## PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	FOR LINE FLUSHING, FIGHTING FIRES, ETC.	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	22,861	2,355	20,506	19,959
February	0	21,066	4,365	16,701	16,772
March	0	25,743	5,406	20,337	18,169
April	0	29,247	6,672	22,575	23,721
May	0	37,540	2,709	34,831	29,213
June	0	25,187	2,614	22,572	26,003
July	0	23,247	7,376	15,871	19,087
August	0	25,556	5,373	20,182	18,862
September	0	23,220	4,467	18,753	19,521
October	0	15,456	1,098	14,358	19,241
November	0	22,832	856	21,976	19,432
December	0	22,139	391	21,748	18,072
Total for year	o	294,094	43,684	250,410	248,052

If water is purchased for re	sale, indicate the following	g:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistributio	n, list names of such ut	ilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #4	700	1,008,000	Deep Well
Well #5	500	720,000	Deep Well
Well #6	1,000	1,440,000	Deep Well
		1	

SYSTEM NAME / COUNTY: MARION OAKS / MARION #1106

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 2,448,000	(Reliable Peak Hour)
	***	
Location of measurement		· · · · ·
(I.e. WellHead, Storage Tank):	WellHead and/or [	Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination	
LIA	ME TREATMENT	
Unit rating (i.e., GPM, pounds	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A		
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A Type and size of area:	Manufacturer:	

<sup>\*</sup> High Service

SYSTEM NAME / COUNTY: MARION OAKS / MARION #1106

#### CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	3,445	3,445
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	17	43
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0 \	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	3,465	3,492

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	228,599,233	3,234	365	194
	ŧ:			
	*			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	72	72
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	9	23
1 1/2"	Displacement or Turbine	5.0	6	30
2"	Displacement, Compound or Turbine	8.0	18	144
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2 `	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	Total Commercial Water System Meter Equivalents			305

## OTHER WATER SYSTEM INFORMATION

Present system connection capacity (in ERCs *) using existing lines.  6,282  Future connection capacity (in ERCs *) upon service area buildout.  23,848  Estimated annual increase in ERCs *.  85  Is the utility required to have fire flow capacity? If so, how much capacity is required?  Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system.  Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the 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?  Department of Environmental Protection ID #.  6421144	Maximum number of ERCs * which can be served **  Present system connection capacity (in ERCs *) using existing lines.	3,160 6,282
Present system connection capacity (in ERCs *) using existing lines.  6,282  Future connection capacity (in ERCs *) upon service area buildout.  23,848  Estimated annual increase in ERCs *.  85  Is the utility required to have fire flow capacity?  If so, how much capacity is required?  1500 gpm  Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system.  Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the DEP rules:  N/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?  Department of Environmental Protection ID #.  6421144  Water Management District Consumptive Use Permit #  20002841.008  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?  It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Present system connection capacity (in ERCs *) using existing lines.	6,282
Estimated annual increase in ERCs*.  Estimated annual increase in ERCs*.  Is the utility required to have fire flow capacity?  If so, how much capacity is required?  1500 gpm  Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system. Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the 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?  Department of Environmental Protection ID #.  6421144  Water Management District Consumptive Use Permit #  20002841,008  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?  It should be noted that withtdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of		
Estimated annual increase in ERCs *. 85  Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 1500 gpm  Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system. Project to construct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the 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?  1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841,008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Future connection capacity (in ERCs *) upon service area buildout	00.040
If so, how much capacity is required?  1500 gpm  Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system. Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the 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?  Department of Environmental Protection ID #.  6421144  20002841,008  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?  tit should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	, apart and managed	23,848
If so, how much capacity is required?  1500 gpm  Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system. Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP? N/A  If the present system does not meet the requirements of the 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?  Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Estimated annual increase in ERCs *. 85	
Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7  Describe any plans and estimated completion dates for any enlargements or improvements of this system. Project to constuct Well #3A Water Treatment Plant planned to be completed in 2003 to serve Timberwalk development.  When did the company last file a capacity analysis report with the DEP? N/A  If the present system does not meet the requirements of the 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?  Department of Environmental Protection ID #. 6421144  Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	is the utility required to have fire flow capacity?  Yes	
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walk development.  When did the company last file a capacity analysis report with the DEP?  N/A  N/A  N/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?  Department of Environmental Protection ID #. 6421144  Water Management District Consumptive Use Permit # 20002841.008  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?  It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7	
When did the company last file a capacity analysis report with the DEP?  N/A  If the present system does not meet the requirements of the DEP rules:  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?  Department of Environmental Protection ID #.  Water Management District Consumptive Use Permit #  20002841.008  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?  It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of		•
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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?  Department of Environmental Protection ID #. 6421144  Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of		*** **********************************
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?  Department of Environmental Protection ID #. 6421144  Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	When did the company last file a capacity analysis report with the DEP?	N/A
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?  1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	If the present system does not meet the requirements of the DEP rules:	N/A
c. When will construction begin?  d. Attach plans for funding the required upgrading.  e. Is this system under any Consent Order with DEP?  1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
d. Attach plans for funding the required upgrading.  e. Is this system under any Consent Order with DEP?  1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	b. Have these plans been approved by DEP?	
e. Is this system under any Consent Order with DEP?  1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	c. When will construction begin?	· · · · · · · · · · · · · · · · · · ·
1. Department of Environmental Protection ID #. 6421144  2. Water Management District Consumptive Use Permit # 20002841.008  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? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	d. Attach plans for funding the required upgrading.	
2. Water Management District Consumptive Use Permit # 20002841.008  a. Is the system in compliance with the requirements of the CUP?  b. If not, what are the utility's plans to gain compliance?  tt should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	e. Is this system under any Consent Order with DEP?	
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?  Withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Department of Environmental Protection ID #. 6421144	
b. If not, what are the utility's plans to gain compliance?  !t should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	Water Management District Consumptive Use Permit #	20002841.008
withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of	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?	It should be noted that
the negative promite are exclusived annializable acceptation devices and different control to the first time of		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,397	1,397
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	12	30
1 1/2"	Displacement or Turbine	5.0	0	, 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	1,427			

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:			Average		
	SFR Gallons Sol	d	Customers	Days	ERC
	50,650,640	ŧ	1,317	365	105

## UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: MARION OAKS / MARION #1106

**TOTAL NUMBER** NUMBER OF METER **METER TYPE OF EQUIVALENT** OF WATER **EQUIVALENTS** SIZE **METER\* FACTOR METERS** (c x d) (d) (e) (a) (b) (c) ... 1.0 17 17 5/8" Displacement 3/4" 1.5 1 2 Displacement 1" 2.5 1 3 Displacement 15 5.0 3 1 1/2" Displacement or Turbine 8.0 4 32 2" Displacement, Compound or Turb 3" 15.0 0 0 Displacement 0 3" Compound 16.0 0 18 3" Turbine 17.5 1 4" 25.0 0 0 Displacement or Compound 0 4" 0 Turbine 30 0 6" Displacement or Compound 50.0 0 6" Turbine 62.5 1 63 0 0 8" 80.0 Compound 8" 90.0 0 0 Turbine 0 10" 115.0 0 Compound Turbine 145.0 0 0 10" 12" 215.0 0 0 Turbine 148 **Total Commercial Wastewater System Meter Equivalents** 

SYSTEM NAME / COUNTY: MARION OAKS / MARION #1106

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	1	1	
Permitted Capacity (gpd)	225,000		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	CROM		
Type (2)	Type II Extended A	eration	
Hydraulic Capacity (gpd)	225,000		
Average Daily Flow (mgd)	0.179	(Average of Max Month)	
Total Gallons of WW Treated (mg)	59.718		
Method of Effluent Disposal	Percolation Ponds		,

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MARION OAKS / MARION #1106

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	1,317
Maximum number of ERC's * which can be served.     Note: SFR gallons sold is not representative of total ww flow at plant.	1,984 **
3. Present system connection capacity (in ERCs*) using exi	
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 23,413
5. Estimated annual increase in ERCs* 0	
6. Describe any plans and estimate completion dates for any Upgrades to lift stations 3, 9 & 10	y enlargements or improvements of this system.
7. If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known.  N/A	tach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibil	lity study been completed? No
If so, when?	
9. Has the utility been required by DEP or water management	nt 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	t with the DEP? August-00
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the plant of the plant of</li></ul>	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA012669

S-13 21106 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

## **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	8,436	208	8,228	6,190
February	0	5,792	197	5,595	5,068
March	0	7,388	177	7,211	5,436
April	0	7,641	289	7,352	7,012
May	0	9,430	97	9,333	7,337
June	0	6,946	574	6,372	8,493
July	0	6,038	361	5,677	5,917
August	0	5,746	182	5,564	5,427
September	0	5,749	314	5,435	5,410
October	0	7,167	490	6,677	5,403
November	0	6,702	273	6,429	6,596
December	0	6,528	239	6,289	6,417
Total for year	o	83,563	3,402	80,161	74,706

				<del></del>	
If water is purchased for re	esale, indicate the following:				
Vendor	N/A				
Point of delivery	N/A				
1	iter utilities for redistribution,	list names of such ut	ilities below:		
N/A					

	CAPACIT		GALLONS	
	OF WELI	-	PER DAY	TYPE OF
List for each source of supply:	gpm		FROM SOURCE	SOURCE
Well #1	1,	080	1,555,200	Deep Well
Well # 2		300	432,000	Deep Well
		!		
		i		
	·	ì		

SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 504,000	(Reliable Peak Hour)		
Location of measurement		······································		
(l.e. WellHead, Storage Tank):	WellHead	and/or Distribution		
Type of treatment (reverse osmosis,				
(sedimentation, chemical, aerated, e	tc,): Chlorination	Chlorination and Aeration		
	LIME TREATMENT			
Unit rating (i.e., GPM, pounds	•••			
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufa	acturer:		
***	Manufa FILTRATION	acturer:		
***		acturer:		
per gallon): N/A	FILTRATION	acturer:		

<sup>\*</sup> High Service

<sup>\*</sup> Interconnected with Sanlando.

SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

#### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	614	614
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	8	20
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0 -	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	ivalents	624	647

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	55,613,123	563	365	271

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	42	42
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	11	28
1 1/2"	Displacement or Turbine	5.0	10	50
2"	Displacement, Compound or Turbine	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0 -	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalents	70	176

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	te page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve.		563
2. Maximum number of ERCs * which can be served	**	466
3. Present system connection capacity (in ERCs *) us	sing existing lines.	566
4. Future connection capacity (in ERCs *) upon service	ce area buildout.	596
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?	600 gpm	tick and of the contract that the second to
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion dates     Projects estimated to be completed 12/19/03: Inter     replace roof on ground storage tank, distribution sy	rconnect with City of Altamonte Spri	
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 requireme	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary 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	<b>J</b> .	
e. Is this system under any Consent Order with D	EP?	
11. Department of Environmental Protection ID #.	3590823	
12. Water Management District Consumptive Use Per	rmit #	8359
a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
<ul> <li>b. If not, what are the utility's plans to gain comple withdrawal quantities are dynamic and may flucture</li> </ul>		It should be noted that
the permit. Permits are reviewed peridically to as water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	24	24
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0.
12"	Turbine	215.0	0	0.
	Total Residential Wastewater Syst	em Meter Equival	ents	27

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:		Average		
	SFR Gallons Sold	Customers	Days	ERC
	1,566,080	24	365	179

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	- 0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Total Commercial Wastewater Syst	em Meter Equiva	lents	14

SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	Interconnect	
Basis of Permit Capacity (1)	Interconnect	
Manufacturer	Interconnect	
Type (2)	Interconnected	
Hydraulic Capacity (gpd)	Interconnect	
Average Daily Flow (mgd)	Interconnect	
Total Gallons of WW Treated (mg)	Interconnect	
Method of Effluent Disposal	Interconnected	

- (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.

