment	-	-	-	-	(925)
343	Tools, Shop and Garage Equipment	1,030	-	-	1,030	876,969
344	Laboratory Equipment	4,244	-	-	4,244	45,818
345	Power Operated Equipment	5,203	-	-	5,203	(23,209)
346	Communication Equipment	-	-	-	-	177,809
347	Miscellaneous Equipment	-	-	-	-	16,411
348	Other Tangible Plant	-	-	-	-	(514,422)
<b>TOTAL WATER ACCUMULATED DEPRECIATION</b>						<b>\$ 48,278,419</b>

W-6(b)  
GROUP \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

31-Dec-19

SYSTEM NAME / COUNTY : Various

**CONTRIBUTIONS IN AID OF CONSTRUCTION  
ACCOUNT 271**

DESCRIPTION (a)	REFERENCE (b)	WATER (c)
Balance first of year		\$ <u>37,879,993</u>
Add credits during year:		
Contributions received from Capacity, Main Extension and Customer Connection Charges	W-8(a)	\$ <u>2,506,368</u>
Contributions received from Developer or Contractor Agreements in cash or property	W-8(b)	<u>2,690,907</u>
Total Credits		\$ <u>5,197,275</u>
Less debits charged during the year (All debits charged during the year must be explained below)		\$ <u>-</u>
Total Contributions In Aid of Construction		\$ <u>43,077,268</u>

If any prepaid CIAC has been collected, provide a supporting schedule showing how the amount is determined.

Explain all debits charged to Account 271 during the year below:

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UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : Various

**WATER CIAC SCHEDULE "A"**

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION RECEIVED FROM CAPACITY,  
 MAIN EXTENSION AND CUSTOMER CONNECTION CHARGES RECEIVED DURING THE YEAR

DESCRIPTION OF CHARGE (a)	NUMBER OF CONNECTIONS (b)	CHARGE PER CONNECTION (c)	AMOUNT (d)
<b>WATER CAPACITY FEES</b>			\$ 794,212
<b>WATER EXTENSION FEES</b>			1,469,342
<b>WATER CONNECTIONS FEES</b>			242,814
Total Credits			\$ 2,506,368

**ACCUMULATED AMORTIZATION OF WATER CONTRIBUTIONS IN AID OF CONSTRUCTION**

DESCRIPTION (a)	WATER (b)
Balance first of year	\$ 20,364,640
Debits during the year:	
Accruals charged to Account 272	\$ 1,068,816
Other debits (specify) :	
_____	_____
_____	_____
Total debits	\$ 1,068,816
Credits during the year (specify) :	
_____	\$ _____
_____	_____
Total credits	\$ _____
Balance end of year	\$ 21,433,456

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : Various

**WATER CIAC SCHEDULE "B"**  
 ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION  
 RECEIVED FROM ALL DEVELOPERS OR CONTRACTORS AGREEMENTS  
 WHICH CASH OR PROPERTY WAS RECEIVED DURING THE YEAR

DESCRIPTION (a)	INDICATE CASH OR PROPERTY (b)	AMOUNT (c)
<u>CIAC developer additions (including COA adjustments)</u>	_____	\$ _____ 2,690,907
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Total Credits</b>		<b>\$ _____ 2,690,907</b>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY :

Various

**WATER OPERATING REVENUE**

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS * (c)	YEAR END NUMBER OF CUSTOMERS (d)	AMOUNT (e)
460	Water Sales: Unmetered Water Revenue			\$ -
461.1	Metered Water Revenue: Sales to Residential Customers	31,126	31,673	13,830,746
461.2	Sales to Commercial Customers	1,095	1,115	2,129,690
461.3	Sales to Industrial Customers			-
461.4	Sales to Public Authorities			-
461.5	Sales Multiple Family Dwellings			-
461.6	Other Revenues			48,253
Total Metered Sales		32,221	32,788	\$ 16,008,689
462.1	Fire Protection Revenue: Public Fire Protection			-
462.2	Private Fire Protection	74	74	27,140
Total Fire Protection Revenue				\$ 27,140
464	Other Sales To Public Authorities			-
465	Sales To Irrigation Customers			-
466	Sales For Resale			-
467	Interdepartmental Sales			-
Total Water Sales		32,295	32,862	\$ 16,035,829
469	Other Water Revenues: Guaranteed Revenues (Including Allowance for Funds Prudently Invested or AFPI)			\$ -
470	Forfeited Discounts			195,214
471	Miscellaneous Service Revenues			14,965
472	Rents From Water Property			-
473	Interdepartmental Rents			-
474	Other Water Revenues			174,726
Total Other Water Revenues				\$ 384,905
Total Water Operating Revenues				\$ 16,420,734

\*Customer is defined by Rule 25-30.210(1), Florida Administrative Code.  
 Accruals are recorded in account 461.1.

**UTILITY NAME:**                    UTILITIES, INC. OF FLORIDA - All systems Combined
**SYSTEM NAME / COUNTY :**   Various
**WATER UTILITY EXPENSE ACCOUNTS**

ACCT. NO.	ACCOUNT NAME	CURRENT YEAR	.1 SOURCE OF SUPPLY AND EXPENSES - OPERATIONS	.2 SOURCE OF SUPPLY AND EXPENSES - MAINTENANCE
(a)	(b)	(c)	(d)	(e)
601	Salaries and Wages - Employees	\$ 2,847,573	\$ 271,065	\$ 271,065
603	Salaries and Wages - Officers, Directors and Majority Stockholders	216,514	-	-
604	Employee Pensions and Benefits	785,355	69,477	69,477
610	Purchased Water	211,639	211,639	
615	Purchased Power	839,794	-	
616	Fuel for Power Purchased	-	-	
618	Chemicals	457,621	76,270	76,270
620	Materials and Supplies	88,482	11,060	11,060
631	Contractual Services-Engineering	6,361	-	-
632	Contractual Services - Accounting	63,933	-	-
633	Contractual Services - Legal	3,591	-	-
634	Contractual Services - Mgt. Fees	682,552	-	-
635	Contractual Services - Testing	84,030	10,504	10,504
636	Contractual Services - Other	446,970	55,871	55,871
641	Rental of Building/Real Property	98,116	-	-
642	Rental of Equipment	14,249	1,781	1,781
650	Transportation Expenses	182,405	22,801	22,801
656	Insurance - Vehicle	-	-	-
657	Insurance - General Liability	311,979	-	-
658	Insurance - Workman's Comp.	-	-	-
659	Insurance - Other	51,945	6,493	6,493
660	Advertising Expense	148		
666	Regulatory Commission Expenses - Amortization of Rate Case Expense	181,279		
667	Regulatory Commission Exp.-Other	2,076	-	-
668	Water Resource Conservation Exp.	-	-	
670	Bad Debt Expense	52,102		
675	Miscellaneous Expenses	1,030,746	128,843	128,843
Total Water Utility Expenses		\$ 8,659,460	\$ 865,804	\$ 654,165

W-10(a)  
GROUP \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

YEAR OF REPORT 31-Dec-19
-----------------------------

SYSTEM NAME / COUNTY :

Various

WATER EXPENSE ACCOUNT MATRIX					
.3 WATER TREATMENT EXPENSES - OPERATIONS (f)	.4 WATER TREATMENT EXPENSES - MAINTENANCE (g)	.5 TRANSMISSION & DISTRIBUTION EXPENSES - OPERATIONS (h)	.6 TRANSMISSION & DISTRIBUTION EXPENSES - MAINTENANCE (i)	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMIN. & GENERAL EXPENSES (k)
\$ 271,065	\$ 271,065	\$ 271,065	\$ 271,065	\$ 232,179	\$ 989,003
-	-	-	-	-	216,514
69,477	69,477	69,477	69,477	59,510	308,986
839,794					
-					
76,270	76,270	76,270	76,270		
11,060	11,060	11,060	11,060	11,060	11,060
-	-	6,361	-	-	-
-	-	-	-	-	63,933
-	-	-	-	-	3,591
-	-	-	-	-	682,552
10,504	10,504	10,504	10,504	10,504	10,504
55,871	55,871	55,871	55,871	55,871	55,871
-	-	-	-	-	98,116
1,781	1,781	1,781	1,781	1,781	1,781
22,801	22,801	22,801	22,801	22,801	22,801
-	-	-	-	-	-
311,979	-	-	-	-	-
-	-	-	-	-	-
6,493	6,493	6,493	6,493	6,493	6,493
					148
					181,279
					2,076
				52,102	
128,843	128,843	128,843	128,843	128,843	128,843
\$ 1,805,938	\$ 654,165	\$ 660,526	\$ 654,165	\$ 581,144	\$ 2,783,552

W-10(b)  
GROUP \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CONSOLIDATED

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	7.025	344.475	3.689	347.812	293.473
February	5.323	305.856	5.146	306.033	262.871
March	5.137	407.436	2.088	410.485	327.736
April	5.630	394.851	3.050	397.431	358.970
May	6.998	485.282	4.749	487.531	430.765
June	6.111	423.281	5.273	424.120	359.430
July	7.719	406.508	5.942	408.286	332.441
August	6.404	357.712	8.895	355.222	306.445
September	7.088	410.615	7.099	410.604	343.137
October	6.706	402.526	4.201	405.031	358.975
November	5.939	394.623	4.185	396.377	326.724
December	5.370	338.531	3.212	340.688	304.016
Total for Year	75.451	4,671.696	57.528	4,689.619	4,004.985

\*Adjusted for Source Register Meter Error

If water is purchased for resale, indicate the following:

Vendor \_\_\_\_\_

Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List for each source of supply:	Based on 16hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> 31-Dec-19
------------------------------------

SYSTEM NAME / COUNTY :

SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		0.751	-0.014 *	0.765	0.619
February		0.758	-0.019 *	0.777	0.657
March		0.859	-0.022 *	0.881	0.642
April		0.677	0.000 *	0.677	0.542
May		0.728	-0.019 *	0.746	0.546
June		0.925	0.207 *	0.718	0.505
July		0.569	-0.015 *	0.583	0.494
August		0.550	0.008 *	0.542	0.345
September		0.536	0.020 *	0.516	0.535
October		0.612	0.022 *	0.589	0.476
November		0.634	0.023 *	0.611	0.476
December		0.625	0.023 *	0.603	0.473
Total for Year		8.221	0.213 *	8.009	6.310

\*Adjusted for Source Register Meter Error

If water is purchased for resale, indicate the following:

Vendor NONE  
 Point of delivery NONE

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Based on 16hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
WELL #1	200GPM	192,000	GROUNDWATER
WELL #2	200GPM	192,000	GROUNDWATER
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

W-11

GROUP \_\_\_\_\_

SYSTEM LAKE PLACID

UTILITY NAME: UTILITIES, INC. OF FLORIDA

**YEAR OF REPORT**  
**31-Dec-19**

SYSTEM NAME / COUNTY : SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

<b>Permitted Capacity of Plant (GPD):</b>	<u>0.288 mgd</u>
<b>Location of measurement of capacity (i.e. Wellhead, Storage Tank):</b>	<u>Wellhead</u>
<b>Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):</b>	<u>Chlorination</u>
<b>LIME TREATMENT</b>	
Unit rating (i.e., GPM, pounds per gallon): <u>N/A</u>	Manufacturer: <u>N/A</u>
<b>FILTRATION</b>	
Type and size of area:	
Pressure (in square feet): <u>N/A</u>	Manufacturer: <u>N/A</u>
Gravity (in GPM/square feet): <u>N/A</u>	Manufacturer: <u>N/A</u>



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> 31-Dec-19
------------------------------------

SYSTEM NAME / COUNTY :

SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	122	122
5/8"	Displacement	1.0	7	7
3/4"	Displacement	1.5		0
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0	3	75
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				214

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:          $6.310/365/350=50 \text{ ECR's}$
--

UTILITY NAME: UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY : SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 823
2. Maximum number of ERCs \* which can be served. 823
3. Present system connection capacity (in ERCs \*) using existing lines. 823
4. Future connection capacity (in ERCs \*) upon service area buildout. 823
5. Estimated annual increase in ERCs \*. 0-1
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm
7. Attach a description of the fire fighting facilities. One (1) hydrant, hydropneumatic tank and two wells
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.  

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9. When did the company last file a capacity analysis report with the DEP? N/A
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? N/A
11. Department of Environmental Protection ID # 6280273
12. Water Management District Consumptive Use Permit # N/A
  - a. Is the system in compliance with the requirements of the CUP? N/A
  - b. If not, what are the utility's plans to gain compliance? N/A

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\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	_____	5.633	0.690	4.943	4.699
February	_____	5.732	0.770	4.962	4.472
March	_____	7.211	0.866	6.345	5.473
April	_____	7.326	1.007	6.319	5.098
May	_____	7.746	1.297	6.449	5.162
June	_____	7.602	1.474	6.128	4.329
July	_____	7.501	3.306	4.195	3.794
August	_____	7.680	4.171	3.509	3.446
September	_____	6.575	2.490	4.085	4.281
October	_____	6.510	1.669	4.841	4.916
November	_____	6.817	1.824	4.993	5.241
December	_____	7.324	2.429	4.895	5.326
Total for Year	_____	<u>83.657</u>	<u>21.994</u>	<u>61.663</u>	<u>56.235</u>

If water is purchased for resale, indicate the following:

Vendor NONE  
Point of delivery NONE

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE  
\_\_\_\_\_  
\_\_\_\_\_

Based on 16hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
WELL #1	660 GPM	633,600	WELL
WELL #2	700 GPM	672,000	WELL
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):

673,000

Location of measurement of capacity  
(i.e. Wellhead, Storage Tank):

Hydropneumatic Tank

Type of treatment (reverse osmosis,  
sedimentation, chemical, aerated, etc.):

Chloramination (chlorine & ammonia)

**LIME TREATMENT**

Unit rating (i.e., GPM, pounds  
per gallon):

N/A

Manufacturer:

N/A

**FILTRATION**

Type and size of area:

Pressure (in square feet):

N/A

Manufacturer:

N/A

Gravity (in GPM/square feet):

N/A

Manufacturer:

N/A

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GROUP

SYSTEM CYPRESS LAKES

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,589	1,589
5/8"	Displacement	1.0	8	8
3/4"	Displacement	1.5		0
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turbine	8.0	5	40
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				1,665

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

56.235/365/350=441 ERC's

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 1,266

2. Maximum number of ERCs \* which can be served. 1,650

3. Present system connection capacity (in ERCs \*) using existing lines. 1,650

4. Future connection capacity (in ERCs \*) upon service area buildout. 1,650

5. Estimated annual increase in ERCs \*. 10

6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm residential / 1,000 gpm commercial

7. Attach a description of the fire fighting facilities. Two (2) 10,000 gallon hydro pneumatic storage tanks, 2 wells and fire hydrants throughout the community.

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.  
2020: Pilot test chlorine dioxide disinfection pretreatment.

9. When did the company last file a capacity analysis report with the DEP? 1993

10. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? No

11. Department of Environmental Protection ID # 6535055

12. Water Management District Consumptive Use Permit # 13043

a. Is the system in compliance with the requirements of the CUP? Yes

b. If not, what are the utility's plans to gain compliance?

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSI N & LUSI S / LAKE  
INTERCONNECTED SYSTEMS

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January		118,825	0.361 *	118,464	107,306
February		108,616	0.432 *	108,184	101,981
March		141,293	-0.384 *	141,677	129,593
April		139,305	-0.054 *	139,359	131,716
May		165,550	-0.089 *	165,639	154,611
June		149,015	0.828 *	148,187	138,433
July		136,242	-0.673 *	136,915	125,022
August		128,327	1.471 *	126,856	119,557
September		153,219	-0.729 *	153,948	140,556
October		158,832	-0.672 *	159,504	147,417
November		141,717	-0.621 *	142,338	129,567
December		124,562	-0.518 *	125,080	115,900
Total for Year		1,665,503	-0.648 *	1,666,151	1,541,659

\* Adjusted for source meter register error.