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be	e supplied where necessary.
Present number of ERC's * now being served.	24	Interconnect
2. Maximum number of ERC's * which can be served.	N/A	**
<ul> <li>Note: SFR gallons sold is not representative of total ww flow at plant.</li> <li>Present system connection capacity (in ERCs*) using exi</li> </ul>	isting lines. 28	
Future connection capacity (in ERCs*) upon service area	buildout.*** 28	
5. Estimated annual increase in ERCs* 2		
Describe any plans and estimate completion dates for any None	y enlargements or imp	
		1
7. If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A	ttach a list of the reuse	end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibil	lity study been comple	ed? No
If so, when?		
9. Has the utility been required by DEP or water managemen	nt 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 repo	rt with the DEP?	N/A
11. If the present system does not meet the requirements of		and the second s
a. Attach a description of the plant upgrade no	•	
<ul><li>b. Have these plans been approved by DEP?</li><li>c. When will construction begin?</li></ul>		
d. Attach plans for funding the required upgra	ading.	. AL 1997
e. Is this system under any Consent Order wi	ith DEP?	
J. 10 tille by storic arrange array a street of a street		

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

## SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

## **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	223	32	191	246
February	0	219	15	204	202
March	0	288	33	254	182
April	0	312	81	231	278
May	0	405	101	304	253
June	0	306	7	300	391
July	0	237	1	237	256
August	0	241	2	239	210
September	0	270	1	270	223
October	0	318	1	317	231
November	0	277	1	276	315
December	0	326	1	325	268
Total for year	0	3,423	276	3,146	3,055

If water is purchased for re	sale, indicate the following	g:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution	n, list names of such	utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	425	612,000	Deep Well
	i		
		:	
<b>t</b>		1	

SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 612,000	(Peak Hour)
Location of measurement		•••
(I.e. WellHead, Storage Tank):	WellHead	and/or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc,	): Chlorination	on
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufa	acturer:
· · · · · · · · · · · · · · · · · · ·	Manufa	acturer:
· · · · · · · · · · · · · · · · · · ·		acturer:
per gallon): N/A		

<sup>\*</sup> Well

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	31	31
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	36	44

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	3,054,370	34	365	246
	•			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15,0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	00
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

rurnish information below for each system. A separa	ate page should be supplied wr	lete flecessary.
Present ERC's * that system can efficiently serve.		34
2. Maximum number of ERCs * which can be served	Maximum number of ERCs * which can be served **	
3. Present system connection capacity (in ERCs *) u	ising existing lines.	40
4. Future connection capacity (in ERCs *) upon servi	ice area buildout.	40
5. Estimated annual increase in ERCs *.	<u> </u>	
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.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date     None	es for any enlargements or impl	rovements of this system.
When did the company last file a capacity analysis	report with the DEP?	N/A
0. If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary 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	g.	
e. Is this system under any Consent Order with E	DEP?	
Department of Environmental Protection ID #.	3350852	d 1*
2. Water Management District Consumptive Use Pe	ermit #	2610
a. Is the system in compliance with the requirem	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp		It should be noted that
withdrawal quantities are dynamic and may fluctu the permit. Permits are reviewed peridically to as		
water management district.	23. All Wilder House and All Control	THE TO BE CHOOL STATE AND

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	31	31
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0-	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	44

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

R Gallons Sold	Customers	Days	ERC
1,657,340	33	365	138
			•

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0~	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
1	Fotal Commercial Wastewater Sys	tem Meter Equiva	lents	0

SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	20,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Defiance		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	20,000		
Average Daily Flow (mgd)	0.010	(Average of Max Month)	
Total Gallons of WW Treated (mg)	2.931		
Method of Effluent Disposal	Percolation Pond		

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should	be supplied where necessary.
Present number of ERC's * now being served.		33
2. Maximum number of ERC's * which can be served.	145	**
<ul> <li>Note: SFR gallons sold is not representative of total ww flow at plant.</li> <li>3. Present system connection capacity (in ERCs*) using exi</li> </ul>	sting lines. 3	3
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 3	9
5. Estimated annual increase in ERCs* 2		
Describe any plans and estimate completion dates for any None		
If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known.  N/A	itach a list of the re	use end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibi	lity study been com	pleted? No
If so, when?		
9. Has the utility been required by DEP or water management	nt district to implem	ent 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	rt with the DEP?	March-01
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the plant of the plant of</li></ul>	ecessary to meet	N/A the DEP rules.
12. Department of Environmental Protection ID #	FLA010610	

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

## **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(b)	(e)	(f)
January	2,265	0	509	1,756	1,031
February	2,000	0	0	2,000	1,019
March	2,758	0	0	2,758	618
April	2,239	0	. 0	2,239	712
May	2,431	0	0	2,431	912
June	2,100	0	0	2,100	910
July	2,823	0	0	2,823	1,027
August	2,056	0	0	2,056	816
September	2,136	0	0	2,136	711
October	2,176	0	318	1,858	821
November	2,018	0	593	1,425	743
December	2,332	0	678	1,654	735
Total for year	27,333	0	2,098	25,236	10,055

If water is purchased for r	esale, indicate the following:
Vendor	Brevard County Utilities
Point of delivery	4" Compound meter @ entrance to Oakwood subdivision
If water is sold to other wa	ater utilities for redistribution, list names of such utilities below:
N/A	
	·

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Brevard County Utilities			
		<u> </u>	
	İ	1	
		!	
		:	

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	t (GPD):		N/A	
Location of meas	surement			
(I.e. WellHead, S	torage Tank):		N/A	
Type of treatmen	nt (reverse osmosis	,		
(sedimentation, o	chemical, aerated, e	etc,):	N/A	
		LIME TRI	EATMENT	
Unit rating (i.e., C	GPM, pounds			
Unit rating (i.e., (	SPM, pounds N/A		Manufacturer:	
	· ·	FILTR	Manufacturer:	····
	N/A	FILTR		
per gallon):	N/A area:	FILTR N/A		

SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

#### **CALCULATION OF THE WATER SYSTEMS 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)
		<u> </u>	**	
5/8"	Displacement	1.0	271	271
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	272	274	

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	9,984,185	203	365	135

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

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separate	e page should be supplied where	e necessary.
1.	Present ERC's * that system can efficiently serve.		203
2.	Maximum number of ERCs * which can be served *	N/A	
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	204
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	204
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None	for any enlargements or improve	ements of this system.
9.	When did the company last file a capacity analysis r	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary 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 DE	EP?	
11.	Department of Environmental Protection ID #.	3054100	
12	Water Management District Consumptive Use Perr	mit #	N/A
	a. Is the system in compliance with the requireme	nts of the CUP?	
	b. If not, what are the utility's plans to gain compli	ance?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## **PUMPING AND PURCHASED WATER STATISTICS**

	WATER PURCHASED FOR RESALE	FINISHED WATER PUMPED FROM WELLS	WATER USED FOR LINE FLUSHING, FIGHTING	TOTAL WATER PUMPED AND PURCHASED (Omit 000's)	WATER SOLD TO CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,768	40	1,727	1,664
February	0	1,645	41	1,604	1,463
March	0	2,209	40	2,168	1,739
April	0	2,249	· 27	2,222	2,032
May	0	2,727	28	2,698	2,037
June	0	2,003	273	1,729	2,599
July	0	1,763	31	1,732	1,837
August	0	1,801	64	1,737	1,524
September	0	1,709	32	1,677	1,700
October	0	1,850	176	1,674	1,536
November	0	1,603	24	1,579	1,574
December	0	1,759	190	1,569	1,650
Total for year	0	23,084	967	22,117	21,357

If water is purchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution,	list names of such utilities	e balow:	
	ter utilities for redistribution,	list names of such duline	s below.	
N/A				
				•

		CAPACITY	GALLONS	
		OF WELL	PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1	Orange Hill	170	244,800	Deep Well
Well # 1	Sugar Creek	56	80,640	Deep Well
		1		

SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 /

POLK

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	t (GPD):	* 80,640	(Reliable Peak Hour)		
Location of meas	surement	•			
(i.e. WellHead, Storage Tank):		WellHead and/o	WellHead and/or Distribution		
Type of treatmen	nt (reverse osmosis,				
(sedimentation,	chemical, aerated, etc,):	Chlorination			
	L	IME TREATMENT			
Unit rating (i.e., (	GPM, pounds				
	GPM, pounds N/A	Manufacture	er:		
Unit rating (i.e., (	·	Manufacture	er:		
per gallon):	N/A		er:		
	N/A area:				

<sup>\*</sup> Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	244	244
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	244	244

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

	Average		
SFR Gallons Sold	Customers	Days	ERC
15,041,870	169	365	244
•			
		SFR Gallons Sold Customers 15,041,870 169	SFR Gallons Sold         Customers         Days           15,041,870         169         365

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 /
POLK

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where	e necessary.
Present ERC's * that system can efficiently serv	e	234
2. Maximum number of ERCs * which can be serve	ed **	83
Present system connection capacity (in ERCs *)	using existing lines.	524
Future connection capacity (in ERCs *) upon ser	vice area buildout.	524
i. Estimated annual increase in ERCs *.	1	
Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion da     None	ttes for any enlargements or improve	ements of this system.
. When did the company last file a capacity analys		N/A
If the present system does not meet the require	ments of the DEP rules:	N/A
a. Attach a description of the plant upgrade ned	cessary 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 upgrad	ing.	
e. Is this system under any Consent Order with	DEP?	
Department of Environmental Protection ID #.	6531734, 6531305	
2. Water Management District Consumptive Use R	Permit #	207653.02
a. Is the system in compliance with the require	ements of the CUP?	Yes,
b. If not, what are the utility's plans to gain con		It should be noted that
withdrawal quantities are dynamic and may fluc the permit. Permits are reviewed peridically to		
water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## **PUMPING AND PURCHASED WATER STATISTICS**

	WATER PURCHASED	FINISHED WATER PUMPED	WATER USED FOR LINE FLUSHING,	TOTAL WATER PUMPED AND PURCHASED	WATER SOLD TO
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	6,697	1,258	5,439	6,502
February	0	6,111	1,079	5,031	5,030
March	0	7,875	4,647	3,227	4,648
April	0	10,008	3,014	6,994	6,695
May	0	12,207	1,406	10,801	7,710
June	0	7,858	116	7,742	10,681
July	0	5,773	174	5,599	5,867
August	0	5,804	408	5,395	4,645
September	0	6,223	71	6,152	4,387
October	0	9,676	84	9,592	5,602
November	0	10,468	88	10,379	9,313
December	0.	9,538	75	9,463	8,909
Total for year	0;	98,237	12,422	85,815	79,989

				<del></del>	
If water is purchased for re	esale, indicate the following:				
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistribution,	list names of such utilitie	es below:		
N/A					

List for each source of supply:	CAPACI OF WEI gpm		GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1		800	1,152,000	Deep Well
Well #2		800	1,152,000	Deep Well

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 1,152,000	(Reliable Peak Hour)
Location of measurement	•	
(I.e. WellHead, Storage Tank):	WellHead and/or	Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.)	): Chlorination	
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
	Manufacturer	:
* · · · · · · · · · · · · · · · · · · ·	Manufacturer FILTRATION	:
* · · · · · · · · · · · · · · · · · · ·		;

<sup>\*</sup> Wells

#### CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	369	369
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	372	374

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	77,909,453	296	365	721
	*			

## CALCULATION OF THE WATER SYSTEMS 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)
(4)	(3)		**	(-)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	11	78

#### OTHER WATER SYSTEM INFORMATION

ırnish information below for each system. A separ	rate page should be supplied when	re necessary.
Present ERC's * that system can efficiently serve	€.	296
Maximum number of ERCs * which can be served	d **	399
Present system connection capacity (in ERCs *) to	using existing lines.	374
Future connection capacity (in ERCs *) upon serv	vice area buildout.	623
Estimated annual increase in ERCs *.	64	
Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	750 gpm	
Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date None	tes for any enlargements or improv	ements of this system.
When did the company last file a capacity analysis	is report with the DEP?	N/A
If the present system does not meet the requirements of the DEP rules:		N/A
a. Attach a description of the plant upgrade neces	essary 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	ng.	
e. Is this system under any Consent Order with	DEP?	
Department of Environmental Protection ID #.	3354877	
Water Management District Consumptive Use Pe	ermit #	2913
a. Is the system in compliance with the requirem	ments of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp	•	It should be noted that
withdrawal quantities are dynamic and may fluct the permit. Permits are reviewed peridically to a		
water management district.	accertain whether modifications he	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

#### SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

## **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	434	3	431	348
February	0	411	2	409	392
March	0	498	0	498	405
April	0	458	5	454	419
May	0	511	0	511	429
June	0	431	o	431	429
July	0	457	0	457	355
August	0	461	0.	461	365
September	0	459	1	458	394
October	0	473	1	472	395
November	0	467	1	466	367
December	0	521	0	521	408
Total for year	o	5,582	13	5,569	4,707

If water is purchased for re	sale, indicate the follo	owing:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistrib	oution, list names o	of such utilities be	low:	
N/A	tor administration				
IWA.					
L					 

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	100	144,000	Deep Well
		1	

SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 86,400	(Reliable Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead and/o	r Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc	c,): Chlorination and	Aeration
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds	LIME TREATMENT	
Unit rating (i.e., GPM, pounds per gallon): N/A	LIME TREATMENT  Manufacture	r:
• ,		r:
per gallon): N/A	Manufacture	r:
• ,	Manufacture	

<sup>\*</sup> High Service

SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

#### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	104	104
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	104	104

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	4,706,620	104	365	124
	<b>t</b>			

## CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separate	e page should be supplied where n	ecessary.
1.	Present ERC's * that system can efficiently serve.		104
2.	Maximum number of ERCs * which can be served *	•	174
3.	Present system connection capacity (in ERCs *) using	ng existing lines.	137
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	137
5.	Estimated annual increase in ERCs *.	2	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates Replace aerator 2/4/03.	for any enlargements or improvem	nents of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	its of the DEP rules:	<u>N/A</u>
	a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
	b. Have these plans been approved by DEP?	A-1-11	
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	P?	/
11.	Department of Environmental Protection ID #.	2540865	
12.	Water Management District Consumptive Use Perm	nit #	8127
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia withdrawal quantities are dynamic and may fluctua		It should be noted that
	the permit. Permits are reviewed peridically to asc		
	water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	106	106
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	106

## CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:			Average		
	SFR Gallons Sol	id	Customers	Days	ERC
	4,227,441	<b>t</b>	104	365	111

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	, 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Sys	tem Meter Equiva	lents	0

SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	30,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DEFIANCE		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	30,000		
Average Daily Flow (mgd)	0.017	(Average of Max Month)	
Total Gallons of WW Treated (mg)	4.952		
Method of Effluent Disposal	Percolation 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.

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Present number of ERC's * now being served.	104	
2. Maximum number of ERC's * which can be served.	270	**
** Note: SFR gallons sold is not representative of total ww flow at plant.  3. Present system connection capacity (in ERCs*) using ex	isting lines. 133	
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 134	
Tutale confidence dapasity (in 21103 ) apon sorvice disc	To the second	
5. Estimated annual increase in ERCs* 2		
<ol> <li>Describe any plans and estimate completion dates for ar Projects completed 2002: WWTP flow metering 7/3</li> </ol>	1/02.	vements of this system.
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known.  N/A	ttach a list of the reuse e	nd users and the amount
3. If the utility does not engage in reuse, has a reuse feasib	ility study been complete	d? No
If the utility does not engage in reuse, has a reuse feasib  If so, when?	ility study been complete	d? No
If so, when?	nt district to implement r	
If so, when?  Has the utility been required by DEP or water management of the so, what are the utility's plans to comply with	nt district to implement r	euse? No
If so, when?  Has the utility been required by DEP or water management	nt district to implement r	
If so, when?  Has the utility been required by DEP or water management of the so, what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the utility is plans to comply with the son water the	nt district to implement rent this requirement?  rt with the DEP?	euse? No N/A
If so, when?  Has the utility been required by DEP or water management of the so, what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son what are the utility's plans to comply with the son water management with the son water wa	nt district to implement renthis requirement?  rt with the DEP?  f DEP rules: N/A ecessary to meet the	euse? No N/A
If so, when?  Has the utility been required by DEP or water management of the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, when system does not meet the requirements of a. Attach a description of the plant upgrade in b. Have these plans been approved by DEP? c. When will construction begin?	int district to implement renthis requirement?  In this requirement in this requirement.	euse? No  N/A  N/A  DEP rules.
If so, when?  Has the utility been required by DEP or water management of the utility been required by DEP or water management of the utility's plans to comply with the so, what are the utility's plans to comply with the utility is plans to comply with the utility's plans to comply with the utility is plans to comply wit	rt with the DEP?  f DEP rules: ecessary to meet the defined.	euse? No  N/A  N/A  DEP rules.
If so, when?  Has the utility been required by DEP or water management of so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, when did the company last file a capacity analysis reported.  If the present system does not meet the requirements of a. Attach a description of the plant upgrade in b. Have these plans been approved by DEP?  C. When will construction begin?  d. Attach plans for funding the required upgrade.	rt with the DEP?  f DEP rules: ecessary to meet the defined.	euse? No  N/A  N/A  DEP rules.

S-13 20440 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

## **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	4,027	1,353	402	4,978	5,439
February	3,660	1,208	180	4,688	4,712
March	4,106	1,580	238.	5,448	4,493
April	4,303	1,552	55	5,799	5,488
May	4,166	1,740	2	5,904	5,320
June	4,013	1,516	753	4,776	5,444
July	4,226	1,360	82	5,504	5,073
August	3,681	1,445	0	5,126	4,810
September	4,167	1,266	74	5,359	4,453
October	4,546	1,581	129	5,997	4,967
November	3,876	1,346	618	4,604	5,093
December	3,985	1,342	2	5,325	5,214
Total for year	48,755	17,289	2,536	63,508	60,507

ii water is purchased for re	esale, indicate the following:
Vendor	Pasco County and City of New Port Richey
Point of delivery	3 X 4" Compound meters
If water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
N/A	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	160	230,400	Deep Well
			i !
		1	
		4	

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 230,	,400	(Peak Hour)
Location of measurement		*	
(I.e. WellHead, Storage Tank):	Well	lHead and/or Di	stribution
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, etc	c,): Chlo	orination	
	LIME TREATME	ENT	
Unit rating (i.e., GPM, pounds	LIME IREAIME	ENI	
Unit rating (i.e., GPM, pounds per gallon): N/A		:N I Ianufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A		lanufacturer:	
<u> </u>	N	lanufacturer:	
per gallon): N/A	FILTRATION	lanufacturer:	

<sup>\*</sup> Well

<sup>\*</sup> Interconnected with Pasco County

#### **CALCULATION OF THE WATER SYSTEMS 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)	
5/8"	Displacement	1.0	1,196	1,196	
3/4"	Displacement	1.5	0	0	
1"	Displacement	2.5	0	. 0	
1 1/2"	2" Displacement or Turbine	Displacement or Turbine 5.0	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0	
3"	Displacement	15.0	0	0	
3"	Compound	16.0	0	0	
3"	Turbine	17.5	1	18	
4"	Displacement or Compound	25.0	0	0	
4"	Turbine	30.0	0	0	
6"	Displacement or Compound	50.0	0	0	
6"	Turbine	62.5	0	0	
8"	Compound	80.0	0	0	
8"	Turbine	90.0	0	0	
10"	Compound	115.0	0	0	
10"	Turbine	145.0	0	0	
12"	Turbine	215.0	0	0	
Tot	al Residential Water System Meter Equi	valents	1,197	1,214	

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	59,093,118	1,181	365	137
ļ	,			

## CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	ound or Turbine 8.0 1	8	
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>~</b>	al Commercial Water System Meter Equ		4	11

#### OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. A separat	te page should be supplied wher	e necessary.
1.	Present ERC's * that system can efficiently serve.		1,181
2.	Maximum number of ERCs * which can be served	**	N/A - Interconnected
3.	Present system connection capacity (in ERCs *) us	1,220	
4.	Future connection capacity (in ERCs *) upon service	1,220	
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	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates None	s for any enlargements or improv	ements of this system.
9.	When did the company last file a capacity analysis i	report with the DEP?	N/A
10.	If the present system does not meet the requireme	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade neces	sary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		V
	d. Attach plans for funding the required upgrading		
	e. Is this system under any Consent Order with Di	EP?	
11.	Department of Environmental Protection ID #.	6511331	
12.	Water Management District Consumptive Use Per	mit #	20003759.003
	a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
	b. If not, what are the utility's plans to gain compli	ance?	It should be noted that
	withdrawal quantities are dynamic and may fluctua		
	the permit. Permits are reviewed peridically to ass	certain whether modifications ne	ed to be filed with the
	water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,032	1,032
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3".	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0:
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents -	1,032

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

			Average			Calculations:
RC	ERC	Days	Customers	d	SFR Gallons Solo	
11	365 111	365	1,027 365	*	41,752,194	
11	111	365	1,027	*	41,752,194	

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	(
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	0	C
1 1/2"	Displacement or Turbine	5.0	0	· C
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	otal Commercial Wastewater Syst	em Meter Equival	ents	0

SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Trovido a ocparato dilectros cacin macternatos acamentos acome					
Permitted Capacity (gpd)	130,000				
Basis of Permit Capacity (1)	AADF				
Manufacturer	MARLOF	***			
Type (2)	Type II Extended A	eration			
Hydraulic Capacity (gpd)	130,000				
Average Daily Flow (mgd)	0.125	(Average of Max Month)			
Total Gallons of WW Treated (mg)	42.456				
Method of Effluent Disposal	Ponds, Sprayfield				

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	arate page should be supplied where necessary.
Present number of ERC's * now being served.	1,027
Maximum number of ERC's * which can be served.     Note: SFR gallons sold is not representative of total ww flow at plant.	1,171 **
<ul><li>3. Present system connection capacity (in ERCs*) using ex</li><li>4. Future connection capacity (in ERCs*) upon service area</li></ul>	•
Future connection capacity (in ERCs ) upon service area     S. Estimated annual increase in ERCs*	3 bundout. 1,027
Describe any plans and estimate completion dates for ar None	ny enlargements or improvements of this system.
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known.  N/A	attach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasib	oility study been completed? No
If so, when?	
9. Has the utility been required by DEP or water management	ent district to implement reuse?
If so, what are the utility's plans to comply with	h this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? February-98
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade r.</li> <li>b. Have these plans been approved by DEP'</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrate. Is this system under any Consent Order with the plant of the plant upgrate.</li> </ul>	necessary to meet the DEP rules. ? ading.
12. Department of Environmental Protection ID #	FLA012773-001-DW2P

S-13 21429 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: PALM VALLEY / ST. JOHNS #2301

## **PUMPING AND PURCHASED WATER STATISTICS**

	WATER PURCHASED FOR RESALE	FINISHED WATER PUMPED FROM WELLS	WATER USED FOR LINE FLUSHING, FIGHTING	TOTAL WATER PUMPED AND PURCHASED (Omit 000's)	WATER SOLD TO CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	2,540	0	0	2,540	1,919
February	2,031	0	0	2,031	1,522
March	2,366	0	. 0	2,366	1,604
April	2,993	0	0	2,993	2,031
May	3,391	0	86	3,305	2,089
June	2,726	o	0	2,726	2,552
July	2,638	0	0	2,638	2,221
August	2,259	o	19	2,241	2,439
September	1,824	0	0	1,824	1,857
October	1,991	0	0	1,991	1,620
November	1,958	0	0	1,958	1,585
December	1,606	0.	0	1,606	1,520
Total for year	28,320	0	105	28,215	22,960

If water is purchased for re	sale, indicate the following:
Vendor	Intercoastal Utilities
Point of delivery	4" compound Sensus meter @ Landing Lane
If water is sold to other wa	ter utilities for redistribution, list names of such utilities below:
N/A	
ļ	

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Intercoastal Utilities	j gp		
A-10-10-10-10-10-10-10-10-10-10-10-10-10-	:		
		!	
•			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM VALLEY / ST. JOHNS #2301

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	ıt (GPD):		N/A	
Location of mea	surement		<del></del>	
(I.e. WellHead, S	Storage Tank):		N/A	
Type of treatme	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, et	tc,):	N/A	
		LIME TRE	EATMENT	
Unit rating (i.e.,	GPM, pounds			
per gallon):	N/A		Manufacturer:	
		FILTR	ATION	
	-			
Type and size of	rarea:			
Type and size of		N/A	Manufacturer:	

SYSTEM NAME / COUNTY: PALM VALLEY / ST. JOHNS #2301

#### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	266	266
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	13	33
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	11	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	283	315	

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	20,034,380	221	365	248

## CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	10	10
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	2	55
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalente	14	25

#### OTHER WATER SYSTEM INFORMATION

	•••
Present ERC's * that system can efficiently serve.	221
2. Maximum number of ERCs * which can be served **	N/A - Interconnected
Present system connection capacity (in ERCs *) using existing lines.	260
Future connection capacity (in ERCs *) upon service area buildout.	306
5. Estimated annual increase in ERCs *.	3
6. Is the utility required to have fire flow capacity?  No  If so, how much capacity is required?	
Attach a description of the fire fighting facilities.  N/A	
Describe any plans and estimated completion dates for any enlargeme None	nts or improvements of this system.
. When did the company last file a capacity analysis report with the DEP	? N/A
<ol> <li>If the present system does not meet the requirements of the DEP rules</li> </ol>	s: N/A
a. Attach a description of the plant upgrade necessary to meet the DE	EP rules.
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
d. Attach plans for funding the required upgrading.     e. Is this system under any Consent Order with DEP?	
	0866
e. Is this system under any Consent Order with DEP?	0866 N/A
e. Is this system under any Consent Order with DEP?  1. Department of Environmental Protection ID #. 2550	

SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## **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	(6)	521	477	(5)	145
February	0	520	386	134	157
March	0	487	375	112	153
April	0	365	321	44	160
May	0	433	347	86	115
June	0	391	279	112	101
July	0	491	406	84	65
August	0	527	343	183	57
September	0	342	292	50	86
October	0	426	216	210	101
November	0	421	172	249	96
December	0	477	190	287	112
Total for year	0	5,400	3,805	1,595	1,348

If water is purchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution,	list names of such utilit	ies below:	
N/A				

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	130	187,200	Deep Well
	****		
	 		1
	 	+	
			1

SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 187,200	(Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead a	and/or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc,	): Chlorination	n and Iron Removal
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
<u> </u>	Manufa	cturer:
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufa	cturer:
• • • • • •		cturer:
per gallon): N/A		

<sup>\*</sup> Well

SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT December 31, 2002

Sixth Day:

Tuesday

AM:

• Review/Practice All

PM:

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS** 

• Take New Service Calls on their own.