If water is purchased for resale, indicate the following:

Vendor None  
Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

NOTE: Above figures include Amber Hill, Clermont I, Clermont II, Crescent Bay, Crescent West, Highland Point, CR 561, Lake Crescent Hills, Lake Groves, Lake Louisa, Lake Ridge Club, Oranges, Vistas water production sites.  
\_\_\_\_\_  
\_\_\_\_\_

List for each source of supply:	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
SEE NEXT PAGE	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Based on 16hrs/day

LIST OF EACH SOURCE	CAPACITY	GALLONS PER DAY	TYPE OF SOURCE
Well #1 (Clermont I)	60 gpm	57,600	Upper Floridan Aquifer
Well #2 (Clermont I)	110 gpm	105,600	Upper Floridan Aquifer
Well #1 (Clermont II)	44 gpm	42,240	Upper Floridan Aquifer
Well #2 (Clermont II)	55 gpm	52,800	Upper Floridan Aquifer
Well #1 (Amber Hill)	550 gpm	528,000	Upper Floridan Aquifer
Well #1 (Crescent Bay)	700 gpm	672,000	Upper Floridan Aquifer
Well #1 (Crescent West)	700 gpm	672,000	Upper Floridan Aquifer
Well #1 (Highland Point)	750 gpm	720,000	Upper Floridan Aquifer
Well #1 (Lake Crescent Hills)	700 gpm	672,000	Upper Floridan Aquifer
Well #1 (Lake Ridge Club)	550 gpm	528,000	Upper Floridan Aquifer
Well #1 (Oranges)	550 gpm	528,000	Upper Floridan Aquifer
Well #1 (Vistas)	700 gpm	672,000	Upper Floridan Aquifer
Well #2 (Vistas)	700 gpm	672,000	Upper Floridan Aquifer
Well #3 (Vistas)	625 gpm	600,000	Upper Floridan Aquifer
Well #1 (Lake Groves)	2000 gpm	1,920,000	Upper Floridan Aquifer
Well #2 (Lake Groves)	2400 gpm	2,304,000	Upper Floridan Aquifer
Well #3 (Lake Groves)	3000 gpm	2,880,000	Lower Floridan Aquifer

13,626,240

W-11 (Pg 2 of 2)  
 GROUP \_\_\_\_\_  
 SYSTEM LUSIN & LUSIS



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOUR LAKES / LAKE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	-----	0.488	0.009	0.479	0.411
February	-----	0.443	0.008	0.437	0.385
March	-----	0.686	0.012	0.674	0.604
April	-----	0.513	0.030	0.485	0.447
May	-----	0.727	0.016	0.711	0.639
June	-----	0.586	0.015	0.571	0.500
July	-----	0.507	0.014	0.493	0.424
August	-----	0.426	0.012	0.414	0.354
September	-----	0.544	0.015	0.529	0.463
October	-----	0.533	0.023	0.510	0.436
November	-----	0.491	0.019	0.472	0.415
December	-----	0.455	0.017	0.438	0.374
Total for Year	-----	6.402	0.190	6.212	5.452

If water is purchased for resale, indicate the following:

Vendor: None

Point of delivery: \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List for each source of supply:	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1 (Four Lakes)	105 gpm	100,800	Upper Floridan Aquifer
Well #2 (Four Lakes)	105 gpm	100,800	Upper Floridan Aquifer
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE SAUNDERS

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		0.253	0.068 *	0.185	0.164
February		0.261	0.101 *	0.160	0.169
March		0.407	0.085 *	0.322	0.283
April		0.400	0.153 *	0.247	0.233
May		0.353	0.070 *	0.283	0.257
June		0.400	0.084 *	0.316	0.284
July		0.284	0.054 *	0.230	0.207
August		0.270	0.055 *	0.215	0.154
September		0.339	0.062 *	0.277	0.293
October		0.365	0.075 *	0.290	0.259
November		0.302	0.061 *	0.241	0.215
December		0.284	0.061 *	0.223	0.191
Total for Year		3.918	0.929	2.989	2.709

\* Adjusted for source meter register error.

If water is purchased for resale, indicate the following:

Vendor: None \_\_\_\_\_  
Point of delivery: \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List for each source of supply:	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1 (Lake Saunders)	300 gpm	288,000	Upper Floridan Aquifer
Well #2 (Lake Saunders)	300 gpm	288,000	Upper Floridan Aquifer

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
AMBER HILL

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	468,000	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>NA</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
CLERMONT I

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>115,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 2 wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
CLERMONT II

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	71,000	
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	Wellheads, 2 wells	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer: N/A
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer: N/A
Gravity (in GPM/square feet):	N/A	Manufacturer: N/A

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSLN / LAKE  
CRESCENT BAY

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>396,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellhead</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
COUNTY ROAD 561 WTP

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>2,592,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 3 Wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA.

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSLS / LAKE  
LAKE GROVES

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>6,000,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 3 wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Packed tower aeration, pH adjustment, Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>



UTILITY NAME:

UTILITIES, INC. OF FLORIDA.

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
LAKE LOUISA

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>2,520,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 3 wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
LAKE RIDGE CLUB

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>396,000</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellhead</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSIN / LAKE  
VISTAS

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	822,000	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead, Vistas #2	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE SAUNDERS / LAKE

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>0.432 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 2 wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination, Iron removal</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

LAKE UTILITY SERVICES, INC.

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOUR LAKES/ LAKE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>0.088 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellheads, 2 wells</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSI NORTH & LUSI SOUTH INTERCONNECTED SYSTEMS / LAKE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
Residential 5/8"		1.0	10,902	10,902
Residential 1"		2.5	46	115
Residential 1.5"		5.0	2	10
5/8"	Displacement	1.0	105	105
3/4"	Displacement	1.5		0
1"	Displacement	2.5	63	158
1 1/2"	Displacement or Turbine	5.0	19	95
2"	Displacement, Compound or Turbine	8.0	20	160
3"	Displacement	15.0	2	30
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0	3	75
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0	6	480
8"	Turbine	90.0		0
10"	Compound	115.0	1	115
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				12,245

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$1,541.659/365/350=12,068$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOUR LAKES / LAKE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	70 *	70
5/8"	Displacement	1.0		
3/4"	Displacement	1.5		
Residential 1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
* Includes 1--1" meter				
Total Water System Meter Equivalents				70

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Ormit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$5.490/365/350=43$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE SAUNDERS / LAKE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	45 *	45
5/8"	Displacement	1.0		
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
* includes 1--1" meter.			Total Water System Meter Equivalents	45

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$2.709/365/350=22$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LUSI NORTH & LUSI SOUTH INTERCONNECTED SYSTEMS / LAKE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 12,000
2. Maximum number of ERCs \* which can be served. 12,000
3. Present system connection capacity (in ERCs \*) using existing lines. 12,000
4. Future connection capacity (in ERCs \*) upon service area buildout. N/A - Interconnected system
5. Estimated annual increase in ERCs \*. 250
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 - 1500 gpm
7. Attach a description of the fire fighting facilities. Hydrants throughout service area. All water sources are interconnected.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020: 1) TTHM/HAA5 remediation at Amber Hill, Oranges and Clermont II; 2) Develop water master plan to meet future demand. 3) Build raw WM from Crescent Bay well to CR561 WTP; 4) Feasibility study of Northeast WTP.
9. When did the company last file a capacity analysis report with the DEP? 2008
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules. See additional tab W-14 LUSI N&S (2)
  - b. Have these plans been approved by DEP? Yes
  - c. When will construction begin? February 2019
  - d. Attach plans for funding the required upgrading. 100% from internal resources
  - e. Is this system under any Consent Order with DEP? \_\_\_\_\_
11. Department of Environmental Protection ID # LUSI North 3354883 & LUSI South 3354881
12. Water Management District Consumptive Use Permit # 2700
  - a. Is the system in compliance with the requirements of the CUP? YES
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

**SYSTEM NAME / COUNTY :**

**LUSI NORTH & LUSI SOUTH INT**

**OTHER WATER SYSTEM INFORMATION**

- 10.a Provide a description of plant upgrade required to meet FDEP rules at Lake Grov
- A. Construct chlorine dioxide pre-oxidation treatment system consisting of:
    - i. Chlorine dioxide generator.
    - ii. Chlorine dioxide injector system.
    - iii. Chemical storage tanks containing hydrochloric acid and chlorite.
    - iv. Instrumentation including chlorine residual analyzer, chlorine dioxide s
  - B. Construct pre-fabricated steel storage building to house water treatment equipme
  - C. Install electrical service and control panels for above equipment.
  - D. Install chemical feed lines to point of injection.
  - E. Install sample lines to analyzers.
  - F. Site restoration.

**INTERCONNECTED SYSTEMS / LAKE**

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOUR LAKES / LAKE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 251

2. Maximum number of ERCs \* which can be served. 251

3. Present system connection capacity (in ERCs \*) using existing lines. 251

4. Future connection capacity (in ERCs \*) upon service area buildout. 251

5. Estimated annual increase in ERCs \*. None

6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_

7. Attach a description of the fire fighting facilities. N/A

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.  
\_\_\_\_\_  
\_\_\_\_\_

9. When did the company last file a capacity analysis report with the DEP? N/A

10. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? No

11. Department of Environmental Protection ID # 3354647

12. Water Management District Consumptive Use Permit # N/A

a. Is the system in compliance with the requirements of the CUP? N/A

b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE SAUNDERS / LAKE

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 100
2. Maximum number of ERCs \* which can be served. 100
3. Present system connection capacity (in ERCs \*) using existing lines. 100
4. Future connection capacity (in ERCs \*) upon service area buildout. 100
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm
7. Attach a description of the fire fighting facilities. 3 Hydrants
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? N/A
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3354695
12. Water Management District Consumptive Use Permit # 50094
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT 31-Dec-19
-----------------------------

SYSTEM NAME / COUNTY :

GOLDEN HILLS / CROWNWOOD / MARION

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January		3,678	0.072	3,606	2,956
February		3,708	0.287	3,421	2,908
March		4,834	0.085	4,749	4,041
April		4,499	0.120	4,379	3,758
May		5,751	0.101	5,650	3,949
June		6,270	0.442	5,828	4,034
July		4,227	0.264	3,963	3,415
August		3,870	0.133	3,737	3,053
September		4,491	0.076	4,416	3,546
October		4,735	0.112	4,623	4,095
November		4,167	0.195	3,972	3,373
December		3,929	0.185	3,745	3,470
Total for Year	0	54,159	2,072	52,087	42,597

If water is purchased for resale, indicate the following:

Vendor

N/A

Point of delivery

If water is sold to other water utilities for redistribution, list names of such utilities below:

NOTE: Water is supplied to Crownwood water system, owned by Utilities, Inc. of Florida, from Golden Hills wells. Water sold in Crownwood in 2017 was 2,666 mg. This figure is included in above water sold total.

List for each source of supply: Well #1 Well #2	CAPACITY OF WELL	Based on 16 hrs/day	
		GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
	330 gpm	316,800	Well
	440 gpm	422,400	Well

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

GOLDEN HILLS / CROWNWOOD / MARION

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>0.636 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellhead</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

GOLDEN HILLS / CROWNWOOD / MARION  
COMBINED

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
Residential 5/8"		1.0	101	101
Residential 1"		2.5	403	1,008
5/8"	Displacement	1.0	4	4
3/4"	Displacement	1.5		0
1"	Displacement	2.5	8	20
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0	1	25
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				1,166

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$42.597/365/350=334 \text{ ERC's}$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

GOLDEN HILLS / CROWNWOOD / MARION

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 857

2. Maximum number of ERC's \* which can be served. 857

3. Present system connection capacity (in ERCs \*) using existing lines. 857

4. Future connection capacity (in ERCs \*) upon service area buildout. 857

5. Estimated annual increase in ERCs \*. 0-1

6. Is the utility required to have fire flow capacity? Yes

If so, how much capacity is required? 500 gpm

7. Attach a description of the fire fighting facilities. Fire hydrants throughout the system.

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_

2020: 1) Water main relocation on NW 78th Avenue; 2) Replace 2" galvanized pipe remaining in system.

9. When did the company last file a capacity analysis report with the DEP? N/A

10. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? No

11. Department of Environmental Protection ID # 6424076

12. Water Management District Consumptive Use Permit # 5643

a. Is the system in compliance with the requirements of the CUP? Yes

b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CRESCENT HEIGHTS / ORANGE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	1.549	0.000	-0.015 *	1.564	1.505
February	1.461	0.000	-0.014 *	1.476	1.318
March	1.633	0.000	-0.014 *	1.646	1.633
April	1.750	0.000	-0.015 *	1.765	1.570
May	1.794	0.000	-0.018 *	1.812	1.713
June	1.525	0.000	-0.015 *	1.540	1.717
July	2.326	0.000	-0.023 *	2.349	2.143
August	1.982	0.000	-0.020 *	2.002	1.905
September	2.068	0.000	-0.020 *	2.088	1.800
October	1.677	0.000	-0.017 *	1.694	1.681
November	1.596	0.000	-0.016 *	1.611	1.604
December	1.809	0.000	-0.018 *	1.827	1.670
Total for Year	21.170	0.000	-0.204 *	21.374	20.260

\*Adjusted for Source Register Meter Error

If water is purchased for resale, indicate the following:

Vendor Orlando Utilities Commission  
 Point of delivery 2 each Amelia & John (6"), Powers & Melbourne (6")

If water is sold to other water utilities for redistribution, list names of such utilities below:

None  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Water Purchased, Interconnected with OUC.	None	N/A	N/A
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CRESCENT HEIGHTS / ORANGE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>N/A</u>	
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>N/A</u>	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>None</u>	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer: <u>N/A</u>
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	<u>N/A</u>	Manufacturer: <u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer: <u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CRESCENT HEIGHTS / ORANGE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	280	280
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5		
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Water System Meter Equivalents				286

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$20.26/365/350=1.59 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CRESCENT HEIGHTS / ORANGE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. N/A - Bulk Interconnect with Orlando Utilities Commission
  2. Maximum number of ERCs \* which can be served. N/A Bulk Interconnect with Orlando Utilities Commission
  3. Present system connection capacity (in ERCs \*) using existing lines. N/A Bulk Interconnect with Orlando Utilities Commission Utilities Commission
  4. Future connection capacity (in ERCs \*) upon service area buildout. N/A Bulk Interconnect with Orlando Utilities Commission
  5. Estimated annual increase in ERCs \*. None
  6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_
  7. Attach a description of the fire fighting facilities. Two (2) hydrants interconnected with OUC
  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_
- 
9. When did the company last file a capacity analysis report with the DEP? Unknown
  10. If the present system does not meet the requirements of DEP rules:
    - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
    - b. Have these plans been approved by DEP? N/A
    - c. When will construction begin? N/A
    - d. Attach plans for funding the required upgrading.
    - e. Is this system under any Consent Order with DEP? No
  11. Department of Environmental Protection ID # 3480255
  12. Water Management District Consumptive Use Permit # N/A
    - a. Is the system in compliance with the requirements of the CUP? \_\_\_\_\_
    - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

DAVIS SHORES / ORANGE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.347	0.000	-0.010 *	0.357	0.299
February	0.360	0.000	-0.003 *	0.363	0.321
March	0.336	0.000	0.018 *	0.319	0.357
April	0.371	0.000	0.020 *	0.352	0.340
May	0.342	0.000	0.013 *	0.329	0.357
June	0.287	0.000	0.004 *	0.282	0.335
July	0.412	0.000	0.006 *	0.405	0.370
August	0.283	0.000	0.004 *	0.278	0.313
September	0.315	0.000	0.005 *	0.310	0.285
October	0.279	0.000	0.004 *	0.274	0.299
November	0.254	0.000	0.004 *	0.250	0.275
December	0.286	0.000	0.004 *	0.282	0.277
Total for Year	3.872	0.000	0.070	3.801	3.828

If water is purchased for resale, indicate the following:

Vendor Orange County Utilities  
Point of delivery 10001 1st Ave. (2" meter)

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

List for each source of supply: Water purchased from <u>Orange County</u>	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

DAVIS SHORES / ORANGE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>N/A</u>	
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>N/A</u>	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>None</u>	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer: <u>N/A</u>
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	<u>N/A</u>	Manufacturer: <u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer: <u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

DAVIS SHORES / ORANGE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential **		1.0	46	46
5/8"	Displacement	1.0		0
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				46

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$3.828/365/350=30 \text{ ERC's}$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

DAVIS SHORES / ORANGE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. N/A Bulk Interconnect with Orange County Utilities
2. Maximum number of ERCs \* which can be served. N/A - Bulk Interconnect with Orange County Utilities
3. Present system connection capacity (in ERCs \*) using existing lines. N/A - Bulk Interconnect w/ Orange County Utilities
4. Future connection capacity (in ERCs \*) upon service area buildout. N/A Bulk Interconnect w/Orange County Utilities
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_
7. Attach a description of the fire fighting facilities. N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Unknown
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3480272
12. Water Management District Consumptive Use Permit # N/A
  - a. Is the system in compliance with the requirements of the CUP? N/A
  - b. If not, what are the utility's plans to gain compliance? N/A  
\_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGEWOOD, WIS-BAR & BVTP/PASCO  
Combined

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		5,911	0.017 *	5,894	6,508
February		5,506	0.023 *	5,483	5,770
March		5,981	-0.004 *	5,985	6,492
April		5,675	-0.018 *	5,693	6,234
May		6,049	0.306 *	5,743	6,340
June		6,474	-0.298 *	6,772	6,182
July		7,327	-0.022 *	7,349	6,262
August		7,079	-0.006 *	7,085	6,009
September		6,676	-0.016 *	6,692	5,592
October		6,495	-0.020 *	6,515	5,889
November		6,409	-0.014 *	6,423	5,749
December		6,646	-0.025 *	6,671	5,885
Total for Year	0.000	76,229	-0.076 *	76,305	72,913

\*Adjusted for Source Meter Register Error.