Seve	nth Da	ay:	Wedn	esday NUMBER	TOTAL NUMBER OF METER	
•	Thateen N	ew Service Reades on their	OB WILLIAM T	OF	EQUIVALENTS	
	SIZE	METER*	FACTOR	METERS	(c x d)	•
Eigh	th 🖰ay	(b)	Their	5. CA (0)	(e)	
	5/8"	Displacement	1.0	-62 at	62	
AM:	3/4"	Displacement	1,5	0	0	
•	Back ir	n training People enent Add a So	ervice#Zerd	Form\$/Char	ge Forms (need Kir	n's
	h21/2" xx/	th this Displacement or Turbine	5.0	0	0 `	
DM.	2" V	Displacement, Compound or Turbine	8.0	0	0	
PM:	3"	Displacement	15.0	0	0	
•	Take N	ew Service Calls on their	OWn. 16.0	0	0	
	3"	Turbine	17.5	0	0	
End	of Trai	ning Displacement or Compound Turbine	25.0	0	0	
Linu	4" Tul	Turbine	30.0	0	0	
	6"	Displacement or Compound	50.0	0	0	
	6"	Turbine	62.5	0	0	
*Base	d on one	trainee Compound	80.0	0	0	
	8"	Turbine	90.0	0	0	
	10"	Compound	115.0	0	0	
	10"	Turbine	145.0	0	0	
	12"	Turbine	215.0	0	0	
	Tot	al Residential Water System Meter Equi	valents	62	62	

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	1,348,370	59	365	63
	•			

SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

## CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalente	0	0

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separat	e page should be supplied where r	necessary.				
1.	Present ERC's * that system can efficiently serve.		59				
2.	. Maximum number of ERCs * which can be served **		747				
3.	Present system connection capacity (in ERCs *) using existing lines.		84				
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	84				
5.	Estimated annual increase in ERCs *.	2					
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No					
7.	Attach a description of the fire fighting facilities.	N/A					
8.	Describe any plans and estimated completion dates None	for any enlargements or improven	nents of this system.				
	When did the company last file a capacity analysis r		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 Di	EP?					
11.	Department of Environmental Protection ID #.	3350981					
12	Water Management District Consumptive Use Perr	nit #	2612				
	a. Is the system in compliance with the requireme	nts of the CUP?	Yes,				
	b. If not, what are the utility's plans to gain complication withdrawal quantities are dynamic and may fluctuate the permit. Permits are reviewed peridically to assure the permit of th	ite beyond permitted quantities dur					
	water management district.						

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	27	2
3/4"	Displacement	1.5	0	
1"	Displacement	2.5	0	(
1 1/2"	Displacement or Turbine	5.0	0	· (
2"	Displacement, Compound or Turb	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	(
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	0	C
8"	Compound	80.0	0	C
8"	Turbine	90.0	0	C
10"	Compound	115.0	0	C
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
10" 12"	Turbine	145.0 215.0	0 0	

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Average			
SFR Gallons Sold	Customers	Days	ERC
1,224,860 *	27	365	124
		SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	Ó
1 1/2"	Displacement or Turbine	5.0	1	. 5
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	8

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

			Ī
Permitted Capacity (gpd)	15,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DEFIANCE		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	15,000		
Average Daily Flow (mgd)	0.010	(Average of Max Month)	
Total Gallons of WW Treated (mg)	2.575		
Method of Effluent Disposal	Percolation Pond		

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

# OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	rate page should be supplied where necessary.
Present number of ERC's * now being served.	27
Maximum number of ERC's * which can be served.     ** Note: SFR gallons sold is not representative of total ww flow at plant.	121 **
<ol> <li>Present system connection capacity (in ERCs*) using exist</li> </ol>	sting lines. 29
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 29
5. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any     None	enlargements or improvements of this system.
<ol> <li>If the utility uses reuse as a means of effluent disposal, attemption of reuse provided to each, if known.</li> </ol> N/A	
If the utility does not engage in reuse, has a reuse feasibilified.  If so, when?	ity study been completed? No
Has the utility been required by DEP or water managemer	nt 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 repor	t with the DEP? October-02
<ul> <li>11. If the present system does not meet the requirements of</li> <li>a. Attach a description of the plant upgrade ne</li> <li>b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade.</li> <li>e. Is this system under any Consent Order with</li> </ul>	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA011706-001-DW3P

S-13 20444 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

## **PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's)	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	925	4	922	927
February	0	854	37	817	833
March	0	960	. 0	960	746
April	0	1,228	331	897	958
Мау	0	1,633	586	1,047	959
June	0	858	4	854	1,512
July	0	871	84	787	680
August	0	840	9	831	841
September	0	952	0	952	726
October	0	1,149	0	1,149	869
November	0	972	0	972	1,093
December	0	1,109	0	1,109	900
Total for year	0	12,353	1,054	11,299	11,044

If water is purchased for r	esale, indicate the following	:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ater utilities for redistribution	n, list names of such	utilities below:		
N/A					
ļ				•	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Weil #1	175	252,000	Deep Well
Well # 2	100	144,000	Deep Well
1400 100			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 144,000	(Reliable Peak Hour)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or [	Distribution
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, et	ic,):	Chlorination	
	LIME TR	REATMENT	
Unit rating (i.e., GPM, pounds			
Unit rating (i.e., GPM, pounds per gallon): N/A		Manufacturer:	
<del>-</del> ,	FILTI	Manufacturer:	
<del>-</del> ,	FILTI	**************************************	
per gallon): N/A	FILTI	**************************************	

<sup>\*</sup> Wells

December 31, 2002

#### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	155	155
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	156	158

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	11,042,765	138	365	219

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

## OTHER WATER SYSTEM INFORMATION

Present ERC's * that system can efficiently serve.	138
. Maximum number of ERCs * which can be served **	164
. Present system connection capacity (in ERCs *) using existing lines.	181
Future connection capacity (in ERCs *) upon service area buildout.	202
5. Estimated annual increase in ERCs *. 0	
S. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
Describe any plans and estimated completion dates for any enlargemen     None	nts or improvements of this system.
When did the company last file a capacity analysis report with the DEP?	) N/A
<ol><li>If the present system does not meet the requirements of the DEP rules</li></ol>	: <u>N/A</u>
a. Attach a description of the plant upgrade necessary to meet the DEI	P 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?	
Department of Environmental Protection ID #. 3351	009
2. Water Management District Consumptive Use Permit #	2609
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?     withdrawal quantities are dynamic and may fluctuate beyond permitted.	It should be noted that

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: PINE RIDGE ESTATES / OSCEOLA #782

## **PUMPING AND PURCHASED WATER STATISTICS**

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	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)
(a)	<b>(b)</b>	3,504	0	3,504	3,983
January February	0	3,629	0	3,629	3,56
March	0.	4,399	0	4,399	3,510
April	0	5,176	0	5,176	4,984
May	0	6,382	0	6,382	5,91
June	0	3,366	0	3,366	6,007
July	0	3,037	0	3,037	3,61
August	0	3,361	0	3,361	3,398
September	0.	2,852	0	2,852	3,678
October	0	3,532	0	3,532	3,696
November	0	3,073	0	3,073	4,039
December	0	2,893	0	2,893	3,858
Total for year	0	45,204	0	45,204	50,240

If water is purchased for re	sale, indicate the following	g:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistributio	n, list names of ຣເ	uch utilities below:	
N/A				
<u> </u>				 

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	360	518,400	Deep Well
Well # 2	125	180,000	Deep Well
	1		

SYSTEM NAME / COUNTY: PINE RIDGE ESTATES / OSCEOLA #782

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 489,600 (Reliable	e Peak Hour)
Location of measurement		
(i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.	): Chlorination and Aeration	
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
per gallon): N/A	Manufacturer:	
	FILTRATION	
Type and size of area:	FILTRATION	
Type and size of area: Pressure (in square feet):	FILTRATION  N/A Manufacturer:	

<sup>\*</sup> High Service

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	501	501
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalente	504	511

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	49,210,545	479	365	281

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(a)	(b)	(c)	(a) **	(8)
5/8"	Displacement	1.0	9	9
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	13	40

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied w	here necessary	
Present ERC's * that system can efficiently serve.		479	
2. Maximum number of ERCs * which can be served	435		
3. Present system connection capacity (in ERCs *) u	Present system connection capacity (in ERCs *) using existing lines.		
4. Future connection capacity (in ERCs *) upon serv	ice area buildout.	492	
5. Estimated annual increase in ERCs *.	13		
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.	See W-14 Exhibit Q-7		
<ol> <li>Describe any plans and estimated completion date Projects estimated completion 3/28/03: Upgrade I fire flow.</li> </ol>			
O. If the present system does not meet the requirem		N/A	
Attach a description of the plant upgrade nece			
b. Have these plans been approved by DEP?			
c. When will construction begin?			
d. Attach plans for funding the required upgradin	g.		
e. Is this system under any Consent Order with I	DEP?		
Department of Environmental Protection ID #.	3494292		
2. Water Management District Consumptive Use Pe	ermit #	49-00946-W	
a. Is the system in compliance with the requirem	nents of the CUP?	Yes,	
b. If not, what are the utility's plans to gain comp	oliance?	It should be noted that	
withdrawal quantities are dynamic and may flucti			
the permit. Permits are reviewed peridically to a	scertain whether modifications	need to be filed with the	
water management district.			

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## **PUMPING AND PURCHASED WATER STATISTICS**

	WATER PURCHASED FOR RESALE	FINISHED WATER PUMPED FROM WELLS	WATER USED FOR LINE FLUSHING, FIGHTING	TOTAL WATER PUMPED AND PURCHASED (Omit 000's)	WATER SOLD TO CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f) .
January	0	1,352	90	1,262	1,438
February	0	1,240	61	1,179	1,263
March	0	1,714	61	1,653	1,092
April	0	1,945	152	1,793	1,676
May	0	2,708	81	2,628	1,589
June	0	1,506	92	1,414	2,491
July	0	1,446	43	1,403	1,527
August	0	1,371	30	1,340	1,300
September	0	1,354	17	1,337	1,222
October	0	1,661	12	1,649	1,320
November	0	1,462	25	1,437	1,824
December	0	1,232	13	1,219	1,205
Total for year	0	18,991	678	18,313	17,949

If water is purchased for resale, inc	dicate the following:
Vendor	N/A
Point of delivery	N/A
If water is sold to other water utilitie	es for redistribution, list names of such utilities below:
N/A	
1	
	·

List for each source of supply:	CAPACITO OF WEL	- 1	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1		300	432,000	Deep Well
Well # 2		140	201,600	Deep Well
	• ;			1

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS / LAKE #553

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):	* 201,600	(Reliable Peak Hour)
Location of mea	surement	•••	
(I.e. WellHead, S	Storage Tank):	WellHead and/or D	stribution
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination	
	LIME	TREATMENT	
Unit rating (i.e.,	GPM, pounds		
Unit rating (i.e., per gallon):	GPM, pounds N/A	Manufacturer:	
	N/A	Manufacturer:	
	N/A F		
per gallon):	N/A F f area:	ILTRATION	

<sup>\*</sup> High Service

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	181	181
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	00
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	181	181

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	17,809,193	170	365	287

SYSTEM NAME / COUNTY: PINEY WOODS / LAKE #553

## **CALCULATION OF THE WATER SYSTEMS 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)
			**	
5/8"	Displacement	1.0	2	2
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	2	2