If water is purchased for resale, indicate the following:

Vendor \_\_\_\_\_

Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

NOTE: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Based on 16hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Oranewood Well #1	144 gpm	138,240	Groundwater
Oranewood Well #2	241 gpm	231,360	Groundwater
Oranewood Well #3	90 gpm	86,400	Groundwater
Oranewood Well #4	50 gpm	48,000	Groundwater
BVTP Well #1	85 gpm	81,600	Groundwater
BVTP Well #2	109 gpm	104,640	Groundwater
BVTP Well #3	200 gpm	192,000	Groundwater

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGEWOOD / PASCO

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____ 1.238 mgd _____	
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____ Wellhead _____	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____ Chlorination _____	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	_____ N/A _____	Manufacturer: _____ N/A _____
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	_____ N/A _____	Manufacturer: _____ N/A _____
Gravity (in GPM/square feet):	_____ N/A _____	Manufacturer: _____ N/A _____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGEWOOD / PASCO

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (e x d) (e)
All Residential		1.0	1,798	1,798
5/8"	Displacement	1.0	32	32
3/4"	Displacement	1.5		0
1"	Displacement	2.5	11	28
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turbine	8.0	5	40
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				1,913

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

72.913/365/350=571 ERC's

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGEWOOD / PASCO

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 2,000
2. Maximum number of ERCs \* which can be served. 2,000
3. Present system connection capacity (in ERCs \*) using existing lines. 2,000
4. Future connection capacity (in ERCs \*) upon service area buildout. 2,000
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 550 gpm residential; 1000 gpm commercial
7. Attach a description of the fire fighting facilities. 15 hydrants; 6 hydro pneumatic tanks.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Unknown
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 6511311
12. Water Management District Consumptive Use Permit # 4668
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	4.778		1.262	3.516	2.706
February	3.322		0.362	2.960	2.596
March	3.065		0.033	3.032	2.797
April	3.507		0.709	2.798	2.488
May	4.690		2.234	2.456	2.271
June	4.242		1.726	2.515	2.185
July	4.443		1.749	2.694	2.166
August	4.107		1.932	2.175	2.076
September	4.704		2.361	2.343	2.090
October	4.682		2.083	2.599	2.358
November	3.182		0.607	2.575	2.335
December	2.997		0.269	2.727	2.461
Total for Year	47.719	0.000	15.329	32.390	28.528

If water is purchased for resale, indicate the following:

Vendor Pasco County Utilities  
Point of delivery Paradise Point Way & SR 52

If water is sold to other water utilities for redistribution, list names of such utilities below:

None  
\_\_\_\_\_  
\_\_\_\_\_

Based on 16hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Water purchased from Pasco County Utilities	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>N/A</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>N/A</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>None</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

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GROUP Pasco  
SYSTEM Summertree

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,200	1,200
5/8"	Displacement	1.0	5	5
3/4"	Displacement	1.5		0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				1,218

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

28,528/365/350=224 ERC's



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. N/A Bulk Interconnect with Polk County
2. Maximum number of ERCs \* which can be served. N/A Bulk Interconnect with Polk County
3. Present system connection capacity (in ERCs \*) using existing lines. N/A Bulk Interconnect with Polk County
4. Future connection capacity (in ERCs \*) upon service area buildout. N/A Bulk Interconnect with Polk County
5. Estimated annual increase in ERCs \*. 0-1
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 550 gpm residential, 1000 gpm commercial
7. Attach a description of the fire fighting facilities. Fire hydrants throughout the system.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020: Perform chlorine dioxide pilot study.  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? None filed
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 6511421
12. Water Management District Consumptive Use Permit # \_\_\_\_\_
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? None  
\_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE TARPON / PINELLAS

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.000	1.408	0.071 *	1.337	1.305
February	0.000	1.505	0.076 *	1.429	1.352
March	0.102	1.489	0.075 *	1.516	1.533
April	0.000	1.453	0.073 *	1.380	1.325
May	0.000	1.319	0.067 *	1.253	1.182
June	0.000	1.056	0.078 *	0.978	0.997
July	0.000	1.008	0.051 *	0.957	0.885
August	0.006	0.941	0.048 *	0.899	0.825
September	0.000	1.070	0.054 *	1.016	0.936
October	0.000	1.198	0.060 *	1.138	1.159
November	0.000	1.271	0.064 *	1.207	1.142
December	0.000	1.371	0.069 *	1.302	1.227
Total for Year	0.108	15.089	0.785 *	14.412	13.866

\*Adjusted for Source Meter Register Error.

If water is purchased for resale, indicate the following:

Vendor Emergency interconnect with Pinellas County

Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

List for each source of supply: Well #1	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	300 gpm	288,000	Well
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE TARPON / PINELLAS

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.720 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chloramination	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:	_____	Manufacturer:	_____
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT 31-Dec-19
-----------------------------

SYSTEM NAME / COUNTY :

LAKE TARPON / PINELLAS

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	505	505
5/8"	Displacement	1.0	2	2
3/4"	Displacement	1.5		0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
* Includes seven 1" meters				
			Total Water System Meter Equivalents	539

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$13.886/365/350=109 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE TARPON / PINELLAS

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 571
2. Maximum number of ERCs \* which can be served. 571
3. Present system connection capacity (in ERCs \*) using existing lines. 571
4. Future connection capacity (in ERCs \*) upon service area buildout. 571
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 550 gpm
7. Attach a description of the fire fighting facilities. Fire hydrants, 500 gpm well and emergency interconnect with Pinellas County Utilities.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? None filed
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 6521000
12. Water Management District Consumptive Use Permit # 10350
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

BEAR LAKE / SEMINOLE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0.350	0.898	0.009 *	1.239	1.191
February	0.095	1.122	0.009 *	1.208	1.125
March	0.000	1.526	0.003 *	1.523	1.358
April	0.000	1.490	0.003 *	1.487	1.357
May	0.000	1.687	0.003 *	1.683	1.436
June	0.057	1.364	0.008 *	1.414	1.352
July	0.038	1.350	0.010 *	1.378	1.277
August	0.015	1.363	0.008 *	1.370	1.270
September	0.000	1.532	0.006 *	1.526	1.343
October	0.000	1.497	0.007 *	1.489	1.414
November	0.000	1.456	0.007 *	1.449	1.264
December	0.266	1.183	0.010 *	1.440	1.309
Total for Year	0.822	16.467	0.083 *	17.207	15.697

If water is purchased for resale, indicate the following:

Vendor Emergency interconnect with Seminole County  
 Point of delivery Bear Lake and Ann Drive

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

\* Adjusted for Source Water Meter Error

List for each source of supply: Well #1	Based on 16hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
	220 gpm	211,200	Well

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

BEAR LAKE / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>0.259 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Wellhead</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

BEAR LAKE / SEMINOLE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	220	220
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				<u>234</u>

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

(a)

If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b)

If no historical flow data are available, use:

ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

15.697/365/350=123 ERC's

W-13

GROUP Seminole

SYSTEM Bear Lake



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

BEAR LAKE / SEMINOLE

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERCs \* the system can efficiently serve. 370
2. Maximum number of ERCs \* which can be served. 370
3. Present system connection capacity (in ERCs \*) using existing lines. 370
4. Future connection capacity (in ERCs \*) upon service area buildout. 370
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_
7. Attach a description of the fire fighting facilities. N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Over 5 years ago
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3590069
12. Water Management District Consumptive Use Permit # 8348
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

JANSEN / SEMINOLE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		1.585	-0.021 *	1.606	1.564
February		1.416	-0.012 *	1.427	1.357
March		1.839	0.099 *	1.740	1.699
April		1.669	0.002 *	1.666	1.627
May		2.136	0.001 *	2.134	1.879
June		1.831	0.015 *	1.815	1.935
July		1.817	0.021 *	1.796	1.717
August		1.729	0.001 *	1.729	1.597
September		2.333	0.016 *	2.317	1.689
October		2.212	0.011 *	2.201	1.785
November		1.721	0.007 *	1.714	1.573
December		1.709	-0.005 *	1.715	1.641
Total for Year		21.996	0.137	21.859	20.063

If water is purchased for resale, indicate the following:

Vendor None  
Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* Adjusted for Source Water Meter Error

List for each source of supply:	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	240 gpm	230,400	Well
Well #2	190 gpm	182,400	Well
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

JANSEN / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.309 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination, Corrosion Control	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

JANSEN / SEMINOLE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential**		1.0	259	259
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
**includes 4 1" meters Total Water System Meter Equivalents				263

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$20.063/365/350=157 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

JANSEN / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 441

2. Maximum number of ERCs \* which can be served. 441

3. Present system connection capacity (in ERCs \*) using existing lines. 441

4. Future connection capacity (in ERCs \*) upon service area buildout. 441

5. Estimated annual increase in ERCs \*. 0 - 1

6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_

7. Attach a description of the fire fighting facilities. Four (4) hydrants; wells produce 425 gpm

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020 - 2021: Replace remaining AC and galvanized pipe.

9. When did the company last file a capacity analysis report with the DEP? Unknown

10. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? No

11. Department of Environmental Protection ID # 3590615

12. Water Management District Consumptive Use Permit # 8347

a. Is the system in compliance with the requirements of the CUP? Yes

b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LITTLE WEKIVA / SEMINOLE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		0.288	0.005	0.283	0.274
February		0.255	0.002	0.253	0.231
March		0.320	0.015	0.306	0.280
April		0.325	0.014	0.312	0.292
May		0.380	0.017	0.363	0.326
June		0.319	-0.005	0.325	0.302
July		0.313	-0.004	0.317	0.275
August		0.285	-0.003	0.288	0.256
September		0.298	-0.004	0.302	0.266
October		0.440	-0.008	0.449	0.390
November		0.475	0.012	0.463	0.445
December		0.289	0.006	0.284	0.247
Total for Year		3.987	0.046	3.941	3.584

If water is purchased for resale, indicate the following:

Vendor None  
Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Based on 16 hrs/day

List for each source of supply: Well #1	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
_____	100 gpm	96,000	Well
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LITTLE WEKIVA / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.047 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT 31-Dec-19
-----------------------------

SYSTEM NAME / COUNTY :

LITTLE WEKIVA / SEMINOLE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	61	61
5/8"	Displacement	1.0		
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Water System Meter Equivalents				<u>61</u>

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$3.584/365/350=28 \text{ ERC's}$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LITTLE WEKIVA / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 107
2. Maximum number of ERCs \* which can be served. 107
3. Present system connection capacity (in ERCs \*) using existing lines. 107
4. Future connection capacity (in ERCs \*) upon service area buildout. 107
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_
7. Attach a description of the fire fighting facilities. N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020: Install emergency generator and ATS at Little Wekiva WTP.
9. When did the company last file a capacity analysis report with the DEP? Over 5 years ago
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3590762
12. Water Management District Consumptive Use Permit # 8349
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

OAKLAND SHORES / SEMINOLE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.001	1.958	0.023 *	1.936	1.837
February	0.000	1.781	0.021 *	1.760	1.727
March	0.000	2.225	0.026 *	2.199	2.201
April	0.001	2.256	0.027 *	2.231	2.233
May	0.171	2.724	-0.014 *	2.909	2.537
June	0.000	2.415	-0.087 *	2.502	2.467
July	0.000	2.109	-0.078 *	2.187	2.119
August	0.004	2.039	-0.075 *	2.118	1.869
September	0.000	2.342	-0.087 *	2.429	2.027
October	0.067	2.715	-0.101 *	2.884	2.490
November	0.012	2.368	-0.076 *	2.456	2.265
December	0.000	1.972	-0.073 *	2.045	1.979
Total for Year	<u>0.256</u>	<u>26.905</u>	<u>-0.494 *</u>	<u>27.655</u>	<u>25.751</u>

\*Adjusted for Source Meter Register Error

If water is purchased for resale, indicate the following:

Vendor City of Altamonte Springs emergency interconnect only

Point of delivery Faith Ave. @ Maitland Ave.

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

Based on 16 hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	<u>395 gpm</u>	<u>379,200</u>	<u>Well</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

OAKLAND SHORES / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.360 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	High Service Pumps	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination / Aeration	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

OAKLAND SHORES / SEMINOLE

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	218 *	218
5/8"	Displacement	1.0	4	4
3/4"	Displacement	1.5		
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Water System Meter Equivalents				<u>232</u>

\*includes eight -- 1" residential meters.

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$25.751/365/350=202 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

OAKLAND SHORES / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERCs \* the system can efficiently serve. 489
2. Maximum number of ERCs \* which can be served. 489
3. Present system connection capacity (in ERCs \*) using existing lines. 489
4. Future connection capacity (in ERCs \*) upon service area buildout. 489
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm
7. Attach a description of the fire fighting facilities. Four (4) hydrants; high service pump capacity of 500 gpm and 6" emergency interconnect with City of Altamonte Springs.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Over 5 years ago
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3590912
12. Water Management District Consumptive Use Permit # 8345
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PARK RIDGE / SEMINOLE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		0.486	0.013 *	0.473	0.460
February		0.475	0.014 *	0.461	0.474
March		0.521	0.018 *	0.502	0.505
April		0.519	0.018 *	0.501	0.508
May		0.590	0.020 *	0.570	0.551
June		0.592	0.020 *	0.572	0.503
July		0.556	0.019 *	0.537	0.528
August		0.540	0.019 *	0.520	0.493
September		0.527	0.019 *	0.508	0.519
October		0.499	0.018 *	0.481	0.494
November		0.497	0.019 *	0.478	0.491
December		0.493	0.018 *	0.475	0.472
Total for Year		6.293	0.215	6.079	5.999

\*Adjusted for Source Meter Register Error

If water is purchased for resale, indicate the following:

Vendor NONE

Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Based on 16 hrs/day

List for each source of supply: Well #1	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
	300 gpm	288,000	Well
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PARK RIDGE / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.246 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Wellhead	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Chlorination, Corrosion Control	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:	_____	Manufacturer:	_____
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PARK RIDGE / SEMINOLE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	106	106
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Water System Meter Equivalents				107

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$5.999/365/350=47 \text{ ERC's}$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PARK RIDGE / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 125

2. Maximum number of ERCs \* which can be served. 125

3. Present system connection capacity (in ERCs \*) using existing lines. 125

4. Future connection capacity (in ERCs \*) upon service area buildout. 125

5. Estimated annual increase in ERCs \*. None

6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_

7. Attach a description of the fire fighting facilities. N/A

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020: Install emergency generator and ATS at Park Ridge WTP

9. When did the company last file a capacity analysis report with the DEP? Over 5 years ago

10. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? Yes

11. Department of Environmental Protection ID # 3590993

12. Water Management District Consumptive Use Permit # 8353

a. Is the system in compliance with the requirements of the CUP? Yes

b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

RAVENNA PARK / SEMINOLE  
RAVENNA PARK & CRYSTAL LAKE COMBINED

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.000	3.197	0.047	3.150	2.990
February	0.001	3.018	0.060	2.959	2.695
March	0.000	3.346	0.120	3.226	3.208
April	0.001	3.440	0.111	3.330	3.244
May	0.000	4.084	0.106	3.979	3.755
June	0.001	3.487	0.112	3.377	3.379
July	0.002	3.357	0.079	3.280	3.128
August	0.002	3.426	0.096	3.332	3.162
September	0.002	3.401	0.102	3.300	3.245
October	0.001	3.376	0.113	3.264	3.258
November	0.002	3.215	0.385	2.832	2.998
December	0.009	3.202	0.085	3.126	3.031
Total for Year	<u>0.021</u>	<u>40.550</u>	<u>1.417</u>	<u>39.154</u>	<u>38.092</u>

If water is purchased for resale, indicate the following:

Vendor Emergency interconnects with 1) City of Sanford & 2) the City of Lake Mary  
 Point of delivery 1) Country Club Road @ Sunset Drive R/W & 106 Grove Lane  
2) Country Club Road east of Rantaul Rd.