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied who	ere necessary.
. Present ERC's * that system can efficiently serve.		170
. Maximum number of ERCs * which can be served	j **	176
. Present system connection capacity (in ERCs *) u	ising existing lines.	201
. Future connection capacity (in ERCs *) upon servi	ice area buildout.	201
. Estimated annual increase in ERCs *.	0	
Is the utility required to have fire flow capacity?	No	
. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion date	es for any enlargements or impre	ovements of this system.
A A A A A A A A A A A A A A A A A A A		
. When did the company last file a capacity analysis	report with the DEP?	N/A
). If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary 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	g.	
e. Is this system under any Consent Order with D	DEP?	
Department of Environmental Protection ID #.	3351021	
Water Management District Consumptive Use Per	ermit #	2604
a. Is the system in compliance with the requirement	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp		It should be noted that
withdrawal quantities are dynamic and may fluctu the permit. Permits are reviewed peridically to as		
water management district.	scertain whether modifications i	leed to be filled with the

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, **	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	905	0	905	811
February	0	763	0	763	672
March	0	923	. 4	920	927
April	0	956	4	952	810
May	0	1,218	0	1,218	963
June	0	1,021	0	1,021	1,029
July	0	989	0	989	841.
August	0	889	0	889	732
September	0	891	0	891	782
October	0	1,080	0	1,080	804
November	0	1,001	0	1,001	907
December	0	992	0	992	926
Total for year	0	11,627	7	11,620	10,205

If water is purchased for re	sale, indicate the following	:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution	, list names of such ut	tilities below:	
N/A				
· · · · · · · · · · · · · · · · · · ·				

	CAPACI	ſΥ	GALLONS	
	OF WEL	L.	PER DAY	TYPE OF
List for each source of supply:	gpm		FROM SOURCE	SOURCE
Well #1		60	86,400	Deep Well
Weil # 2		35	50,400	Deep Well
			1	
			!	
	•			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):	* 50,400	(Reliable Peak Hour)
Location of mea	ssurement	***	
(I.e. WellHead, S	Storage Tank):	WellHead and/or	Distribution
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc.):	Chlorination	
	LIME	TREATMENT	
Unit rating (i.e.,	GPM, pounds		
per gallon):	N/A	Manufacturer	
per galion):		Manufacturer:	
	F		
per gallon): Type and size of Presoure (in squ	F f area:	ILTRATION	

<sup>\*</sup> Wells

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
` '	. ,		**	
5/8"	Displacement	1.0	187	187
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	. 3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalente	188	190

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	7,524,130	153	365	135
	ŧ			
	•			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	6	6
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalents	9	25

## OTHER WATER SYSTEM INFORMATION

Fı	rrnish information below for each system. A separat	te page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		153
2.	Maximum number of ERCs * which can be served	**	94
3.	Present system connection capacity (in ERCs *) us	sing existing lines.	293
4.	Future connection capacity (in ERCs *) upon service	ce area buildout.	418
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates Distribution system improvements design complete Construction completed 2004.		ments of this system.
9.	When did the company last file a capacity analysis i	report with the DEP?	N/A
0.	If the present system does not meet the requirement	ents of the DEP rules:	N/A
	a. Attach a description of the plant upgrade neces	sary 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 Di	EP?	
1.	Department of Environmental Protection ID #.	2540905	
12	. Water Management District Consumptive Use Per	mit#	N/A
	a. Is the system in compliance with the requireme	ents of the CUP?	
	b. If not, what are the utility's plans to gain compli	iance?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POSTMASTER VILLAGE / CLAY #1095

# **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	912	6	906	749
February	0	691	0	691	769
March	0	904	0	904	758
April	0	962	. 3	959	909
May	0	1,255	0	1,255	918
June	0	873	0	873	1,155
July	0	921	0	921	778
August	0	807	23	784	852
September	0	702	0	702	764
October	0	800	11	790	742
November	0	713	0	713	843
December	0	681	2	679	723
Total for year	0	10,220	44	10,176	9,961

	and a standard that followings
	sale, indicate the following:
Vendor	N/A
Point of delivery	N/A
f water is sold to other wa	ter utilities for redistribution, list names of such utilities below:
	ter utilities for redistribution, list names of such utilities below:
f water is sold to other wa N/A	er utilities for redistribution, list names of such utilities below:
	er utilities for redistribution, list names of such utilities below:
	er utilities for redistribution, list names of such utilities below:
	ter utilities for redistribution, list names of such utilities below:

List for each source of supply:	CAPACITY OF WELL gpm	- 1	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	2	200	288,000	Deep Well
Well # 2		200	288,000	Deep Well
				4044
	1			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POSTMASTER VILLAGE / CLAY #1096

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 288,000	(Reliable Peak Hour)
Location of measurement	***	
(I.e. WellHead, Storage Tank):	WellHead and/or Distrib	ution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination	
LIME	TREATMENT	
Unit rating (i.e., GPM, pounds		
- · · · · · · · · · · · · · · · · · · ·	Manufacturer:	
	Manufacturer:	
per gallon): N/A		
per gallon): N/A		

<sup>\*</sup> Wells

SYSTEM NAME / COUNTY: POSTMASTER VILLAGE / CLAY #1095

#### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	187	187
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	ivalents	187	187

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	9,954,930	155	365	176
	•			

SYSTEM NAME / COUNTY: POSTMASTER VILLAGE / CLAY #1095

#### **CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	00
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalants	0	0

#### OTHER WATER SYSTEM INFORMATION

FL	rnish information below for each system. A separate	page should be supplied where n	ecessary.
1.	Present ERC's * that system can efficiently serve.		155
2.	Maximum number of ERCs * which can be served **	•	409
3.	Present system connection capacity (in ERCs *) usin	ng existing lines.	242
4.	Future connection capacity (in ERCs *) upon service	area buildout.	322
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates Projects completed 2002: Replace hydrotank and in		ents of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requiremen	ts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	ary 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 DE	P?	
11.	Department of Environmental Protection ID #.	2100912	
12.	Water Management District Consumptive Use Perm	nit#	519
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	<ul> <li>b. If not, what are the utility's plans to gain complia withdrawal quantities are dynamic and may fluctual the permit. Permits are reviewed peridically to asce</li> </ul>	te beyond permitted quantities duri	74 W16 M17 P P P P P P P P P P P P P P P P P P P
	water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

## PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	FOR LINE FLUSHING, FIGHTING FIRES, ETC.	(Omit 000's) [ (b)+(c)-(d) ]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	417	27	390	221
February	0	369	20	349	184
March	0	540	0	540	366
April	0	527	104	423	350
May	0	582	238	344	340
June	0	306	0	306	393
July	0	308	9	299	268
August	0	351	80	271	261
September	0	309	0	309	296
October	0	344	0	344	284
November	0	317	0	317	278
December	0	333	0	333	300
Total for year	0	4,702	478	4,224	3,541

If water is purchased for re	esale, indicate the follow	ving:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistribu	ition, list names of	such utilities below	r:	
N/A					

	CA	PACITY	GALLONS	
	0	F WELL	PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1	:	650	936,000	Deep Well
		A		
	1			
	!			
	* :			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GF	PD):	* 936,000	(Peak Hour)
Location of measure	ment	•	
(I.e. WellHead, Storag	ge Tank):	WellHead and/o	r Distribution
Type of treatment (re	verse osmosis,		
(sedimentation, chen	nical, aerated, etc,):	Chlorination	·
		ME TREATMENT	
	LI	ME IREAIMENT	
Unit rating (i.e., GPM,	<del>-</del> "	ME IREAIMEN!	
Unit rating (i.e., GPM,	<del>-</del> "	ME IREATMENT  Manufacture	ır:
	, pounds		r:
	, pounds N/A	Manufacture	ir:
per gallon):	, pounds N/A :	Manufacture	

<sup>\*</sup> Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	64	64
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	64	64

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

	Average		
SFR Gallons Sold	Customers	Days	ERC
3,541,450	56	365	173
v			
		SFR Gallons Sold Customers 3,541,450 56	SFR Gallons Sold Customers Days 3,541,450 56 365

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separ	rate page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve		56
2. Maximum number of ERCs * which can be served	d **	1,351
3. Present system connection capacity (in ERCs *)	using existing lines.	100
4. Future connection capacity (in ERCs *) upon serv	vice area buildout.	100
5. Estimated annual increase in ERCs *.	2	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 500 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion dat     None	tes for any enlargements or improven	nents of this system.
O. If the present system does not meet the requiren		N/A
a. Attach a description of the plant upgrade nece		
b. Have these plans been approved by DEP?		
c. When will construction begin?		W (MA COLUMN A STATE AND A SOMETHING MATERIAL MATERIAL AND A STATE
d. Attach plans for funding the required upgrading	ng.	
e. Is this system under any Consent Order with	DEP?	
1. Department of Environmental Protection ID #.	3354867	
12. Water Management District Consumptive Use P	ermit #	4545
a. Is the system in compliance with the requirer	ments of the CUP?	Yes,
<ul> <li>b. If not, what are the utility's plans to gain com withdrawal quantities are dynamic and may fluct the permit. Permits are reviewed peridically to a</li> </ul>	tuate beyond permitted quantities du	
water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: REMINGTON FOREST / ST. JOHNS #2302

# 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	905	0	905	948
February	0	860	0	860	685
March	0	1,141	0	1,141	758
April	0	1,218	0	1,218	1,067
May	0	1,692	0	1,692	1,032
June	0	1,136	45	1,091	1,402
July	0	901	30	871	951
August	0	1,001	10	991	677
September	0	764	0	764	797
October	0	947	0	947	658
November	0	771	0	771	837
December	0	654	0	654	720
Total for year	0	11,990	85	11,905	10,531

If water is purchased for res	sale, indicate the following			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wat	er utilities for redistribution	, list names of such utilities b	elow:	
N/A				
				•

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	48	69,120	Deep Well
Well # 2	65	93,600	Deep Well
	:		1
	:	!	
	<b>.</b>	:	<u> </u>

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: REMINGTON FOREST / ST. JOHNS #2302

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	(GPD):	* 69,120	(Reliable Max Day Capacity)	
Location of meas	urement	*		
(I.e. WellHead, Storage Tank):		WellHead and/or	WellHead and/or Distribution	
Type of treatment	t (reverse osmosis,			
(sedimentation, c	hemical, aerated, etc,):	Chlorination and	Aeration	
	LI	ME TREATMENT		
Unit rating (i.e., G		ME TREATMENT		
		ME TREATMENT  Manufacture	r:	
Unit rating (i.e., G per gallon):	PM, pounds		r:	
per gallon):	PM, pounds N/A	Manufacture	r:	
	PM, pounds N/A area:	Manufacture		

<sup>\*</sup> Wells

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
			**	
5/8"	Displacement	1.0	81	81
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	82	84

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	10,530,770	82	365	352
	*			

SYSTEM NAME / COUNTY: REMINGTON FOREST / ST. JOHNS #2302

## CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	0	0

Furnish information below for each system. A separate	ate page should be supplied w	where necessary.
Present ERC's * that system can efficiently serve.		82
2. Maximum number of ERCs * which can be served	98	
3. Present system connection capacity (in ERCs *) u	85	
4. Future connection capacity (in ERCs *) upon serv	85	
5. Estimated annual increase in ERCs *.	2	
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	Yes 500 gpm	
is 50, now much capacity is required:	oo gan	A CONTRACTOR OF THE PROPERTY O
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date     None	es for any enlargements or imp	provements of this system.
9. When did the company last file a capacity analysis	s report with the DEP?	N/A
10. If the present system does not meet the requirem	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade nece	essary 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 upgradin	g.	
e. Is this system under any Consent Order with I	DEP?	
11. Department of Environmental Protection ID #.	2554361	
12. Water Management District Consumptive Use Pe	ermit #	N/A
a. Is the system in compliance with the requirem	nents of the CUP?	
b. If not, what are the utility's plans to gain comp	pliance?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

# PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC.	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	587	0	587	577
February	0	512	0	512	459
March	0	660	4	656	531
April	0	693	. 4	689	614
May	0	791	0	791	629
June	0	555	0	555	758
July	0	502	0	502	460
August	0	510	0	510	441
September	0	486	0	486	427
October	0	497	0	497	466
November	o	492	0	492	430
December	0	510	0	510	465
Total for year	o	6,795	7	6,788	6,258

e, indicate the following:			
N/A			
N/A			
utilities for redistribution, l	ist names of such utiliti	es below:	
			•
	N/A N/A	N/A N/A	N/A

	CAPACITY	GA	LLONS	
	OF WELL	PE	R DAY	TYPE OF
List for each source of supply:	gpm	FROM	SOURCE	SOURCE
Well #1	1	35	194,400	Deep Well
	1			
		:		
		<del></del>		
	+			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		(Max Day)		
Location of measurement	•••	•		
(I.e. WellHead, Storage Tank):	WellHead and/or Distribut	WellHead and/or Distribution		
Type of treatment (reverse osmosis,				
(sedimentation, chemical, aerated, etc,):	Chlorination and Aeration			
_	ME TREATMENT			
_	ME TREATMENT			
Unit rating (i.e., GPM, pounds	ME TREATMENT  Manufacturer:	·		
Unit rating (i.e., GPM, pounds				
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	· · · · · · · · · · · · · · · · · · ·		
Unit rating (i.e., GPM, pounds per gallon): N/A  Type and size of area:	Manufacturer:			

<sup>\*</sup> Well

# **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	107	107
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	00
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	00
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalente	107	107

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	6,258,215	105	365	163

# CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	0	0

Furnish information below for each system. A separate	page should be supplied where n	ecessary.
Present ERC's * that system can efficiently serve.		105
2. Maximum number of ERCs * which can be served **		595
3. Present system connection capacity (in ERCs *) using	ng existing lines.	117
4. Future connection capacity (in ERCs *) upon service	area buildout.	117
5. Estimated annual increase in ERCs *.	1	
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	** 17 *********************************
Describe any plans and estimated completion dates     None	for any enlargements or improvem	ents of this system.
9. When did the company last file a capacity analysis re	eport with the DEP?	N/A
10. If the present system does not meet the requiremen	ts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necess	ary 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 DE	P?	
11. Department of Environmental Protection ID #.	2540959	
12. Water Management District Consumptive Use Perm	nit#	N/A
a. Is the system in compliance with the requiremer	nts of the CUP?	
b. If not, what are the utility's plans to gain complia	ince?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: SALT SPRINGS / MARION #1115

### **PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's)	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	1,519	(4)	1,519	1,135
February	0	1,573	0	1,573	1,233
March	0	1,916	4	1,913	1,593
April	0	1,745	4	1,741	1,534
May	0	1,676	0	1,676	1,687
June	0	1,041	0	1,041	1,617
July	0	1,268	25	1,243	817
August	0	1,011	0	1,011	812
September	0	1,269	0	1,269	684
October	0	1,565	0	1,565	940
November	0	1,225	0	1,225	1,075
December	0	1,187	0	1,187	870
Total for year	0	16,995	34	16,961	13,997

f water is purchased for re	esale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
If water is sold to other wa	ter utilities for redistribution, list names of such utilities below:	
	ter utilities for redistribution, list names of such utilities below:	
lf water is sold to other wa N/A	ter utilities for redistribution, list names of such utilities below:	
	ter utilities for redistribution, list names of such utilities below:	
	ter utilities for redistribution, list names of such utilities below:	
	ter utilities for redistribution, list names of such utilities below:	

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	500	720,000	Deep Well
Well # 2	133	191,520	Foresty Service Well
		1	

SYSTEM NAME / COUNTY: SALT SPRINGS / MARION #1115

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	t (GPD):	* 191,520	(Reliable Peak Hour)
Location of meas	curament	are.	
(i.e. WellHead, St		WellHead and/or	Distribution
(i.e. vvoiirioud, o.	orago ramy.		
Type of treatmen	t (reverse osmosis,		
(sedimentation, o	chemical, aerated, etc,):	Chlorination	
	Liii	ME TREATMENT	
	Lin	IL INCATMENT	
Unit rating (i.e., C		IL INCAMENT	
Unit rating (i.e., C		Manufacturer	·
- ,	GPM, pounds N/A		:
- ,	SPM, pounds N/A	Manufacturer	: 
per gallon):	GPM, pounds N/A area:	Manufacturer	

<sup>\*</sup> Wells

SYSTEM NAME / COUNTY: SALT SPRINGS / MARION #1115

### **CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	131	131
_3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30,0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	132	134

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	3,074,840	124	365	68
	*			
	v			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SALT SPRINGS / MARION #1115

Fı	urnish information below for each system. A separat	e page should be supplied where r	necessary.
1.	Present ERC's * that system can efficiently serve.		124
2.	Maximum number of ERCs * which can be served *	**	705
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	176
4.	Future connection capacity (in ERCs *) upon service	e area buildouṫ.	209
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?	750 gpm	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates Projects completed 2002: Line extension to serve n		nents of this system.
9.	When did the company last file a capacity analysis r	report with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary 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 DE	EP?	
11	. Department of Environmental Protection ID #.	3420408	
12	. Water Management District Consumptive Use Perr	mit#	108
	a. Is the system in compliance with the requirement	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia		It should be noted that
	withdrawal quantities are dynamic and may fluctua		
	the permit. Permits are reviewed peridically to asc water management district.	Seriain whether mounications need	to be filed with the
1	Hatel management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	130	130
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	Ó
1 1/2"	Displacement or Turbine	5.0	0	, 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	130

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

		Average		
FR Gallons Sol	ld	Customers	Days	ERC
2,475,160	ŧ	121	365	56
		FR Gallons Sold 2,475,160		

SYSTEM NAME / COUNTY: SALT SPRINGS / MARION #1115

YEAR OF REPORT December 31, 2002

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

<u> </u>	T		T .
Permitted Capacity (gpd)	85,000		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	MAROLF		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	85,000		
Average Daily Flow (mgd)	0.037	(Average of Max Month)	
Total Gallons of WW Treated (mg)	10.071		
Method of Effluent Disposal	Percolation Ponds		,

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

Furnish information below for each system. A sepa	arate page sho	ould be supplied v	vhere necessary.
Present number of ERC's * now being served.		121	
2. Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	1,214	**	
<ol> <li>Present system connection capacity (in ERCs*) using ex</li> </ol>		153	,
<ul> <li>Future connection capacity (in ERCs*) upon service area</li> </ul>	buildout.***	211	
i. Estimated annual increase in ERCs* 0		***************************************	
<ol> <li>Describe any plans and estimate completion dates for an Main extension completed 3/13/02</li> </ol>		or improvements of	this system.
. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. N/A	ttach a list of the	reuse end users a	nd the amount
. If the utility does not engage in reuse, has a reuse feasible	ility study been o	completed?	No
If so, when?			NI-
. Has the utility been required by DEP or water manageme  If so, what are the utility's plans to comply with			No
When did the company last file a capacity analysis repo	ort with the DEP?	N/A	
<ol> <li>If the present system does not meet the requirements of a. Attach a description of the plant upgrade not be the second by DEP?</li> <li>When will construction begin?</li> </ol>	ecessary to m	N/A eet the DEP rules	
d. Attach plans for funding the required upgra e. Is this system under any Consent Order w			
12. Department of Environmental Protection ID #	FLA010686-0	01	

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: SAMIRA VILLAS / MARION #1118

### PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's)	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	230	0	230	15
February	0	142	0	142	15:
March	0	240	0	240	149
April	0	400	0	400	179
May	0	431	0	431	389
June	0	37	0	37	484
July	0	36	0	36	4
August	0	95	0	95	38
September	0	147	0	147	67
October	0	151	0	151	145
November	0	129	0	129	140
December	0	135	0	135	133
Total for year	0	2,175	o	2,175	2,070

If water is purchased for res	sale, indicate the following			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other water	er utilities for redistribution	, list names of such utilities be	elow:	
N/A				

	GALLONS PER DAY	TYPE OF
gpm	1	
	35 122,400	Deep Well
· · · · · · · · · · · · · · · · · · ·		
	1	
		OF WELL PER DAY gpm FROM SOURCE

SYSTEM NAME / COUNTY: SAMIRA VILLAS / MARION #1118

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plai	nt (GPD):	* 122,400	(Peak Hour)
Location of mea	asurement		
(l.e. WellHead, S	Storage Tank):	WellHead and/or	Distribution
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination	
	Ц	ME TREATMENT	
	_	ME TREATMENT	
Unit rating (i.e., per gallon):	_	ME TREATMENT  Manufacture	r:
	GPM, pounds	Manufacture	r:
	GPM, pounds N/A		r:
per gallon):	GPM, pounds N/A f area:	Manufacture	

<sup>\*</sup> Well

SYSTEM NAME / COUNTY: SAMIRA VILLAS / MARION #1118

### CALCULATION OF THE WATER SYSTEMS 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)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	0	0	

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	2,070,080	2	365	2,836
	•			
•				

SYSTEM NAME / COUNTY: SAMIRA VILLAS / MARION #1118

# CALCULATION OF THE WATER SYSTEMS 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)	
5/8"	Displacement	1.0	0	0	
3/4"	Displacement	1.5	0	0	
1"	Displacement	2.5	0	0	
1 1/2"	Displacement or Turbine	5.0	1	5	
2"	Displacement, Compound or Turbine	8.0	1	8	
3"	Displacement	15.0	0	0	
3"	Compound	16.0	0	0	
3"	Turbine	17.5	0	0	
4"	Displacement or Compound	25.0	0	0	
4"	Turbine	30.0	0	0	
6"	Displacement or Compound	50.0	0	0	
6"	Turbine	62.5	0	0	
8"	Compound	80.0	0	0	
8"	Turbine	90.0	0	0	
10"	Compound	115.0	0	0	
10"	Turbine	145.0	0	0	
12"	Turbine	215.0	0	0	
Tota	al Commercial Water System Meter Equ	ivalents	2	13	

Furnish information below for each system. A separate	e page should be supplied where n	ecessary.
Present ERC's * that system can efficiently serve.		2
2. Maximum number of ERCs * which can be served *	: <b>*</b>	11
3. Present system connection capacity (in ERCs *) usi	ing existing lines.	13
4. Future connection capacity (in ERCs *) upon service	e area buildout.	13
5. Estimated annual increase in ERCs *.	0	
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates     None	for any enlargements or improvem	nents of this system.
9. When did the company last file a capacity analysis r	report with the DEP?	N/A
10. If the present system does not meet the requirement	nts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necess	sary 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 DI	EP?	
11. Department of Environmental Protection ID #.	6424651	
12. Water Management District Consumptive Use Peri	mit #	N/A
a. Is the system in compliance with the requireme	ents of the CUP?	
b. If not, what are the utility's plans to gain compli	ance?	
b.		

An ERC is determined based on the calculation on W-13
 Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574

### & WESTERN SHORES #566 / LAKE

# **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	W4750 0015
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, "	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	23,509	3,276	20,233	19,126
February	0	22,048	2,990	19,058	18,291
March	0	29,118	2,464	26,655	17,428
April	0	33,133	33,266	-132	27,174
May	0	41,537	7,773	33,764	30,656
June	0	21,238	1	21,237	28,078
July	0	19,057	4,783	14,273	12,596
August	0	20,300	1,937	18,363	15,474
September	0	19,225	o	19,225	14,628
October	0	30,378	0	30,378	20,206
November	0	25,603	0	25,603	21,937
December	0	17,053	0	17,053	17,440
Total for year	0	302,199	56,490	245,709	243,033

Silver Lake Estates and W	estern Shores are Interco	onnected		
If water is purchased for re	sale, indicate the followin	ng:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution	on, list names of such	utilities below:	
N/A				

		CAPACITY	GALLONS	
		OF WELL	PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1	Silver Lake Estates	1,425	2,052,000	Deep Well
Well # 2	Silver Lake Estates	1,425	2,052,000	Deep Weli
Well # 1	Western Shores	600	864,000	Deep Well
	A STATE OF THE STA			:
		!	<u>:</u>	1
	<b>.</b>			

SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574

YEAR OF REPORT December 31, 2002

### & WESTERN SHORES #566 / LAKE

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

Capacity of Plant (GPD): \* 2,916,000 (Reliable Max Day) Location of measurement WellHead and/or Distribution (I.e. WellHead, Storage Tank): Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,): Chlorination LIME TREATMENT Unit rating (i.e., GPM, pounds per gallon): Manufacturer: **FILTRATION** Type and size of area: Pressure (in square feet): N/A Manufacturer: Gravity (in GPM/square feet): N/A Manufacturer:

<sup>\*</sup> Wells

#### & WESTERN SHORES #566 / LAKE

### **CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER	TYPE OF	EQUIVALENT	NUMBER OF	TOTAL NUMBER OF METER EQUIVALENTS
SIZE	METER*	FACTOR	METERS	(c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	1,304	1,304
3/4"	Displacement	1.5	13	20
1"	Displacement	2.5	193	483
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	1,512	1,819	