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

\*\*The above July thru December numbers include the Phillips System which was interconnected 7/25/18.

List for each source of supply: Well #1 Well #2 Well #3	Based on 16 hrs/day		TYPE OF SOURCE
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	
	200 gpm	192,000	Well
	240 gpm	230,400	Well
	100 gpm	96,000	Well

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

RAVENNA PARK / SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____ 0.300 mgd _____	
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____ Wellhead _____	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____ Aeration / Chlorination _____	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	_____ N/A _____	Manufacturer: _____ N/A _____
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	_____ N/A _____	Manufacturer: _____ N/A _____
Gravity (in GPM/square feet):	_____ N/A _____	Manufacturer: _____ N/A _____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

RAVENNA PARK / SEMINOLE  
RAVENNA PARK & CRYSTAL LAKE COMBINED

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	611	611
5/8"	Displacement	1.0		0
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0	1	16
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				<u>627</u>

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$38.092/365/350=299 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

RAVENNA PARK / SEMINOLE  
RAVENNA PARK & CRYTAL LAKE COMBINED

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 1099
2. Maximum number of ERCs \* which can be served. 1099
3. Present system connection capacity (in ERCs \*) using existing lines. 713
4. Future connection capacity (in ERCs \*) upon service area buildout. 713
5. Estimated annual increase in ERCs \*. None
6. Is the utility required to have fire flow capacity? No  
If so, how much capacity is required? \_\_\_\_\_
7. Attach a description of the fire fighting facilities. N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Over 5 years ago
10. If the present system does not meet the requirements of DEP rules: N/A
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? \_\_\_\_\_
  - c. When will construction begin? \_\_\_\_\_
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? \_\_\_\_\_
11. Department of Environmental Protection ID # 3591061
12. Water Management District Consumptive Use Permit # 8352
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A  
\_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD/SEMINOLE  
WEATHERSFIELD/TRAIL WOODS/OAKLAND HILLS COMBINED

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.000	6.013	0.011 *	6.003	5.606
February	0.000	5.576	-0.009 *	5.585	5.148
March	0.000	6.533	0.054 *	6.479	6.208
April	0.000	6.496	-0.008 *	6.504	6.072
May	0.000	7.262	-0.015 *	7.277	6.761
June	0.000	6.456	-0.020 *	6.476	6.127
July	0.499	6.064	-0.021 *	6.584	6.207
August	0.000	6.212	-0.039 *	6.251	5.977
September	0.000	6.408	-0.040 *	6.448	6.079
October	0.000	6.270	-0.002 *	6.272	5.953
November	0.893	5.179	0.088 *	5.984	5.662
December	0.000	6.146	-0.017 *	6.163	5.783
Total for Year	1.392	74.615	-0.017 *	76.024	71.583

If water is purchased for resale, indicate the following:

Vendor Emergency interconnect with the City of Altamonte Springs.  
Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

None

\*Adjusted for Source Meter Register Error.

Based on 16 hrs/day

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	550 gpm	528,000	Well
Well #2	1000 gpm	960,000	Well
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD/SEMINOLE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>0.864 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>High Service Pumps</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination, Aeration</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD / SEMINOLE  
WEATHERSFIELD/TRAILWOODS/OAKLAND HILLS/COMBINED

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,193	1,193
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Water System Meter Equivalents				1,220

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

71.583/365/350=561 ERC's



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERCs \* the system can efficiently serve. 2,629
2. Maximum number of ERCs \* which can be served. 2,629
3. Present system connection capacity (in ERCs \*) using existing lines. 1,264
4. Future connection capacity (in ERCs \*) upon service area buildout. 1,264
5. Estimated annual increase in ERCs \*. 0
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 1,500 gpm
7. Attach a description of the fire fighting facilities. 31 hydrants; High Service pumps produce 1,500 gpm
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
2020: Replace WM crossing Little Wekiva River at Northwestern Ave. bridge per county bridge replacement schedule.
9. When did the company last file a capacity analysis report with the DEP? 2004
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3591451
12. Water Management District Consumptive Use Permit # 8346
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE  
Combined

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January	0.001	181.125	0.851	180.275	140.051
February	0.083	153.778	2.778	151.083	117.731
March	0.000	213.512	0.641	212.871	145.637
April	0.000	205.152	0.529	204.623	176.993
May	0.000	263.134	0.157	262.977	223.012
June	0.000	221.306	0.237	221.069	171.120
July	0.000	220.921	0.829	220.092	160.509
August	0.006	182.642	0.759	181.889	144.018
September	0.000	206.979	2.212	204.767	155.676
October	0.000	191.401	0.349	191.052	159.972
November	0.000	204.320	1.139	203.181	149.428
December	0.002	165.997	0.262	165.737	140.633
Total for Year	0.092	2,410,266	10.743	2,399,615	1,884,781

If water is purchased for resale, indicate the following:

Vendor \_\_\_\_\_

Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

Seminole County - Lake Brantley and Moredith Manor water system.

List for each source of supply:	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Des Pinar Well #1	590 gpm	566,400	Ground Water
Des Pinar Well #1A	2,700 gpm	2,592,000	Ground Water
Des Pinar Well #2	1,600 gpm	1,536,000	Ground Water
Des Pinar Well #2A	1,800 gpm	1,728,000	Ground Water
Des Pinar Well #2B	-----	N/A	Ground Water

CONTINUED ON NEXT PAGE

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GROUP \_\_\_\_\_  
SYSTEM SANLANDO \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE

List for each source of supply:	Based on 16 hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Knollwood Well #3	350 gpm	336,000	Ground Water
Knollwood Well #4	1,000 gpm	960,000	Ground Water
Wekiva Well #5	1,250 gpm	1,200,000	Ground Water
Wekiva Well #6	1,250 gpm	1,200,000	Ground Water
Wekiva Well #7	1,500 gpm	1,440,000	Ground Water
Wekiva Well #8	3,500 gpm	3,360,000	Ground Water
Wekiva Well #9	2,000 gpm	1,920,000	Ground Water

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE  
DES PINAR

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>6.261 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Storage Tanks &amp; High Service Pumps</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Aeration, Chlorination, Corrosion Control</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

**YEAR OF REPORT**  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE  
KNOLLWOOD

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	0.576 mgd	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Hydropneumatic Tank	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Aeration, Chlorination, Corrosion Control	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

W-12  
GROUP \_\_\_\_\_  
SYSTEM SANLANDO

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE  
WEKIVA HUNT CLUB

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>11.088 mgd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>High Service Pumps</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Aeration, Chlorination, Corrosion Control</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

W-12  
GROUP \_\_\_\_\_  
SYSTEM SANLANDO

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
Residential 5/8"		1.0	6,219	6,219
Residential 1"	Displacement	2.5	3,474	8,685
Residential 1.5"	Displacement	5.0	20	100
5/8"	Displacement	1.0	175	175
3/4"	Displacement	1.5		0
1"	Displacement	2.5	205	513
1 1/2"	Displacement or Turbine	5.0	129	645
2"	Displacement, Compound or Turbine	8.0	136	1,088
3"	Displacement	15.0	12	180
3"	Compound	16.0	14	224
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	13	325
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0	3	150
6"	Turbine	62.5	1	63
8"	Compound	80.0	1	80
8"	Turbine	90.0	3	270
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				<u>18,751</u>

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$$

ERC Calculation:

$$1,884,781/365/350=14,754 \text{ ERCs}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 22,028

2. Maximum number of ERCs \* which can be served. 22,028

3. Present system connection capacity (in ERCs \*) using existing lines. 22,028

4. Future connection capacity (in ERCs \*) upon service area buildout. 22,028

5. Estimated annual increase in ERCs \*. 30-50

6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? Varies by type of use

7. Attach a description of the fire fighting facilities. Hydrants and private fire services are capable of providing required fire flow.

8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.  
2020: Replace 14" transmission main on power line easement; relocate watermain on E.E. Williamson Rd. in conflict with County road project; refurbish (4ea) GST's.

9. When did the company last file a capacity analysis report with the DEP? 2011

10. If the present system does not meet the requirements of DEP rules:
- a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No

11. Department of Environmental Protection ID # 3591121

12. Water Management District Consumptive Use Permit # 160
- a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? N/A

\* An ERC is determined based on the calculation on the bottom of Page W-13.



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		2.428	0.035	2.393	2.234
February		2.424	0.035	2.390	2.254
March		2.784	0.019	2.765	2.572
April		2.062	-0.007	2.069	1.966
May		1.517	0.068	1.449	1.495
June		1.312	0.118	1.194	1.232
July		1.312	0.074	1.238	1.183
August		1.358	0.074	1.284	1.246
September		1.669	0.237	1.432	1.428
October		1.698	0.112	1.586	1.599
November		2.103	0.146	1.956	1.857
December		2.247	0.155	2.091	2.151
Total for Year		22.913	1.067	21.846	21.217

If water is purchased for resale, indicate the following:

Vendor NONE

Point of delivery NONE

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE

List for each source of supply:	Based on 16hrs/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	875gpm	840,000	WELL
Well #2	200gpm	192,000	WELL

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	<u>490,000 gpd</u>		
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	<u>Storage Tank</u>		
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination, iron sequestrant</u>		
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:			
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	<u>N/A</u>

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	893	892
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5	1	63
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Water System Meter Equivalents				987

CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

ERC Calculation:

$$21.217/365/350=166 \text{ ERC's}$$

W-13

GROUP \_\_\_\_\_

SYSTEM Forest Lake Estates (Labrador)

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERC's \* the system can efficiently serve. 1,174
2. Maximum number of ERCs \* which can be served. 1,200
3. Present system connection capacity (in ERCs \*) using existing lines. 1,200
4. Future connection capacity (in ERCs \*) upon service area buildout. 1,200
5. Estimated annual increase in ERCs \*. 0
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm for two hours
7. Attach a description of the fire fighting facilities. Two water wells, fire hydrants, four HSPs, and 34,000-gallon GST.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? N/A
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? \_\_\_\_\_
  - c. When will construction begin? \_\_\_\_\_
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 6514842
12. Water Management District Consumptive Use Permit # 6867
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PENNBROOKE / LAKE

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE ( Omit 000's ) (b)	FINISHED WATER PUMPED FROM WELLS ( Omit 000's ) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED ( Omit 000's ) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS ( Omit 000's ) (f)
January		9.551	0.206	9.345	8.787
February		9.481	0.226	9.255	8.199
March		12.070	0.342	11.728	10.622
April		11.593	0.336	11.257	10.928
May		13.545	0.426	13.119	11.988
June		11.871	0.328	11.543	11.515
July		11.045	0.299	10.746	10.317
August		8.975	0.247	8.728	8.519
September		11.677	0.322	11.355	10.489
October		13.138	0.360	12.778	12.635
November		11.482	0.310	11.172	10.348
December		10.097	0.276	9.821	9.514
Total for Year		134.525	3.678	130.847	123.861

If water is purchased for resale, indicate the following:

Vendor: NONE  
Point of delivery: NONE

If water is sold to other water utilities for redistribution, list names of such utilities below:

NONE

List for each source of supply:	Based on 1Ghr/day		
	CAPACITY OF WELL	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
WELL # 1	900GPM	864,000	GROUNDWATER
WELL # 2	900GPM	864,000	GROUNDWATER

W-11  
GROUP \_\_\_\_\_  
SYSTEM PENNBROOKE

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PENNBROOKE / LAKE

**WATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each water treatment facility

Permitted Capacity of Plant (GPD):	_____	1,296,000	_____
Location of measurement of capacity (i.e. Wellhead, Storage Tank):	_____	Well head	_____
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	_____	Aeration/Chlorination/Iron Sequestrant	_____
<b>LIME TREATMENT</b>			
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer:	<u>N/A</u>
<b>FILTRATION</b>			
Type and size of area:	_____	Manufacturer:	_____
Pressure (in square feet):	<u>N/A</u>	Manufacturer:	_____
Gravity (in GPM/square feet):	<u>N/A</u>	Manufacturer:	_____

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PENNBROOKE / LAKE

**CALCULATION OF THE WATER SYSTEM METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,338	1,338
5/8"	Displacement	1.0	34	38
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		5
2"	Displacement, Compound or Turbine	8.0	15	72
3"	Displacement	15.0	2	45
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0	1	25
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
				<u>1,523</u>

**CALCULATION OF THE WATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one water equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

ERC Calculation:

$$123,861/365/350=970 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY:

PENNBROOKE / LAKE

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present ERCs \* the system can efficiently serve. 1,600
2. Maximum number of ERCs \* which can be served. 1,600
3. Present system connection capacity (in ERCs \*) using existing lines. 1,600
4. Future connection capacity (in ERCs \*) upon service area buildout. 1,600
5. Estimated annual increase in ERCs \*. 0
6. Is the utility required to have fire flow capacity? Yes  
If so, how much capacity is required? 500 gpm
7. Attach a description of the fire fighting facilities. Fire hydrants throughout service area, HSP's, 3-GST's.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. When did the company last file a capacity analysis report with the DEP? Unknown
10. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules. N/A
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
11. Department of Environmental Protection ID # 3354653
12. Water Management District Consumptive Use Permit # 2717
  - a. Is the system in compliance with the requirements of the CUP? Yes
  - b. If not, what are the utility's plans to gain compliance? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* An ERC is determined based on the calculation on the bottom of Page W-13.