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	238,864,057	1,491	365	439
	•			

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574 & WESTERN SHORES #566 / LAKE

1. Present ERC's * that system can efficiently serve. 1,491  2. Maximum number of ERCs * which can be served ** 3,322  3. Present system connection capacity (in ERCs *) using existing lines. 1,695  4. Future connection capacity (in ERCs *) upon service area buildout. 1,784  5. Estimated annual increase in ERCs *. 24  6. Is the utility required to have fire flow capacity? 150 gpm  7. Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the 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 #. 3351182, 3351464  12. Water Management District Consumptive Use Permit # 2644	Furnis	h information below for each system. A separate	e page should be supplied where	necessary.
3. Present system connection capacity (in ERCs *) using existing lines.  4. Future connection capacity (in ERCs *) upon service area buildout.  5. Estimated annual increase in ERCs *.  6. Is the utility required to have fire flow capacity?  1 f so, how much capacity is required?  7 50 gpm  7. Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 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 #.  3351182, 3351464	1. Pre	sent ERC's * that system can efficiently serve.		1,491
4. Future connection capacity (in ERCs*) upon service area buildout.  1,784  5. Estimated annual increase in ERCs*.  24  6. Is the utility required to have fire flow capacity? If so, how much capacity is required?  750 gpm  7. Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the 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 #.  3351182, 3351464	2. Ma	ximum number of ERCs * which can be served *	*	3,322
5. Estimated annual increase in ERCs *. 24  6. Is the utility required to have fire flow capacity? If so, how much capacity is required?  7.50 gpm  7. Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the 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 #.  3351182, 3351464	3. Pre	sent system connection capacity (in ERCs *) usin	ng existing lines.	1,695
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?  750 gpm  7. Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the 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 #.  3351182, 3351464	4. Fut	ure connection capacity (in ERCs *) upon service	area buildout.	1,784
1f so, how much capacity is required?  7. Attach a description of the fire fighting facilities.  See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the DEP rules:  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 #.  3351182, 3351464	5. Esti	mated annual increase in ERCs *.	24	
7. Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7  8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  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 the 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 #.  3351182, 3351464	6. Is th			
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None  9. When did the company last file a capacity analysis report with the DEP?  10. If the present system does not meet the requirements of the DEP rules:  11. Attach a description of the plant upgrade necessary to meet the DEP rules.  12. When will construction begin?  13. Attach plans for funding the required upgrading.  14. Bepartment of Environmental Protection ID #.  15. 3351182, 3351464		If so, how much capacity is required?	750 gpm	
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 the 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 #.  3351182, 3351464	7. Atta	ich a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
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 #. 3351182, 3351464		. ,	for any enlargements or improver	nents of this system.
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 #. 3351182, 3351464				
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 #. 3351182, 3351464	9. Whe	en did the company last file a capacity analysis re	eport with the DEP?	N/A
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 #. 3351182, 3351464	10. If th	ne present system does not meet the requiremen	its of the DEP rules:	N/A
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 #. 3351182, 3351464	a.	Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
d. Attach plans for funding the required upgrading.  e. Is this system under any Consent Order with DEP?  11. Department of Environmental Protection ID #. 3351182, 3351464	b.	Have these plans been approved by DEP?		
e. Is this system under any Consent Order with DEP?  11. Department of Environmental Protection ID #. 3351182, 3351464	C.	When will construction begin?		
11. Department of Environmental Protection ID #. 3351182, 3351464	d.	Attach plans for funding the required upgrading.		
	e.	Is this system under any Consent Order with DE	P?	
12. Water Management District Consumptive Use Permit # 2644	11. De	partment of Environmental Protection ID #.	3351182, 3351464	
	12. Wa	nter Management District Consumptive Use Perm	nit#	2644
a. Is the system in compliance with the requirements of the CUP?	a.	Is the system in compliance with the requiremen	ats of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?  It should be noted that				
withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of				
the permit. Permits are reviewed peridically to ascertain whether modifications need to be filed with the			ertain whether modifications need	to be filed with the
water management district.	wa	iter management district.		<del> </del>

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

# 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	127	1	125	105
February	0	146	4	142	104
March	0	142	5	137	14
April	0	122	· 0	122	129
May	0	148	1	147	115
June	0	180	3	177	147
July	0	160	11	149	150
August	0	185	16	170	137
September	0	135	32	103	129
October	0	172	1	171	13
November	0	130	7	123	149
December	0	133	1	132	136
Total for year	0	1,780	83	1,697	1,573

If water is purchased for	resale, indicate the following	ng:		
Vendor	N/A			
Point of delivery	N/A			
			(11)	
If water is sold to other v	vater utilities for redistribution	on, list names of such	n utilities below:	
N/A				

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #2	75	108,000	Deep Well
		i	
		1	· 
			·

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):		* 100,800	(Reliable Peak Hour)
Location of mea	surement		ar*	
(l.e. WellHead, S	Storage Tank):		WellHead and/or	Distribution
Type of treatme	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, etc,)	):	Chlorination and A	Aeration
	ı	LIME TRE	EATMENT	
	١	LIME TRE	EATMENT	
Unit rating (i.e.,	GPM, pounds	LIME TRE		
Unit rating (i.e., per gallon):		LIME TRE	Manufacturer:	
	GPM, pounds	LIME TRE	Manufacturer:	
per gallon):	GPM, pounds N/A		Manufacturer:	
	GPM, pounds N/A farea:		Manufacturer:	

<sup>\*</sup> High Service

### **CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	59	59
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	59	59

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	1,573,350	35	365	123
	*			

# CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	( <del>0</del> )
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	. 0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30,0	0	0
6"	Displacement or Compound	50.0	50.0 0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalente	0	0

e page should be supplied where	necessary.
	35
*	205
ing existing lines.	35
e area buildout.	35
0	
No	
N/A	
for any enlargements or improve	ements of this system.
eport with the DEP?	N/A
nts of the DEP rules:	N/A
sary to meet the DEP rules.	
EP?	-
2544258	
mit #	N/A
nts of the CUP?	
ance?	
	ng existing lines. e area buildouit.  0  No  No  N/A  for any enlargements or improve eport with the DEP?  ats of the DEP rules: eary to meet the DEP rules.  EP?  2544258  mit #  ats of the CUP?

<sup>\*</sup> An ERC is determined based on the calculation on W-13
\*\* Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	59	59
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	59

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:		Average		
	SFR Gallons Sold	Customers	Days	ERC
	1,394,550 *	35	365	109

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	. 0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	Ó
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
-	Total Commercial Wastewater Syst	tem Meter Equiva	lents	0

SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT December 31, 2002

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	12,000				
Basis of Permit Capacity (1)	AADF				
Manufacturer	MCNEIL				
Type (2)	Extended Aeration				
Hydraulic Capacity (gpd)	12,000				
Average Daily Flow (mgd)	0.003	(Average of Max Month)			
Total Gallons of WW Treated (mg)	0.963				
Method of Effluent Disposal	Drainfield		,		

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

Furnish information below for each system. A separ	ate page should be supplied where necessary.
Present number of ERC's * now being served.	35
2. Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.  3. Present system connection capacity (in ERCs*) using exist.	110 ** ting lines. 35
4. Future connection capacity (in ERCs*) upon service area b	puildout.*** 35
5. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any None	enlargements or improvements of this system.
7. If the utility uses reuse as a means of effluent disposal, atta of reuse provided to each, if known.  N/A	ach a list of the reuse end users and the amount
If the utility does not engage in reuse, has a reuse feasibilit  If so, when?	y study been completed? No
Has the utility been required by DEP or water management	district to implement reuse?
If so, what are the utility's plans to comply with t	his requirement?
10. When did the company last file a capacity analysis report	with the DEP? October-00
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade neb. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with</li> </ul>	cessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA011715

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

# PUMPING AND PURCHASED WATER STATISTICS

	WATER PURCHASED	FINISHED WATER PUMPED	WATER USED FOR LINE FLUSHING,	TOTAL WATER PUMPED AND PURCHASED	WATER SOLD TO
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	650	7	644	50
February	0.	624	2	623	58
March	0	777	. 84	693	66
April	0	755	103	653	712
May	0	975	441	534	511
June	0	773	4	769	830
July	0	808	83	725	687
August	0	814	9	805	642
September	0	698	0	698	666
October	o	810	0	810	655
November	0	631	0	631	695
December	0	603	0	603	564
Total for year	0	8,919	732	8,187	7,712

			/	 
If water is purchased for re	esale, indicate the following	:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution	, list names of suc	ch utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	175	252,000	Deep Well
Well # 2	500	720,000	Deep Well
t			

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 252,000 (Reliable Peak Hour)
Location of measurement	
(I.e. WellHead, Storage Tank):	WellHead and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc.):	Chlorination
LIM	E TREATMENT
Unit rating (i.e., GPM, pounds	
	Manufacturer:
per gallon): N/A	Manufacturer:
per gallon): N/A	
per gallon): N/A f Type and size of area:	

<sup>\*</sup> Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

### **CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	127	127
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17,5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equ	ivalents	128	132

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)	Average				
	SFR Gallons Sold	Customers	Days	ERC	
	7,189,090	115	365	171	
	•				

# CALCULATION OF THE WATER SYSTEMS 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)
			**	
5/8"	Displacement	1.0	00	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalents	0	0

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

Furnish information below for each system. A separate page should be supplied where necessary.					
Present ERC's * that system can efficiently serve.	115				
2. Maximum number of ERCs * which can be served	368				
3. Present system connection capacity (in ERCs *) u	127				
4. Future connection capacity (in ERCs *) upon serv	Future connection capacity (in ERCs *) upon service area buildout.				
5. Estimated annual increase in ERCs *.	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.	See W-14 Exhibit Q-7				
Describe any plans and estimated completion date     None	<ol><li>Describe any plans and estimated completion dates for any enlargements or improvements of this system.</li></ol> None				
9. When did the company last file a capacity analysis	When did the company last file a capacity analysis report with the DEP?				
If the present system does not meet the requirements of the DEP rules:		N/A			
a. Attach a description of the plant upgrade nece	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 I	DEP?				
11. Department of Environmental Protection ID #.	3351205				
12. Water Management District Consumptive Use Pe	ermit #	2614			
a. Is the system in compliance with the requirem	nents of the CUP?	Yes,			
b. If not, what are the utility's plans to gain comp		It should be noted that			
	withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of				
the permit. Permits are reviewed peridically to ascertain whether modifications need to be filed with the					
water management district.					

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3".	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	4

# CALCULATION OF THE WASTEWATER SYSTEMS **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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:			Average		
	SFR Gallons So	ld	Customers	Days	ERC
	8,651,584	ŧ	30	365	790

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: SOUTH FORTY / MARION #1113

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	34	34
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
-	Total Commercial Wastewater Sys	tem Meter Equiva	lents	63

SYSTEM NAME / COUNTY: SOUTH FORTY / MARION #1113

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

		<del></del>
50,000		
M3MADF		
DAVCO		
Complete Mix/Exten	ded Aeration	
50,000		
0.030	(Average of Max Month)	
9.715		
Spray Irrigation		,
	M3MADF DAVCO Complete Mix/Exten 50,000 0.030 9.715	DAVCO Complete Mix/Extended Aeration 50,000 0.030 (Average of Max Month) 9.715

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SOUTH FORTY / MARION #1113

YEAR OF REPORT December 31, 2002

# OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	30
<ol> <li>Maximum number of ERC's * which can be served.</li> <li>Note: SFR gallons sold is not representative of total ww flow at plant.</li> <li>Present system connection capacity (in ERCs*) using ex</li> </ol>	52 ** isting lines. 36
4. Future connection capacity (in ERCs*) upon service area	•
5. Estimated annual increase in ERCs* 4	
Describe any plans and estimate completion dates for an None	y enlargements or improvements of this system.
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known.  N/A	ttach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasible	ility study been completed?
If so, when?	
9. Has the utility been required by DEP or water manageme	ent district to implement reuse? No
If so, what are the utility's plans to comply with	n this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? April-00
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade in b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the plant of /li></ul>	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA010720

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

# Spruce Creek 2002 PAGE W-11 EXHIBIT Spruce Creek-1 PAGE # 1 of 1

# List for each source of supply:

WELLS		CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	Type of source
Spruce Creek CC	# 01	2,250	3,240,000	DEEP WELL
Spruce Creek CC	# 02	2,250	3,240,000	DEEP WELL
Spruce Creek CC	# 03	1,500	2,160,000	DEEP WELL
Spruce Creek CC	# 04	1,500	2,160,000	DEEP WELL
Spruce Creek Preserve	# 01	550	792,000	DEEP WELL
Spruce Creek Preserve	# 02	550	792,000	DEEP WELL
Spruce Creek Preserve	# 06	550	792,000	DEEP WELL
Spruce Creek South	# 01	825	1,188,000	DEEP WELL
Spruce Creek South	# 02	825	1,188,000	DEEP WELL
Spruce Creek South	# 03	1,500	2,160,000	DEEP WELL