Reconciliation of Revenue to  
Regulatory Assessment Fee Revenue  
Water Operations

YEAR OF REPORT 31-Dec-19
-----------------------------

UTILITY NAME: UTILITIES, INC. OF FLORIDA

(A)	(B)	(C)	(D)
Accounts	Gross Water Revenues per Sch W-9	Gross Water Revenues per RAF Return	Difference (B)-(C)
Gross Revenues:			
Unmetered Water Revenues	-		
Total Metered Sales	16,008,689	16,653,600	(644,911)
Total Fire Protection Revenue	27,140	-	27,140
Other Sales to Public Authorities	-		-
Sales to Irrigation Customers	-		-
Sales for Resale	-		-
Interdepartmental Sales	-		-
Total Other Water Revenue	360,498	-	360,498
Total Water Operating Revenue	16,396,327	16,653,600	(257,273)
Less: Expense for Purchased Water from FPSC Regulated Utility			-
Net Water Operating Revenues	16,396,327	16,653,600	(257,273)

**WASTEWATER  
OPERATION  
SECTION**



UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : Various

**SCHEDULE OF YEAR END WASTEWATER RATE BASE**

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	WASTEWATER UTILITY (d)
101	Utility Plant In Service	S-4A	\$ 140,781,190
	Less:		
	Nonused and Useful Plant (1)		1,208,354
108	Accumulated Depreciation	S-6B	64,005,494
110	Accumulated Amortization	F-8	-
271	Contributions In Aid of Construction	S-7	45,793,601
252	Advances for Construction	F-20	
Subtotal			\$ 29,773,741
	Add:		
272	Accumulated Amortization of Contributions in Aid of Construction	S-8A	\$ 31,230,006
Subtotal			\$ 61,003,747
	Plus or Minus:		
114	Acquisition Adjustments (2)	F-7	1,236,461
115	Accumulated Amortization of Acquisition Adjustments (2)	F-7	163,934
	Working Capital Allowance (3)		1,731,464
	Other (Specify):		-
<b>WASTEWATER RATE BASE</b>			<b>\$ 64,135,606</b>
<b>WASTEWATER OPERATING INCOME</b>		<b>S-3</b>	<b>\$ 4,666,446</b>
<b>ACHIEVED RATE OF RETURN (Wastewater Operating Income / Wastewater Rate Base)</b>			<b>7.28%</b>

NOTES (1) Estimate based on the methodology used in the last rate proceeding.

(2) Include only those Acquisition Adjustments that have been approved by the Commission.

(3) Calculation consistent with last rate proceeding.  
In absence of a rate proceeding, Class A utilities will use the Balance Sheet Method and Class B Utilities will use the One-eighth Operating and Maintenance Expense Method.

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY : Various

**WASTEWATER OPERATING STATEMENT**

ACCT. NO. (a)	ACCOUNT NAME (b)	REFERENCE PAGE (c)	WASTEWATER UTILITY (d)
	UTILITY OPERATING INCOME		
400	Operating Revenues	S-9A	\$ 20,862,933
530	Less: Guaranteed Revenue (and AFPI)	S-9A	742,977
	Net Operating Revenues		\$ 20,119,957
401	Operating Expenses	S-10A	\$ 10,494,286
403	Depreciation Expense	S-6A	5,073,700
	Less: Amortization of CIAC	S-8A	(1,316,640)
	Net Depreciation Expense		\$ 3,757,060
406	Amortization of Utility Plant Acquisition Adjustment	F-7	509
407	Amortization Expense (Other than CIAC)	F-8	-
	Taxes Other Than Income		
408.1	Utility Regulatory Assessment Fee		811,540
408.11	Property Taxes		663,214
408.12	Payroll Taxes		212,025
408.13	Other Taxes and Licenses		704
408	Total Taxes Other Than Income		\$ 1,687,484
409.1	Income Taxes		132,693
410.1	Deferred Federal Income Taxes		(548,003)
410.11	Deferred State Income Taxes		(69,390)
411.1	Provision for Deferred Income Taxes - Credit		-
412.1	Investment Tax Credits Deferred to Future Periods		-
412.11	Investment Tax Credits Restored to Operating Income		(1,128)
	Utility Operating Expenses		\$ 15,453,511
	Utility Operating Income		\$ 4,666,446
	Add Back:		
530	Guaranteed Revenue (and AFPI)	S-9A	\$ 742,977
413	Income From Utility Plant Leased to Others		-
414	Gains (losses) From Disposition of Utility Property		23,897
420	Allowance for Funds Used During Construction		90,472
	Total Utility Operating Income		\$ 5,523,792

**UTILITY NAME:** UTILITIES, INC. OF FLORIDA - All systems Combined

**SYSTEM NAME / COUNTY :** Various

**WASTEWATER UTILITY PLANT ACCOUNTS**

ACCT. NO. (a)	ACCOUNT NAME (b)	PREVIOUS YEAR (c)	ADDITIONS (d)	RETIREMENTS (e)	CURRENT YEAR (f)
351	Organization	\$ 141,958	\$ -	\$ -	\$ 141,958
352	Franchises	20,798	-	-	20,798
353	Land and Land Rights	741,233	(228,499)	-	512,734
354	Structures and Improvements	43,669,782	239,932	(194,872)	43,714,841
355	Power Generation Equipment	2,067,667	245,701	-	2,313,368
360	Collection Sewers - Force	8,531,621	134,897	(14,104)	8,652,414
361	Collection Sewers - Gravity	25,814,774	1,341,410	(77,119)	27,079,065
361	Manholes	3,001,552	338,963	-	3,340,515
362	Special Collecting Structures	8,350	-	-	8,350
363	Services to Customers	1,993,291	341,747	(2,772)	2,332,266
364	Flow Measuring Devices	722,699	10,916	(5,535)	728,081
365	Flow Measuring Installations	497	-	-	497
366	Reuse Services	1,098,433	2,409	(2,408)	1,098,433
367	Reuse Meters and Meter Installations	111,044	(0)	-	111,044
370	Receiving Wells	608,827	1,750	-	610,577
371	Pumping Equipment	2,751,745	659,183	(175,623)	3,235,305
374	Reuse Distribution Reservoirs	64,206	1,780	(1,780)	64,206
375	Reuse Transmission and Distribution System	14,901,175	1	-	14,901,175
380	Treatment and Disposal Equipment	17,472,873	283,819	(80,494)	17,676,198
381	Plant Sewers	3,423,936	38,069	(15,744)	3,446,261
382	Outfall Sewer Lines	714,067	2,460	(1,523)	715,004
389	Other Plant Miscellaneous Equipment	2,493,322	(2,266,371)	-	226,951
390	Office Furniture and Equipment	3,960,768	691,576	-	4,652,344
391	Transportation Equipment	1,732,420	133,428	-	1,865,848
392	Stores Equipment	3,019	42	-	3,061
393	Tools, Shop and Garage Equipment	294,086	(8,838)	(1,738)	283,510
394	Laboratory Equipment	90,139	16,021	(10,687)	95,474
395	Power Operated Equipment	88,891	24,998	(4,646)	109,243
396	Communication Equipment	116,583	51,772	-	168,355
397	Miscellaneous Equipment	111,407	(14,731)	-	96,676
398	Other Tangible Plant	266,288	2,310,351	-	2,576,638
	Total Wastewater Plant	\$ 136,462,457	\$ 4,352,785	\$ (589,045)	\$ 140,781,190

**NOTE:** Any adjustments made to reclassify property from one account to another must be footnoted. Additions are netted against all Commission Order Adjustments.

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY: Various

WASTEWATER UTILITY PLANT MATRIX

ACCT. NO.	ACCOUNT NAME	.1 INTANGIBLE PLANT (g)	.2 COLLECTION PLANT (h)	.3 SYSTEM PUMPING PLANT (i)	.4 TREATMENT AND DISPOSAL (j)	.5 RECLAIMED WASTEWATER TREATMENT PLANT (i)	.6 RECLAIMED WASTEWATER DISTRIBUTION PLANT (j)	.7 GENERAL PLANT (k)
351	Organization	\$ 141,958						
352	Franchises	20,798						
353	Land and Land Rights		512,734					
354	Structures and Improvements		541,452	12,093,835	17,604,036	27,206	35,773	13,412,539
355	Power Generation Equipment		2,313,368					
360	Collection Sewers - Force		8,652,414					
361	Collection Sewers - Gravity		27,079,065					
361	Manholes		3,340,515					
362	Special Collecting Structures		8,350					
363	Services to Customers		2,332,266					
364	Flow Measuring Devices		728,081					
365	Flow Measuring Installations		497					
366	Reuse Services		1,098,433					
367	Reuse Meters and Meter Installations		111,044					
370	Receiving Wells			610,577				
371	Pumping Equipment			3,235,305				
374	Reuse Distribution Reservoirs			64,206				
375	Reuse Transmission and Distribution System			1,209,477			14,965,381	
380	Treatment and Disposal Equipment				17,676,198			
381	Plant Sewers					3,446,261		
382	Outfall Sewer Lines				715,004			
389	Other Plant Miscellaneous Equipment				90,216	6,364	23,660	
390	Office Furniture and Equipment		50,843	55,868				4,652,344
391	Transportation Equipment							1,865,848
392	Stores Equipment							3,061
393	Tools, Shop and Garage Equipment							283,510
394	Laboratory Equipment							95,474
395	Power Operated Equipment							109,243
396	Communication Equipment							168,355
397	Miscellaneous Equipment							96,676
398	Other Tangible Plant							2,576,638
	Total Wastewater Plant	\$ 162,756	\$ 46,769,062	\$ 17,269,268	\$ 36,085,454	\$ 3,479,831	\$ 15,024,814	\$ 23,263,689

NOTE: Any adjustments made to reclassify property from one account to another must be footnoted.

S-4(b)  
GROUP

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : Various

**BASIS FOR WASTEWATER DEPRECIATION CHARGES**

ACCT. NO. (a)	ACCOUNT NAME (b)	AVERAGE SERVICE LIFE IN YEARS (c)	AVERAGE NET SALVAGE IN PERCENT (d)	DEPRECIATION RATE APPLIED IN PERCENT (100% - d) / c (e)
351	Organization	50		2.00%
352	Franchises	40		2.50%
354	Structures and Improvements	32		3.13%
355	Power Generation Equipment	20		5.00%
360	Collection Sewers - Force	30		3.33%
361	Collection Sewers - Gravity	45		2.22%
362	Special Collecting Structures	40		2.50%
363	Services to Customers	38		2.63%
364	Flow Measuring Devices	5		20.00%
365	Flow Measuring Installations	38		2.63%
366	Reuse Services	40		2.50%
367	Reuse Meters and Meter Installations	20		5.00%
370	Receiving Wells	30		3.33%
371	Pumping Equipment	18		5.56%
375	Reuse Transmission and Distribution System	43		2.33%
380	Treatment and Disposal Equipment	18		5.56%
381	Plant Sewers	35		2.86%
382	Outfall Sewer Lines	30		3.33%
389	Other Plant Miscellaneous Equipment	10		10.00%
390	Office Furniture and Equipment	15		6.67%
391	Transportation Equipment	5		20.00%
392	Stores Equipment	18		5.56%
393	Tools, Shop and Garage Equipment	16		6.25%
394	Laboratory Equipment	15		6.67%
395	Power Operated Equipment	12		8.33%
396	Communication Equipment	10		10.00%
397	Miscellaneous Equipment	15		6.67%
398	Other Tangible Plant	10		10.00%
Wastewater Plant Composite Depreciation Rate *		=====	=====	=====

\* If depreciation rates prescribed by this Commission are on a total composite basis, entries should be made on this line only.



ANALYSIS OF ENTRIES IN WASTEWATER ACCUMULATED DEPRECIATION

NO. (a)	ACCT. ACCOUNT NAME (b)	BALANCE AT BEGINNING OF YEAR (c)	ACCRUALS (d)	OTHER CREDITS * (e)	TOTAL CREDITS (d + e) (f)
301	Organization	\$ 6,112	\$ 2,928	\$ 0	\$ 2,928
302	Franchises	14,998	520	0	520
354	Structures and Improvements	21,034,745	1,501,378	(848,786)	652,592
355	Power Generation Equipment	165,340	106,465	(235)	106,231
360	Collection Sewers - Force	3,006,446	286,374	24,058	310,432
361	Collection Sewers - Gravity	14,240,332	677,093	55,210	732,302
362	Special Collecting Structures	-	4,633	(4,633)	-
363	Services to Customers	861,749	52,344	13,227	65,571
364	Flow Measuring Devices	363,883	144,591	(1,953)	142,638
365	Flow Measuring Installations	-	7	(7)	-
366	Reuse Services	107,239	22,580	0	22,580
367	Reuse Meters and Meter Installations	23,904	5,428	(1,780)	3,649
370	Receiving Wells	262,552	20,314	0	20,314
371	Pumping Equipment	1,405,708	166,668	(1,354,744)	(1,188,076)
375	Reuse Transmission and Distribution System	4,254,214	347,860	(346,039)	1,821
380	Treatment and Disposal Equipment	8,961,728	964,160	(376,516)	587,644
381	Plant Sewers	62,725	97,925	7,131	105,056
382	Outfall Sewer Lines	770,671	23,824	3,168	26,992
389	Other Plant Miscellaneous Equipment	-	241,835	1,434,944	1,676,778
390	Office Furniture and Equipment	3,551,541	212,155	112,468	324,623
391	Transportation Equipment	1,249,309	155,657	(103,550)	52,107
392	Stores Equipment	162	170	179	349
393	Tools, Shop and Garage Equipment	311,276	12,551	(15,968)	(3,417)
394	Laboratory Equipment	19,131	6,071	17,151	23,222
395	Power Operated Equipment	(2,699)	8,533	(3,924)	4,609
396	Communication Equipment	62,313	3,512	56,571	60,083
397	Miscellaneous Equipment	94,469	6,609	(22,875)	(16,267)
398	Other Tangible Plant	61,271	1,515	(11,375)	(9,860)
Total Depreciable Wastewater Plant in Service		\$ 60,889,117	\$ 5,073,700	\$ (1,368,278)	\$ 3,705,422

\* Specify nature of transaction.  
Use ( ) to denote reversal entries.

OTHER CREDITS column (E) \* are due to allocation of UIF plant

**UTILITY NAME:** UTILITIES, INC. OF FLORIDA - All systems Combined

**SYSTEM NAME / COUNTY :** Various

**ANALYSIS OF ENTRIES IN WASTEWATER ACCUMULATED DEPRECIATION**

ACCT. NO.	ACCOUNT NAME (b)	PLANT RETIRED (g)	SALVAGE AND INSURANCE (h)	COST OF REMOVAL AND OTHER CHARGES (i)	TOTAL CHARGES (g-h+i) (j)	BALANCE AT END OF YEAR (e-f-j) (k)
301	Organization	\$ -	\$ -	\$ -	\$ -	\$ 9,039
302	Franchises	-	-	-	-	15,518
354	Structures and Improvements	194,872	-	-	194,872	21,492,465
355	Power Generation Equipment	-	-	-	-	271,571
360	Collection Sewers - Force	14,104	-	-	14,104	3,302,774
361	Collection Sewers - Gravity	77,119	-	-	77,119	14,895,515
362	Special Collecting Structures	-	-	-	-	-
363	Services to Customers	2,772	-	-	2,772	924,548
364	Flow Measuring Devices	5,535	-	-	5,535	500,986
365	Flow Measuring Installations	-	-	-	-	-
366	Reuse Services	2,408	-	-	2,408	-
367	Reuse Meters and Meter Installations	-	-	-	-	127,411
370	Receiving Wells	-	-	-	-	27,552
371	Pumping Equipment	175,623	-	-	175,623	282,866
375	Reuse Transmission and Distribution System	1,780	-	-	1,780	42,009
380	Treatment and Disposal Equipment	80,494	-	-	80,494	4,254,255
381	Plant Sewers	15,744	-	-	15,744	9,468,877
382	Outfall Sewer Lines	1,523	-	-	1,523	152,037
389	Other Plant Miscellaneous Equipment	-	-	-	-	796,140
390	Office Furniture and Equipment	-	-	-	-	1,676,778
391	Transportation Equipment	-	-	-	-	3,876,165
392	Stores Equipment	-	-	-	-	1,301,416
393	Tools, Shop and Garage Equipment	1,738	-	-	1,738	511
394	Laboratory Equipment	10,687	-	-	10,687	306,121
395	Power Operated Equipment	4,646	-	-	4,646	31,667
396	Communication Equipment	-	-	-	-	(2,736)
397	Miscellaneous Equipment	-	-	-	-	122,395
398	Other Tangible Plant	-	-	-	-	78,202
	Total Depreciable Wastewater Plant in Service	\$ 589,045	\$ -	\$ -	\$ 589,045	\$ 64,005,494

\* Specify nature of transaction.  
Use ( ) to denote reversal entries.



UTILITY NAME:

**UTILITIES, INC. OF FLORIDA - All systems Combined**

<b>YEAR OF REPORT</b> 31-Dec-19
------------------------------------

SYSTEM NAME / COUNTY : Various

**WASTEWATER CIAC SCHEDULE "A"**

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION RECEIVED FROM CAPACITY, MAIN EXTENSION AND CUSTOMER CONNECTION CHARGES RECEIVED DURING THE YEAR

DESCRIPTION OF CHARGE (a)	NUMBER OF CONNECTIONS (b)	CHARGE PER CONNECTION (c)	AMOUNT (d)
<b>SEWER CAPACITY FEES</b>	-	\$ -	\$ 118,710
<b>SEWER EXTENTION FEES</b>			175,263
<b>SEWER CONNECTION FEES</b>			1,800
Total Credits			\$ 177,063

**ACCUMULATED AMORTIZATION OF WASTEWATER CONTRIBUTIONS IN AID OF CONSTRUCTION**

DESCRIPTION (a)	WASTEWATER (b)
Balance first of year	\$ 29,913,366
Debits during the year:	
Accruals charged to Account 272	\$ 1,316,640
Other debits (specify) :	
_____	_____
_____	_____
Total debits	\$ 1,316,640
Credits during the year (specify) :	
_____	\$ _____
_____	_____
Total credits	\$ -
Balance end of year	\$ 31,230,006



#

**UTILITIES, INC. OF FLORIDA - All systems Combined****YEAR OF REPORT  
31-Dec-19**SYSTEM NAME / COUNTY : Various**WASTEWATER OPERATING REVENUE**

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS * (c)	YEAR END NUMBER OF CUSTOMERS * (d)	AMOUNTS (e)
<b>WASTEWATER SALES</b>				
	Flat Rate Revenues:			
521.1	Residential Revenues	2,577	970	\$ 5,330,464
521.2	Commercial Revenues			-
521.3	Industrial Revenues			-
521.4	Revenues From Public Authorities			-
521.5	Multiple Family Dwelling Revenues			-
521.6	Other Revenues			56,502
521	Total Flat Rate Revenues	2,577	970	\$ 5,386,966
	Measured Revenues:			
522.1	Residential Revenues	24,741	25,374	10,938,755
522.2	Commercial Revenues	1,034	1,033	3,094,084
522.3	Industrial Revenues			-
522.4	Revenues From Public Authorities			-
522.5	Multiple Family Dwelling Revenues			-
522	Total Measured Revenues	25,775	26,407	\$ 14,032,838
523	Revenues From Public Authorities			-
524	Revenues From Other Systems			-
525	Interdepartmental Revenues			-
	Total Wastewater Sales	28,352	27,377	\$ 19,419,804
<b>OTHER WASTEWATER REVENUES</b>				
530	Guaranteed Revenues			\$ 17,340
531	Sale of Sludge			-
532	Forfeited Discounts			179,190
534	Rents From Wastewater Property			-
535	Interdepartmental Rents			-
536	Other Wastewater Revenues			174,120
536	Other Wastewater Revenues (Including Allowance for Funds Prudently Invested or AFPI)			725,636
	Total Other Wastewater Revenues			\$ 1,096,286

\* Customer is defined by Rule 25-30.210(1), Florida Administrative Code.  
521.1 includes accruals

S-9(a)  
GROUP \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA - All systems Combined

**YEAR OF REPORT**

**31-Dec-19**

SYSTEM NAME / COUNTY : Various

**WASTEWATER OPERATING REVENUE**

ACCT. NO. (a)	DESCRIPTION (b)	BEGINNING YEAR NO. CUSTOMERS * (c)	YEAR END NUMBER OF CUSTOMERS * (d)	AMOUNTS (e)
<b>RECLAIMED WATER SALES</b>				
<b>Flat Rate Reuse Revenues:</b>				
540.1	Residential Reuse Revenues	_____	_____	\$ _____ -
540.2	Commercial Reuse Revenues	_____	_____	_____ -
540.3	Industrial Reuse Revenues	_____	_____	_____ -
540.4	Reuse Revenues From Public Authorities	_____	_____	_____ -
540.5	Other Revenues	_____	_____	_____ -
540	Total Flat Rate Reuse Revenues	_____	_____	\$ _____ -
<b>Measured Reuse Revenues:</b>				
541.1	Residential Reuse Revenues	808	808	346,843
541.2	Commercial Reuse Revenues	_____	_____	-
541.3	Industrial Reuse Revenues	_____	_____	-
541.4	Reuse Revenues From Public Authorities	_____	_____	-
541	Total Measured Reuse Revenues	_____	_____	\$ 346,843
544	Reuse Revenues From Other Systems	_____	_____	_____
<b>Total Reclaimed Water Sales</b>				\$ 346,843
<b>Total Wastewater Operating Revenues</b>				\$ <u>20,862,933</u>

\* Customer is defined by Rule 25-30.210(1), Florida Administrative Code.

UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY : Various

WASTEWATER UTILITY EXPENSE ACCOUNT MATRIX

ACCT. NO.	ACCOUNT NAME (b)	CURRENT YEAR (c)	.1 COLLECTION EXPENSES- OPERATIONS (d)	.2 COLLECTION EXPENSES- MAINTENANCE (e)	.3 PUMPING EXPENSES- OPERATIONS (f)	.4 PUMPING EXPENSES - MAINTENANCE (g)	.5 TREATMENT & DISPOSAL EXPENSES - OPERATIONS (h)	.6 TREATMENT & DISPOSAL EXPENSES - MAINTENANCE (i)
701	Salaries and Wages - Employees	\$ 2,613,825	\$ 248,814	\$ 248,814	\$ 248,814	\$ 248,814	\$ 248,814	\$ 248,814
703	Salaries and Wages - Officers, Directors and Majority Stockholders	198,741	-	-	-	-	-	-
704	Employee Pensions and Benefits	720,887	63,773	63,773	63,773	63,773	63,773	63,773
710	Purchased Sewage Treatment	1,469,022	-	-	-	-	1,469,022	-
711	Sludge Removal Expense	639,081	-	-	-	-	639,081	-
715	Purchased Power	1,220,697	406,899	-	406,899	-	406,899	-
716	Fuel for Power Purchased	-	-	-	-	-	-	-
718	Chemicals	420,056	70,009	70,009	70,009	70,009	70,009	70,009
720	Materials and Supplies	120,634	15,079	15,079	15,079	15,079	15,079	15,079
731	Contractual Services-Engineering	5,839	-	-	-	-	-	-
732	Contractual Services - Accounting	58,685	-	-	-	-	-	-
733	Contractual Services - Legal	3,296	-	-	-	-	-	-
734	Contractual Services - Mgt. Fees	626,524	-	-	-	-	-	-
735	Contractual Services - Testing	184,071	23,009	23,009	23,009	23,009	23,009	23,009
736	Contractual Services - Other	410,280	51,285	51,285	51,285	51,285	51,285	51,285
741	Rental of Building/Real Property	90,062	-	-	-	-	-	-
742	Rental of Equipment	13,079	1,635	1,635	1,635	1,635	1,635	1,635
750	Transportation Expenses	167,432	20,929	20,929	20,929	20,929	20,929	20,929
756	Insurance - Vehicle	-	-	-	-	-	-	-
757	Insurance - General Liability	286,369	35,796	35,796	35,796	35,796	35,796	35,796
758	Insurance - Workman's Comp.	-	-	-	-	-	-	-
759	Insurance - Other	-	-	-	-	-	-	-
760	Advertising Expense	47,681	5,960	5,960	5,960	5,960	5,960	5,960
766	Regulatory Commission Expenses	136	-	-	-	-	-	-
767	- Amortization of Rate Case Expense	166,398	-	-	-	-	-	-
770	Regulatory Commission Exp.-Other	1,906	-	-	-	-	-	-
775	Bad Debt Expense	47,826	-	-	-	-	-	-
775	Miscellaneous Expenses	981,757	122,720	122,720	122,720	122,720	122,720	122,720
	Total Wastewater Utility Expenses	\$ 10,494,286	\$ 1,065,909	\$ 659,010	\$ 1,065,909	\$ 659,010	\$ 3,174,012	\$ 659,010

S-10(a)  
GROUP \_\_\_\_\_



UTILITY NAME: UTILITIES, INC. OF FLORIDA - All systems Combined

SYSTEM NAME / COUNTY: Various

WASTEWATER UTILITY EXPENSE ACCOUNT MATRIX

ACCT. NO.	ACCOUNT NAME	.7 CUSTOMER ACCOUNTS EXPENSE (j)	.8 ADMIN. & GENERAL EXPENSES (k)	.9 RECLAIMED WATER TREATMENT EXPENSES- OPERATIONS (l)	.10 RECLAIMED WATER TREATMENT EXPENSES- MAINTENANCE (m)	.11 RECLAIMED WATER DISTRIBUTION EXPENSES- OPERATIONS (n)	.12 RECLAIMED WATER DISTRIBUTION EXPENSES- MAINTENANCE (o)
703	Salaries and Wages - Employees	\$ 213,120	\$ 907,819	\$ -	\$ -	\$ -	\$ -
703	Salaries and Wages - Officers, Directors and Majority Stockholders	-	198,741	-	-	-	-
704	Employee Pensions and Benefits	54,625	283,622	-	-	-	-
710	Purchased Sewage Treatment	-	-	-	-	-	-
711	Sludge Removal Expense	-	-	-	-	-	-
715	Purchased Power	-	-	-	-	-	-
716	Fuel for Power Purchased	-	-	-	-	-	-
718	Chemicals	-	-	-	-	-	-
720	Materials and Supplies	15,079	15,079	-	-	-	-
731	Contractual Services-Engineering	-	5,839	-	-	-	-
732	Contractual Services - Accounting	-	58,685	-	-	-	-
733	Contractual Services - Legal	-	3,296	-	-	-	-
734	Contractual Services - Mgt. Fees	-	626,524	-	-	-	-
735	Contractual Services - Testing	23,009	23,009	-	-	-	-
736	Contractual Services - Other	51,285	51,285	-	-	-	-
741	Rental of Building/Real Property	-	90,062	-	-	-	-
742	Rental of Equipment	1,635	1,635	-	-	-	-
750	Transportation Expenses	20,929	20,929	-	-	-	-
756	Insurance - Vehicle	-	-	-	-	-	-
757	Insurance - General Liability	35,796	35,796	-	-	-	-
758	Insurance - Workman's Comp.	-	-	-	-	-	-
759	Insurance - Other	5,960	5,960	-	-	-	-
760	Advertising Expense	136	136	-	-	-	-
766	Regulatory Commission Expenses	-	-	-	-	-	-
766	- Amortization of Rate Case Expense	-	166,398	-	-	-	-
767	Regulatory Commission Exp.-Other	-	1,906	-	-	-	-
770	Bad Debt Expense	47,826	-	-	-	-	-
775	Miscellaneous Expenses	122,720	122,720	-	-	-	-
Total Wastewater Utility Expenses		\$ 591,984	\$ 2,619,442	\$ -	\$ -	\$ -	\$ -

UTILITY NAME: UTILITIES, INC. OF FLORIDA  
 SYSTEM NAME / COUNTY : TIERRA VERDE / PINELLAS

YEAR OF REPORT  
 31-Dec-19

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential	**	1.0	959	959
5/8"	Displacement	1.0	10	10
3/4"	Displacement	1.5	1	1
1"	Displacement	2.5	20	50
1 1/2"	Displacement or Turbine	3.0	29	145
2"	Displacement, Compound or Turbine	8.0	37	296
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0	1	25
4"	Turbine	30.0		
6"	Displacement or Compound	50.0	2	100
6"	Turbine	62.5		
8"	Compound	80.0	1	80
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
**Count includes (190 ea) 1" & (5 ea) 1.5" residential meters. Total Wastewater System Meter Equivalents				1,675

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC). Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  
 $ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated. Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

117,039,965/280=1,146 ERC's

UTILITY NAME: UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : TIERRA VERDE / PINELLAS

**WASTEWATER TREATMENT PLANT INFORMATION**  
 Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	All sewage pumped to City of St. Petersburg	_____	_____
Basis of Permit Capacity	N/A	_____	_____
Manufacturer	N/A	_____	_____
Type	N/A	_____	_____
Hydraulic Capacity	N/A	_____	_____
Average Daily Flow	0.321 mgd	_____	_____
Total Gallons of Wastewater Treated	117.038 mg	_____	_____
Method of Effluent Disposal	N/A	_____	_____

UTILITY NAME: UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY : TIERRA VERDE / PINELLAS

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 2,128

2. Maximum number of ERCs\* which can be served 2,200

3. Present system connection capacity (in ERCs\*) using existing lines 2,200

4. Future connection capacity (in ERCs\*) upon service area buildout 2,200

5. Estimated annual increase in ERCs\* 0-5

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: Replace LS # 4 force main; Relocate gravity sewer due to conflicts with County road improvement project  
Correct collection system deficiencies found in video inspection. 2020-2021: Replace LS # 4; video inspect and  
clean trunk line on Pinellas Bayway and install liner where needed.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A

If so, when?

9. Has the utility been required by the DEP or water management district to implement reuse? N/A

If so, what are the utility's plans to comply with this requirement? N/A

10. When did the company last file a capacity analysis report with the DEP?

- 11. If the present system does not meet the requirements of DEP rules:
a. Attach a description of the plant upgrade necessary to meet the DEP rules.
b. Have these plans been approved by DEP?
c. When will construction begin?
d. Attach plans for funding the required upgrading.
e. Is this system under any Consent Order with DEP?

12. Department of Environmental Protection ID # N/A

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> 31-Dec-19
------------------------------------

SYSTEM NAME / COUNTY :

SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS**

<b>WATER METER SIZE</b> (a)	<b>TYPE OF WATER METER</b> (b)	<b>EQUIVALENT FACTOR</b> (c)	<b>NUMBER OF WATER METERS</b> (d)	<b>TOTAL NUMBER OF METER EQUIVALENTS</b> (c x d) (e)
All Residential		1.0	125	125
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5		0
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0	3	75
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
** Dec Ann Estates (70 units + clubhouse) served through 2" meter as of July 2007. Total Wastewater System Meter Equivalents				221

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.

Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:  $5.201/365/280=51 \text{ ERC's}$
--

UTILITY NAME: UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
---

SYSTEM NAME / COUNTY : SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	0.090 mgd		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Marolf		
Type (2)	Ext. Aeration		
Hydraulic Capacity	0.100 mgd		
Average Daily Flow	0.014 mgd		
Total Gallons of Wastewater Treated	5.201 mg		
Method of Effluent Disposal	Perc Ponds		

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

SUN 'N LAKES OF LAKE PLACID / HIGHLANDS

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served \_\_\_\_\_ 146 \_\_\_\_\_

2. Maximum number of ERCs\* which can be served \_\_\_\_\_ 321 \_\_\_\_\_

3. Present system connection capacity (in ERCs\*) using existing lines \_\_\_\_\_ 134 \_\_\_\_\_

4. Future connection capacity (in ERCs\*) upon service area buildout \_\_\_\_\_ 321 \_\_\_\_\_

5. Estimated annual increase in ERCs\* \_\_\_\_\_ 0-5 \_\_\_\_\_

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. \_\_\_\_\_ None \_\_\_\_\_

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? \_\_\_\_\_ No \_\_\_\_\_

If so, when? \_\_\_\_\_ N/A \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? \_\_\_\_\_ No \_\_\_\_\_

If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_ N/A \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? \_\_\_\_\_ 2015 \_\_\_\_\_

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? \_\_\_\_\_ N/A \_\_\_\_\_

c. When will construction begin? \_\_\_\_\_ N/A \_\_\_\_\_

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? \_\_\_\_\_ No \_\_\_\_\_

12. Department of Environmental Protection ID # \_\_\_\_\_ FLA014386 \_\_\_\_\_

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

**CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS**

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,589	1,589
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5		0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1,603

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.  
Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$40,037/365/280=392\text{ERC's}$$



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.190 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>3MADF</u>	_____	_____
Manufacturer	<u>Poured-In-Place &amp; Tube Tanks</u>	_____	_____
Type (2)	<u>Ext. Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.190 mgd</u>	_____	_____
Average Daily Flow	<u>0.110 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>40,037 mg</u>	_____	_____
Method of Effluent Disposal	<u>Golf Course Irrigation</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

CYPRESS LAKES / POLK

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 1,307

2. Maximum number of ERCs\* which can be served 1,650

3. Present system connection capacity (in ERCs\*) using existing lines 1,650

4. Future connection capacity (in ERCs\*) upon service area buildout 1,650

5. Estimated annual increase in ERCs\* 10

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system

2020: Pilot test chlorine dioxide pretreatment.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. Cypress Lakes Golf Course - 0.107 mgd

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A

If so, when? N/A

9. Has the utility been required by the DEP or water management district to implement reuse? N/A

If so, what are the utility's plans to comply with this requirement? N/A

10. When did the company last file a capacity analysis report with the DEP? 2018

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? \_\_\_\_\_

c. When will construction begin? \_\_\_\_\_

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # FLA 013123

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

EAGLE RIDGE / LEE

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	773	773
5/8"	Displacement	1.0	11	11
3/4"	Displacement	1.5		0
1"	Displacement	2.5	16	40
1 1/2"	Displacement or Turbine	5.0	37	185
2"	Displacement, Compound or Turbine	8.0	27	216
3"	Displacement	15.0	1	15
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1,240

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$73.874/365/280=723 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CROSS CREEK / LEE

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential	Master account	1.0	1	905
5/8"	Displacement	1.0		
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Wastewater System Meter Equivalents				905

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$19.981/365/280=196 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

EAGLE RIDGE / LEE

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.318 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>TMADF</u>	_____	_____
Manufacturer	<u>Davco</u>	_____	_____
Type (2)	<u>Ext Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.318 mgd</u>	_____	_____
Average Daily Flow	<u>0.202 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>73,874 mg</u>	_____	_____
Method of Effluent Disposal	<u>Golf Course Irrigation</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

SYSTEM NAME / COUNTY :

CROSS CREEK / LEE

YEAR OF REPORT  
31-Dec-19

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.249 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>MMADF</u>	_____	_____
Manufacturer	<u>Marolf</u>	_____	_____
Type (2)	<u>Extended Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.249 mgd</u>	_____	_____
Average Daily Flow	<u>0.055 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>19,981 mg</u>	_____	_____
Method of Effluent Disposal	<u>Golf Course Irrigation</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

EAGLE RIDGE / LEE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served      1,629 \_\_\_\_\_
2. Maximum number of ERCs\* which can be served      1,817 \_\_\_\_\_
3. Present system connection capacity (in ERCs\*) using existing lines      1,629 \_\_\_\_\_
4. Future connection capacity (in ERCs\*) upon service area buildout      1,629 \_\_\_\_\_
5. Estimated annual increase in ERCs\*      0 \_\_\_\_\_
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: Install SCADA at 11 Lift stations and WWTP; replace substandard pond liner; remove invasive plants/trees from Eagle Ridge WWTP site and replace fence; refurbish LS # 3.
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.      Eagle Ridge Golf and Country Club - 0.202 mgd
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?      N/A  
     If so, when? \_\_\_\_\_
9. Has the utility been required by the DEP or water management district to implement reuse? \_\_\_\_\_  
     If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_
10. When did the company last file a capacity analysis report with the DEP?      2017
11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP?      N/A
  - c. When will construction begin?      N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP?      No
12. Department of Environmental Protection ID #      FLA014498

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CROSS CREEK/LEE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

- 1. Present number of ERCs\* now being served 908
- 2. Maximum number of ERCs\* which can be served 908
- 3. Present system connection capacity (in ERCs\*) using existing lines 908
- 4. Future connection capacity (in ERCs\*) upon service area buildout 908
- 5. Estimated annual increase in ERCs\* 0

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2019 - 2020: Install SCADA equipment at Cross Creek WWTP and two lift stations.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. Cross Creek Golf Course - 0.055 mgd

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A  
If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? No  
If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? 2012

- 11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # FLA014505

\* An ERC is determined based on the calculation on S-11.



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

MID-COUNTY / PINELLAS

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	2,082	2,082
5/8"	Displacement	1.0	43	43
3/4"	Displacement	1.5		0
1"	Displacement	2.5	64	160
1 1/2"	Displacement or Turbine	5.0	43	215
2"	Displacement, Compound or Turbine	8.0	36	288
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0	7	350
6"	Turbine	62.5		0
8"	Compound	80.0	1	80
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				3,097

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.  
Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$329,241 / 365 / 280 = 3,222 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

MID-COUNTY / PINELLAS

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.900 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>AADF</u>	_____	_____
Manufacturer	<u>MAROLF</u>	_____	_____
Type (2)	<u>Advanced Treatment</u>	_____	_____
Hydraulic Capacity	<u>0.900 mgd</u>	_____	_____
Average Daily Flow	<u>0.902 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>329,241 mg</u>	_____	_____
Method of Effluent Disposal	<u>Surface Discharge</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

MID-COUNTY / PINELLAS

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 5,700

2. Maximum number of ERCs\* which can be served 5,800

3. Present system connection capacity (in ERCs\*) using existing lines 5,800

4. Future connection capacity (in ERCs\*) upon service area buildout 5,800

5. Estimated annual increase in ERCs\* 0-5

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system

2020: Replace master lift station; replace headworks; design and permit treatment plant upgrade to MBR treatment; install generators and ATS at LS #4 & LS #7; install SCADA equipment at all lift stations.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. None

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? Yes

If so, when? 2018

9. Has the utility been required by the DEP or water management district to implement reuse? No

If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? 2019

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules. None required

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? Yes, OGC #18-1197

12. Department of Environmental Protection ID # FL0034789

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE GROVES / LAKE

**CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS**

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	4,140	4140
5/8"	Displacement	1.0	18	18
3/4"	Displacement	1.5		0
1"	Displacement	2.5	15	38
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0	2	160
8"	Turbine	90.0		0
10"	Compound	115.0	1	115
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				4,489

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$199.663/365/280=1.954$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LAKE GROVES / LAKE

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.999</u> mgd	_____	_____
Basis of Permit Capacity (1)	<u>AADF</u>	_____	_____
Manufacturer	<u>US Filter</u>	_____	_____
Type (2)	<u>5-Stage Activated Sludge</u>	_____	_____
Hydraulic Capacity	<u>0.999</u> mgd	_____	_____
Average Daily Flow	<u>0.547</u> mgd	_____	_____
Total Gallons of Wastewater Treated	<u>199.663</u> mg	_____	_____
Method of Effluent Disposal	<u>Perc Ponds &amp; Residential Reuse</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit  
(i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

LAKE GROVES / LAKE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served      4,495 \_\_\_\_\_
2. Maximum number of ERCs\* which can be served      5,000 \_\_\_\_\_
3. Present system connection capacity (in ERCs\*) using existing lines \_\_\_\_\_
4. Future connection capacity (in ERCs\*) upon service area buildout      N/A \_\_\_\_\_
5. Estimated annual increase in ERCs\*      400 \_\_\_\_\_
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
\_\_\_\_\_  
\_\_\_\_\_
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. 125,592 mg to Mission Park, Citrus Highlands, Sawgrass Bay, Greater Lakes, Tradd's Landing, and Orange Tree subdivisions.  
\_\_\_\_\_  
\_\_\_\_\_
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?      N/A \_\_\_\_\_  
  
    If so, when?      \_\_\_\_\_
9. Has the utility been required by the DEP or water management district to implement reuse?      Yes \_\_\_\_\_  
  
    If so, what are the utility's plans to comply with this requirement?      Reuse implemented in 2012.  
\_\_\_\_\_  
\_\_\_\_\_
10. When did the company last file a capacity analysis report with the DEP?      2012 \_\_\_\_\_
11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules. \_\_\_\_\_
  - b. Have these plans been approved by DEP?      N/A \_\_\_\_\_
  - c. When will construction begin?      N/A \_\_\_\_\_
  - d. Attach a description of the plant upgrade necessary to meet the DEP rules. \_\_\_\_\_
  - e. Is this system under any Consent Order with DEP?      No \_\_\_\_\_
12. Department of Environmental Protection ID #      FLA010630 \_\_\_\_\_

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT 31-Dec-19
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SYSTEM NAME / COUNTY :

BARRINGTON / LAKE

**CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS**

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	148	148
5/8"	Displacement	1.0		0
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Tur	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				148

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:  8.487/365/280=83
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UTILITY NAME: UTILITIES, INC. OF FLORIDA

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
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SYSTEM NAME / COUNTY : BARRINGTON / LAKE

**WASTEWATER TREATMENT PLANT INFORMATION**  
 Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.049</u> mgd	_____	_____
Basis of Permit Capacity (1)	<u>AADF</u>	_____	_____
Manufacturer	<u>Mack Industries</u>	_____	_____
Type (2)	<u>Extended Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.049</u> mgd	_____	_____
Average Daily Flow, Annual	<u>0.023</u> mgd	_____	_____
Total Gallons of Wastewater Treated	<u>8.487</u> mg	_____	_____
Method of Effluent Disposal	<u>Perc Ponds Surface Discharge</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.



UTILITY NAME: UTILITIES, INC. OF FLORIDA

**YEAR OF REPORT**  
**31-Dec-19**

SYSTEM NAME / COUNTY : BARRINGTON / LAKE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 148

2. Maximum number of ERCs\* which can be served 148

3. Present system connection capacity (in ERCs\*) using existing lines 148

4. Future connection capacity (in ERCs\*) upon service area buildout N/A, system built out

5. Estimated annual increase in ERCs\* 0

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: 1) Construct master lift station at plant; 2) Install generator and transfer switch at plant.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount reuse provided to each, if known.

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A

If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? No

If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? 2016 (prior owner)

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? N/A

c. When will construction begin? N/A

d. Attach a description of the plant upgrade necessary to meet the DEP rules.

e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # FLA416207

\* An ERC is determined based on the calculation on S-11.

S-13  
GROUP \_\_\_\_\_  
SYSTEM BARRINGTON

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CROWNWOOD / MARION

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	84	84
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		
3"	Compound	16.0		
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Wastewater System Meter Equivalents				93

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:  

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.  
 Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$7.321/365/280=72 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CROWNWOOD/MARION

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>.040</u> mgd	_____	_____
Basis of Permit Capacity (1)	<u>TMADF</u>	_____	_____
Manufacturer	<u>McNeil Co.</u>	_____	_____
Type (2)	<u>Ext. Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.040</u> mgd	_____	_____
Average Daily Flow	<u>0.020</u> mgd	_____	_____
Total Gallons of Wastewater Treated	<u>7,340</u> mg	_____	_____
Method of Effluent Disposal	<u>Perc Ponds</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit  
(i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

CROWNWOOD / MARION

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 79
2. Maximum number of ERCs\* which can be served 143
3. Present system connection capacity (in ERCs\*) using existing lines 143
4. Future connection capacity (in ERCs\*) upon service area buildout 143
5. Estimated annual increase in ERCs\* 0
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
\_\_\_\_\_  
\_\_\_\_\_
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A
8. If the utility does not engage in reuse, has a reuse feasibility study been completed? Yes  
If so, when? 2002
9. Has the utility been required by the DEP or water management district to implement reuse? No  
If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_  
\_\_\_\_\_
10. When did the company last file a capacity analysis report with the DEP? 2013
11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
12. Department of Environmental Protection ID # FLA012680

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGWOOD / PASCO

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	166	166
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				170

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.  
Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

N/A - All sewage pumped to Pasco County

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGEWOOD / PASCO

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>All sewage pumped to Pasco County</u>		<u>          </u>
Basis of Permit Capacity (1)	<u>N/A</u>	<u>          </u>	<u>          </u>
Manufacturer	<u>N/A</u>	<u>          </u>	<u>          </u>
Type (2)	<u>N/A</u>	<u>          </u>	<u>          </u>
Hydraulic Capacity	<u>N/A</u>	<u>          </u>	<u>          </u>
Average Daily Flow	<u>0.014 mgd</u>	<u>          </u>	<u>          </u>
Total Gallons of Wastewater Treated	<u>5.256 mg</u>	<u>          </u>	<u>          </u>
Method of Effluent Disposal	<u>N/A</u>	<u>          </u>	<u>          </u>

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

ORANGWOOD / PASCO

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 168

2. Maximum number of ERCs\* which can be served 194

3. Present system connection capacity (in ERCs\*) using existing lines 170

4. Future connection capacity (in ERCs\*) upon service area buildout 194 (based on Master L/S pumping capacity)

5. Estimated annual increase in ERCs\* 0

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: Smoke test & video-inspect gravity mains in Pointe West; 2) R&R GSM's and lateral deficiencies found during I&I investigation.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No  
If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? No  
If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? N/A

11. If the present system does not meet the requirements of DEP rules:  
a. Attach a description of the plant upgrade necessary to meet the DEP rules.  
b. Have these plans been approved by DEP? \_\_\_\_\_  
c. When will construction begin? \_\_\_\_\_  
d. Attach plans for funding the required upgrading.  
e. Is this system under any Consent Order with DEP? \_\_\_\_\_

12. Department of Environmental Protection ID # N/A

\* An ERC is determined based on the calculation on S-11.



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (e x d) (e)
All Residential		1.0	1,200	1,200
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1208

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.  
Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

N/A - All sewage pumped to Pasco County

**WASTEWATER TREATMENT PLANT INFORMATION**  
 Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	All sewage pumped to Pasco County		
Basis of Permit Capacity (1)	N/A		
Manufacturer	N/A		
Type (2)	N/A		
Hydraulic Capacity	N/A		
Average Daily Flow	0.131 mgd		
Total Gallons of Wastewater Treated	47,718 mg		
Method of Effluent Disposal	N/A		

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

SUMMERTREE / PASCO

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 1,114

2. Maximum number of ERCs\* which can be served All sewage pumped to Pasco County

3. Present system connection capacity (in ERCs\*) using existing lines 1,429

4. Future connection capacity (in ERCs\*) upon service area buildout 1,429

5. Estimated annual increase in ERCs\* 10

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No

If so, when?

9. Has the utility been required by the DEP or water management district to implement reuse? No

If so, what are the utility's plans to comply with this requirement? N/A

10. When did the company last file a capacity analysis report with the DEP? N/A

- 11. If the present system does not meet the requirements of DEP rules:
a. Attach a description of the plant upgrade necessary to meet the DEP rules.
b. Have these plans been approved by DEP? N/A
c. When will construction begin? N/A
d. Attach plans for funding the required upgrading.
e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # N/A - no plant

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

LINCOLN HEIGHTS / SEMINOLE

**CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS**

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	239	239
5/8"	Displacement	1.0		
3/4"	Displacement	1.5		
1"	Displacement	2.5		
1 1/2"	Displacement or Turbine	5.0		
2"	Displacement, Compound or Turbine	8.0		
3"	Displacement	15.0		
3"	Compound	16.0	1	16
3"	Turbine	17.5		
4"	Displacement or Compound	25.0		
4"	Turbine	30.0		
6"	Displacement or Compound	50.0		
6"	Turbine	62.5		
8"	Compound	80.0		
8"	Turbine	90.0		
10"	Compound	115.0		
10"	Turbine	145.0		
12"	Turbine	215.0		
Total Wastewater System Meter Equivalents				255

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.

Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

**NOTE:** Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

As of July 2001, all wastewater treated by City of Sanford

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LINCOLN HEIGHTS / SEMINOLE

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>All sewage treated by City of Sanford.</u>		_____
Basis of Permit Capacity (1)	_____	_____	_____
Manufacturer	_____	_____	_____
Type (2)	<u>Bulk Interconnect</u>	_____	_____
Hydraulic Capacity	_____	_____	_____
Average Daily Flow	<u>0.055 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>20.187 mg</u>	_____	_____
Method of Effluent Disposal	<u>Bulk Interconnect with City of Sanford</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

LINCOLN HEIGHTS / SEMINOLE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 254

2. Maximum number of ERCs\* which can be served N/A - Bulk Interconnect with City of Sanford

3. Present system connection capacity (in ERCs\*) using existing lines N/A

4. Future connection capacity (in ERCs\*) upon service area buildout N/A

5. Estimated annual increase in ERCs\* None

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system

2020: Install SCADA at 3 lift stations.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No

If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? No

If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? 1999

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules. \_\_\_\_\_

b. Have these plans been approved by DEP? \_\_\_\_\_

c. When will construction begin? \_\_\_\_\_

d. Attach plans for funding the required upgrading. \_\_\_\_\_

e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # N/A

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD/SEMINOLE  
 WEATHERSFIELD/TRAILWOOD/OAKLAND HILLS COMBINED  
 CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,181	1,181
5/8"	Displacement	1.0	2	2
3/4"	Displacement	1.5		0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1,207

**CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS**

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Ormit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$50.108/365/280=491 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD/SEMINOLE

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	100% of wastewater treated by City of Altamonte Springs		
Basis of Permit Capacity (1)	N/A		
Manufacturer	N/A		
Type (2)	N/A		
Hydraulic Capacity	N/A		
Average Daily Flow	Estimated 0.137 mgd		
Total Gallons of Wastewater Treated (3)	Estimated 50.108 mg		
Method of Effluent Disposal	N/A		

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

(3) Wastewater flow is not metered. Estimated flow equals 70% of water sold.

S-12

GROUP Seminole

SYSTEM Weathersfield



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

WEATHERSFIELD/SEMINOLE

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 1,207

2. Maximum number of ERCs\* which can be served 1,250

3. Present system connection capacity (in ERCs\*) using existing lines 1,207

4. Future connection capacity (in ERCs\*) upon service area buildout 1,207

5. Estimated annual increase in ERCs\* None

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system
2020: Relocate FM on Northwestern Dr. in conflict with Seminole County bridge replacement project; 2) Install SCADA at 7 lift stations.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No
If so, when?

9. Has the utility been required by the DEP or water management district to implement reuse? No
If so, what are the utility's plans to comply with this requirement?

10. When did the company last file a capacity analysis report with the DEP? N/A

11. If the present system does not meet the requirements of DEP rules:
a. Attach a description of the plant upgrade necessary to meet the DEP rules.
b. Have these plans been approved by DEP? N/A
c. When will construction begin? N/A
d. Attach plans for funding the required upgrading.
e. Is this system under any Consent Order with DEP? No

12. Department of Environmental Protection ID # N/A

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE

Sanlando & Longwood combined.

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
Residential 5/8"		1.0	7,412	7,412
Residential 1"	Displacement	2.5	2,257	5,643
5/8"	Displacement	1.0	188	188
3/4"	Displacement	1.5		0
1"	Displacement	2.5	78	195
1 1/2"	Displacement or Turbine	5.0	100	500
2"	Displacement, Compound or Turbine	8.0	106	848
3"	Displacement	15.0	16	240
3"	Compound	16.0	12	192
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	13	325
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0	1	50
6"	Turbine	62.5	1	63
8"	Compound	80.0	1	80
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				15,753

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$712.093/365/280=6,968$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE  
WEKIVA HUNT CLUB

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>2.9 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>AADF</u>	_____	_____
Manufacturer	<u>Sanitaire</u>	_____	_____
Type (2)	<u>Ext. Aeration</u>	_____	_____
Hydraulic Capacity	<u>2,900 mgd</u>	_____	_____
Average Daily Flow	<u>1,951 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>712,093 mg</u>	_____	_____
Method of Effluent Disposal	<u>Surface water</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit (i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANLANDO / SEMINOLE

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served \_\_\_\_\_11,563\_\_\_\_\_

2. Maximum number of ERCs\* which can be served \_\_\_\_\_14,495\_\_\_\_\_

3. Present system connection capacity (in ERCs\*) using existing lines \_\_\_\_\_13,995\_\_\_\_\_

4. Future connection capacity (in ERCs\*) upon service area buildout \_\_\_\_\_13,995\_\_\_\_\_

5. Estimated annual increase in ERCs\* \_\_\_\_\_0-25\_\_\_\_\_

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: 1) Complete I&I deficiency corrections, Ph.4; 2) Replace 14" FM on power line; 3) Replace F-1 FM;  
4) Replace filter, process blowers, chemical feed equipment and storage building; 5) Generate hydraulic model of FM  
network; 6) R&R mechanical components at multiple lift stations; 7) Relocate FM on E.E. Williamson that conflicts with  
County road project.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse  
provided to each, if known. Wekiva Golf Course 109,151 mg; Wekiva H.O.A. 10,785 mg; Sable H.O.A. 0.842 mg;  
City of Apopka 615,406 mg; Residential Reuse (Belle Vista & Retreat at Lake Brantley) 64,659 mg.

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? \_\_\_\_\_N/A\_\_\_\_\_

If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? \_\_\_\_\_Yes\_\_\_\_\_

If so, what are the utility's plans to comply with this requirement?  
Completed in 2002.

10. When did the company last file a capacity analysis report with the DEP? \_\_\_\_\_2015\_\_\_\_\_

11. If the present system does not meet the requirements of DEP rules:
- a. Attach a description of the plant upgrade necessary to meet the DEP rules. See tab S-13(2)
  - b. Have these plans been approved by DEP? \_\_\_\_\_Yes\_\_\_\_\_
  - c. When will construction begin? \_\_\_\_\_1Q 2020\_\_\_\_\_
  - d. Attach plans for funding the required upgrading. 100% from internal resources
  - e. Is this system under any Consent Order with DEP? \_\_\_\_\_Yes, OGC case # 18-0103\_\_\_\_\_

12. Department of Environmental Protection ID # FL0036251

\* An ERC is determined based on the calculation on S-11.

**UTILITY NAME:**

**UTILITIES, INC. OF FLORIDA**

**SYSTEM NAME / COUNTY :**

**SANLANDO / SEMINOLE**

**OTHER WASTEWATER :**

- 11.a Description of plant upgrades required per the conditions of the open Consent Order.
- A. Replace process blowers, air header, electrical controls, and related valves, piping
  - B. Replace tertiary filters, electrical controls, valves, piping and fittings.
  - C. Replace chemical storage and chemical feed equipment; electrical controls; appu
  - D. Construct storage building to house chemical feed equipment, chemical storage t
  - E. Construct storage building to house new process blowers.
  - F. Mill and resurface plant roadway and parking areas; expand # of parking spaces.
  - G. Construct sidewalks connecting new buildings with existing structures and building
  - H. Landscaping and site restoration.
  - I. Demolition of traveling bridge filters; vacuum bed; sludge cake storage area; pole

<b>YEAR OF REPORT</b> <b>31-Dec-19</b>
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## **SYSTEM INFORMATION**

anks, and belt press; electrical; piping, fittings and appurtenances.

barn; misc. decommissioned structures, piping and equipment.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANDALHAVEN / CHARLOTTE

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	876	876
5/8"	Displacement	1.0	23	23
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	14	112
3"	Displacement	15.0		0
3"	Compound	16.0	1	16
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0	2	100
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1,161

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

- (a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.
- (b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

- Subtract all general use and other non residential customer gallons from the total gallons treated.
- Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$40,480/365/280 = 396 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANDALHAVEN / CHARLOTTE

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	All sewage pumped to Englewood Water District		
Basis of Permit Capacity	N/A		
Manufacturer	N/A		
Type	N/A		
Hydraulic Capacity	N/A		
Average Daily Flow	0.111 mgd		
Total Gallons of Wastewater Treated (1)	40.48 mg		
Method of Effluent Disposal	N/A		

(1) All sewage is pumped to the Englewood Water District for treatment and disposal.

S-12  
GROUP \_\_\_\_\_  
SYSTEM Sandalhaven



UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

SANDALHAVEN / CHARLOTTE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

- 1. Present number of ERCs\* now being served 1,240
- 2. Maximum number of ERCs\* which can be served 1,578
- 3. Present system connection capacity (in ERCs\*) using existing lines 1,578
- 4. Future connection capacity (in ERCs\*) upon service area buildout 1,578
- 5. Estimated annual increase in ERCs\* 0 - 10

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020 - 2021: Install SCADA equipment at 13 lift stations; perform I & I investigation of clay pipe sewer mains and associated laterals.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. None

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A  
If so, when? N/A

9. Has the utility been required by the DEP or water management district to implement reuse? N/A  
If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? N/A

- 11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules. \_\_\_\_\_
  - b. Have these plans been approved by DEP? \_\_\_\_\_
  - c. When will construction begin? \_\_\_\_\_
  - d. Attach plans for funding the required upgrading. \_\_\_\_\_
  - e. Is this system under any Consent Order with DEP? \_\_\_\_\_

12. Department of Environmental Protection ID # N/A

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (e x d)
All Residential		1.0	893	893
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5		0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0		0
2"	Displacement, Compound or Turbine	8.0		0
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5	1	63
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				959

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit OOO)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.

Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$23.135/365/280=227 \text{ ERC's}$$

S-11

GROUP \_\_\_\_\_

SYSTEM Forest Lake Estates (Labrador) \_\_\_\_\_

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT

31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

**WASTEWATER TREATMENT PLANT INFORMATION**  
Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.216 mgd</u>	_____	_____
Basis of Permit Capacity (1)	<u>TMADF</u>	_____	_____
Manufacturer	<u>Various</u>	_____	_____
Type (2)	<u>Extended Aeration</u>	_____	_____
Hydraulic Capacity	<u>0.216 mgd</u>	_____	_____
Average Daily Flow	<u>0.063 mgd</u>	_____	_____
Total Gallons of Wastewater Treated	<u>23.135</u>	_____	_____
Method of Effluent Disposal	<u>Spray Field</u>	_____	_____

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit  
(i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

S-12

GROUP \_\_\_\_\_

SYSTEM Forest Lake Estates (Labrador)

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

FOREST LAKE ESTATES (LABRADOR) / PASCO

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served \_\_\_\_\_ 768 \_\_\_\_\_

2. Maximum number of ERCs\* which can be served \_\_\_\_\_ 1,200 \_\_\_\_\_

3. Present system connection capacity (in ERCs\*) using existing lines \_\_\_\_\_ 1,200 \_\_\_\_\_

4. Future connection capacity (in ERCs\*) upon service area buildout \_\_\_\_\_ 1,200 \_\_\_\_\_

5. Estimated annual increase in ERCs\* \_\_\_\_\_ 0 \_\_\_\_\_

6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2020: Develop master plan for R&R of WWTP.

7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. \_\_\_\_\_

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? \_\_\_\_\_ No \_\_\_\_\_

If so, when? \_\_\_\_\_

9. Has the utility been required by the DEP or water management district to implement reuse? \_\_\_\_\_ No \_\_\_\_\_

If so, what are the utility's plans to comply with this requirement? \_\_\_\_\_

10. When did the company last file a capacity analysis report with the DEP? \_\_\_\_\_ 2014 \_\_\_\_\_

11. If the present system does not meet the requirements of DEP rules:

a. Attach a description of the plant upgrade necessary to meet the DEP rules.

b. Have these plans been approved by DEP? \_\_\_\_\_

c. When will construction begin? \_\_\_\_\_

d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP? \_\_\_\_\_ No \_\_\_\_\_

12. Department of Environmental Protection ID # \_\_\_\_\_ FLA012801 \_\_\_\_\_

\* An ERC is determined based on the calculation on S-11.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PENNBROOKE / LAKE

CALCULATION OF THE WASTEWATER SYSTEM METER EQUIVALENTS

WATER METER SIZE (a)	TYPE OF WATER METER (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
All Residential		1.0	1,240	1,240
5/8"	Displacement	1.0	3	4
3/4"	Displacement	1.5		0
1"	Displacement	2.5		0
1 1/2"	Displacement or Turbine	5.0		5
2"	Displacement, Compound or Turbine	8.0	3	8
3"	Displacement	15.0		0
3"	Compound	16.0		0
3"	Turbine	17.5		0
4"	Displacement or Compound	25.0		0
4"	Turbine	30.0		0
6"	Displacement or Compound	50.0		0
6"	Turbine	62.5		0
8"	Compound	80.0		0
8"	Turbine	90.0		0
10"	Compound	115.0		0
10"	Turbine	145.0		0
12"	Turbine	215.0		0
Total Wastewater System Meter Equivalents				1,257

CALCULATION OF THE WASTEWATER SYSTEM EQUIVALENT RESIDENTIAL CONNECTIONS

Provide a calculation used to determine the value of one wastewater equivalent residential connection (ERC).

Use one of the following methods:

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the result by 365 days.

(b) If no historical flow data are available, use:

$$ERC = ( \text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 280 \text{ gallons per day} )$$

For wastewater only utilities:

Subtract all general use and other non residential customer gallons from the total gallons treated.

Divide the remainder (SFR customers) by 365 days to reveal single family residence customer gallons per day.

NOTE: Total gallons treated includes both treated and purchased treatment.

ERC Calculation:

$$21.941/365/280=215 \text{ ERC's}$$

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY :

PENNBROOKE / LAKE

**WASTEWATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity	<u>0.180 mgd</u>	<u>          </u>	<u>          </u>
Basis of Permit Capacity (1)	<u>AADF</u>	<u>          </u>	<u>          </u>
Manufacturer	<u>Mack Industries</u>	<u>          </u>	<u>          </u>
Type (2)	<u>Extended Aeration</u>	<u>          </u>	<u>          </u>
Hydraulic Capacity	<u>0.180 mgd</u>	<u>          </u>	<u>          </u>
Average Daily Flow	<u>0.060 mgd</u>	<u>          </u>	<u>          </u>
Total Gallons of Wastewater Treated	<u>21,941 mg</u>	<u>          </u>	<u>          </u>
Method of Effluent Disposal	<u>Perc Ponds/ G.C. irrigation</u>	<u>          </u>	<u>          </u>

(1) Basis of permitted capacity as stated on the Florida DEP WWTP Operating Permit  
(i.e. average annual daily flow, etc.)

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME:

UTILITIES, INC. OF FLORIDA

YEAR OF REPORT  
31-Dec-19

SYSTEM NAME / COUNTY:

PENNBROOKE / LAKE

**OTHER WASTEWATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.

1. Present number of ERCs\* now being served 1,253
2. Maximum number of ERCs\* which can be served 1,782
3. Present system connection capacity (in ERCs\*) using existing lines 1,782
4. Future connection capacity (in ERCs\*) upon service area buildout 1,782
5. Estimated annual increase in ERCs\* 0
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system  
2019: Install SCADA equipment at Pennbrooke WWTP and all six lift stations.
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. Pennbrooke Fairways Golf Course - 0.031 mgd.
8. If the utility does not engage in reuse, has a reuse feasibility study been completed? N/A  
If so, when? \_\_\_\_\_
9. Has the utility been required by the DEP or water management district to implement reuse? N/A  
If so, what are the utility's plans to comply with this requirement? N/A
10. When did the company last file a capacity analysis report with the DEP? 2015
11. If the present system does not meet the requirements of DEP rules:
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP? N/A
  - c. When will construction begin? N/A
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP? No
12. Department of Environmental Protection ID # FLA 010570

\* An ERC is determined based on the calculation on S-11.

Reconciliation of Revenue to  
Regulatory Assessment Fee Revenue  
Wastewater Operations

YEAR OF REPORT 31-Dec-19
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UTILITY NAME: UTILITIES, INC. OF FLORIDA

(A)	(B)	(C)	(D)
Accounts	Gross Wastewater Revenues per Sch S-9	Gross Wastewater Revenues per RAF Return	Difference (B)-(C)
Gross Revenues:			
Total Flat-Rate Revenues	-		0
Total Measured Revenues	19,419,804	20,583,256	(1,163,452)
Revenues from Public Authorities	-		
Revenues from Other Systems	-		
Interdepartmental Revenues	-		
Total Other Wastewater Revenues	1,096,286	-	1,096,286
Reclaimed Water Sales	324,439	-	
Total Wastewater Operating Revenue	20,840,529	20,583,256	257,273
Less: Expense for Purchased Wastewater from FPSC Regulated Utility			
Net Wastewater Operating Revenues	20,840,529	20,583,256	257,273