# 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	52,856	22	52,834	61,09
February	0	54,782	35	54,747	40,19
March	0	75,566	18	75,548	48,88
April	0	81,250	23	81,227	61,122
May	0	97,883	19	97,864	71,008
June	0	66,831	93	66,738	87,608
July	0	50,744	291	50,452	67,913
August	0	59,465	509	58,956	41,968
September	0	63,287	328	62,959	53,110
October	0	86,735	1,367	85,367	53,895
November	0	81,422	605	80,817	89,889
December	0	55,207	1,937	53,270	63,021
Total for year	0	826,026	5,246	820,781	739,704

If water is purchased for res	ale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other water	utilities for redistribution, li	ist names of such utili	ties below:	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
See Exhibit: Spruce Creek-1	<u> </u>	- Hom Cource	SOURCE
		· · · · · · · · · · · · · · · · · · ·	
7			<u> </u>
			:
		****	
		<u> </u>	
			1
		· · · · · · · · · · · · · · · · · · ·	·
		i	

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
			**	
5/8"	Displacement	1.0	3,952	3,952
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	5	40
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	3,960	4,032

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	656,604,928	3,602	365	499
	*			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR . (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	126	126
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	2	10 .
2"	Displacement, Compound or Turbine	8.0	5	40
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalente	137	214

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve.		3,602
2. Maximum number of ERCs * which can be served	**	7,177
3. Present system connection capacity (in ERCs *) u	sing existing lines.	3,902
4. Future connection capacity (in ERCs *) upon servi	ce area buildout.	5,619
5. Estimated annual increase in ERCs *.	312	
Is the utility required to have fire flow capacity?  If so, how much capacity is required?	Yes 4500 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date     Completed construction of Water Treatment Plant     500,000 gallon ground storage tank.	· -	· .
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 requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary 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	g.	
e. Is this system under any Consent Order with D	DEP?	
11. Department of Environmental Protection ID #.	3425020, 6424749, 3424826	
12. Water Management District Consumptive Use Pe	rmit #	82064, 20012218.001, 82827
a. Is the system in compliance with the requirement	ents of the CUP?	Yes,
<ul> <li>b. If not, what are the utility's plans to gain comp withdrawal quantities are dynamic and may fluctu</li> </ul>		It should be noted that
the permit. Permits are reviewed peridically to as	scertain whether modifications need	to be filed with the
water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,173	3,173
3/4"	Displacement	1.5	0	O
1"	Displacement	2.5	0	Ò
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
,	Total Residential Wastewater Syst	em Meter Equival	ents	3,189

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:		Average		
	SFR Gallons Sold	Customers	Days	ERC
	278,891,472	2,876	365	793

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	94	94
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	. 5
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	118

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SPRUCE CREEK / MARION #1120-1122

December 31, 2002

# TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Provide a sepa	rate sheet for each wa	istewater treatment facility	<u> </u>
Permitted Capacity (gpd)	719,000		
Basis of Permit Capacity (1)	AADF & M3MADF		
Manufacturer	MCNEIL		
Type (2)	Modified Ludzak-Ett	inger & Extended Aeration	
Hydraulic Capacity (gpd)	719,000		
Average Daily Flow (mgd)	0.320	(Average of Max Month)	
Total Gallons of WW Treated (mg)	103.192		
Method of Effluent Disposal	Public access reuse	e, Turf Farm & Percolation Po	nds

- (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: STONECREST / MARION #1130

YEAR OF REPORT December 31, 2002

Data here (page W-11) is total of both St. Johns Highlands and Hermits Cove

#### **PUMPING AND PURCHASED WATER STATISTICS**

SYSTEM IS INTERCONNECTED WITH HERMITS COVE

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d) *	(e)	(f) *
January	0	14,600	638	13,961	13,882
February	0	14,055	574	13,481	10,102
March	0	18,701	- 636	18,065	12,730
April	0	18,922	617	18,305	15,466
May	0	25,289	409	24,880	18,002
June	0	17,509	127	17,381	16,298
July	0	12,047	294	11,753	8,807
August	0	17,120	87	17,033	10,649
September	0	17,661	1,256	16,405	13,774
October	0	23,366	57	23,309	17,252
November	0	21,405	65	21,340	16,027
December	0:	16,988	68	16,921	14,169
Total for year	0	217,662	4,829	212,833	167,158

If water is purchased for r	esale indicate the following	na.		
Vendor	N/A	.9.		
Point of delivery	N/A			
If water is sold to other wa	ater utilities for redistributi	on, list names of suc	ch utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	 gpm	FROM SOURCE	SOURCE
Well #1	1,500	2,160,000	Deep Well
Well #3	1,500	2,160,000	Deep Well

<sup>\*</sup> Stonecrest was purchased in December 2000, Sold and Other use data not available.

SYSTEM NAME / COUNTY: STONECREST / MARION #1130

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 1,246,000	(Max Day Capacity)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or Di	stribution
Type of treatment (reverse osm	iosis,		
(sedimentation, chemical, aerat	ted, etc,):	Chlorination	
	LIME T	REATMENT	
Unit rating (i.e., GPM, pounds			
		Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A	FILT	Manufacturer:	, and a second s
per gallon): N/A	FILT		
	FILT N/A		

<sup>\*</sup> Contact Time

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	977	977
3/4"	Displacement	1.5	0	. 0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	valente	977	977

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	103,304,486	725	365	390
	•			

SYSTEM NAME / COUNTY: STONECREST / MARION #1130

#### CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	15	15
3/4"	Displacement	1.5	0	. 0
1"	Displacement	2.5	19	48
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turbine	8.0	16	128
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	56	246

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONECREST / MARION #1130

# OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separ	rate page should be supplied wh	ere necessary.			
Present ERC's * that system can efficiently serve	<b>).</b>	725			
2. Maximum number of ERCs * which can be served	1,596				
3. Present system connection capacity (in ERCs *)	Present system connection capacity (in ERCs *) using existing lines.				
4. Future connection capacity (in ERCs *) upon serv	Future connection capacity (in ERCs *) upon service area buildout.				
5. Estimated annual increase in ERCs *.	116				
6. Is the utility required to have fire flow capacity?	Yes				
If so, how much capacity is required?	2130 gpm				
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7				
Describe any plans and estimated completion dat Major Water Treatment Plant Upgrade to be star 750,000 gallon ground storage tank and high ser	ted in 2003 and completed in 20				
If the present system does not meet the requirem     a. Attach a description of the plant upgrade necessary.		N/A			
b. Have these plans been approved by DEP?					
c. When will construction begin?					
d. Attach plans for funding the required upgrading	ng.				
e. Is this system under any Consent Order with	DEP?				
11. Department of Environmental Protection ID #.	Department of Environmental Protection ID #.  3424897				
12. Water Management District Consumptive Use P	Permit #	71676			
a. Is the system in compliance with the requirer	ments of the CUP?	Yes,			
b. If not, what are the utility's plans to gain comwithdrawal quantities are dynamic and may flucthe permit. Permits are reviewed peridically to a					
water management district.					

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: STONECREST / MARION #1130

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	0	, С
2"	Displacement, Compound or Turb	8.0	3	24
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3".	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	0	C
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	C
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
-	Fotal Commercial Wastewater Sys	tem Meter Equiva	lents	57

SYSTEM NAME / COUNTY: STONECREST / MARION #1130

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	150,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	MCNEIL		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	150,000		
Average Daily Flow (mgd)	0.116	(Average of Max Month)	
Total Gallons of WW Treated (mg)	24.888		
Method of Effluent Disposal	Percolation Ponds		

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

# OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	rate page sho	ould be supplied where necessary.
Present number of ERC's * now being served.		692
Maximum number of ERC's * which can be served.     Note: SFR gallons sold is not representative of total ww flow at plant.	694	**
3. Present system connection capacity (in ERCs*) using exist	sting lines.	1,210
4. Future connection capacity (in ERCs*) upon service area	buildout.***	2,897
5. Estimated annual increase in ERCs* 116		· · · · · · · · · · · · · · · · · · ·
<ol> <li>Describe any plans and estimate completion dates for any Design of the WWTP expansion and treatment plan in 2003.</li> </ol>		
If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known.	tach a list of the	e reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibil	ity study been o	completed? No
If so, when?		
9. Has the utility been required by DEP or water managemer	nt district to imp	plement reuse? No
If so, what are the utility's plans to comply with	this requirem	nent?
10. When did the company last file a capacity analysis repor	t with the DEP?	? November-98
<ul> <li>11. If the present system does not meet the requirements of</li> <li>a. Attach a description of the plant upgrade no</li> <li>b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgra</li> <li>e. Is this system under any Consent Order with</li> </ul>	ecessary to mo	N/A neet the DEP rules.
12. Department of Environmental Protection ID #	FLA010741	

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

#### PUMPING AND PURCHASED WATER STATISTICS

•	WATER	FINISHED	WATER USED FOR LINE	TOTAL WATER PUMPED AND	WATER COLD
	1				WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,		TO
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	47	5	43	51
February	0:	53	2.	51	91
March	0	65	10	55	52
April	0	89	4	85	61
May	0	118	33	85	73
June	0	97	0	97	119
July	0	86	0	86	73
August	0	55	3	52	77
September	0	59	0	59	40
October	0	55	0	55	54
November	0	92	0	92	43
Decemb <b>e</b> r	0	41	0	41	92
Total for year	0	856	56	801	827

If water is purchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution,	list names of such	utilities below:	
N/A				

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	100	144,000	Deep Well
		:	
		i +	

SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	(GPD):	*-	144,000	(Peak Hour)
Location of meas	urement			
(I.e. WellHead, Sto	orage Tank):		WellHead and/or	Distribution
Type of treatment	(reverse osmosis,			
(sedimentation, c	hemical, aerated, etc	; <b>,):</b>	Chlorination	
		LIME TREA	TMENT	
Unit rating (i.e., G	PM, pounds	LIME TREA	TMENT	
Unit rating (i.e., G	PM, pounds N/A	LIME TREA	TMENT Manufacturer	:
	• •	LIME TREA	Manufacturer	:
	N/A		Manufacturer	:
per gallon):	N/A irea:		Manufacturer	

<sup>\*</sup> Well

SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

#### **CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	11	11
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
T.4	al Residential Water System Meter Equ	ivalenta	13	19

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	781,530	9	365	238
	•			

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

#### OTHER WATER SYSTEM INFORMATION

Fu	urnish information below for each system. A separate	e page should be supplied where r	necessary.
1.	Present ERC's * that system can efficiently serve.		9
2.	Maximum number of ERCs * which can be served **	*	151
3.	Present system connection capacity (in ERCs *) usin	ng existing lines.	10
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	12
5.	Estimated annual increase in ERCs *.	1	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None	for any enlargements or improvem	nents of this system.
	When did the company last file a capacity analysis re		N/A
	a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?	The state of the s	
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	:P?	
11.	Department of Environmental Protection ID #.	3351282	
12.	Water Management District Consumptive Use Perm	nit#	2606
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia withdrawal quantities are dynamic and may fluctuat the permit. Permits are reviewed peridically to asce	te beyond permitted quantities duri	
		sitalli whether modifications need	to be filed with the
	water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

#### **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	5,674	4,430	1,244	1,305
February	0	3,961	2,242	1,719	1,264
March	0	5,153	4,034	1,119	1,414
April	0	4,459	2,926	1,533	1,414
May	0	5,093	3,536	1,557	1,419
June	0	3,917	2,256	1,661	2,047
July	0	5,423	3,899	1,524	1,482
August	o	7,001	5,568	1,433	1,480
September	0	6,547	4,818	1,729	1,375
October	0	4,940	3,570	1,370	1,545
November	0	4,904	3,471	1,433	1,300
December	0	3,683	2,148	1,535	1,382
Total for year	0	60,755	42,899	17,856	17,427

p				
If water is purchased for r	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ater utilities for redistribution, li	st names of such utilities below	v:	
N/A				
<u> </u>				

		CAPACITY	GALLONS	
	İ	OF WELL	PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1		300	432,000	Deep Well
Well # 4		350	504,000	Deep Well
Well # 5		200	288,000	Deep Well
			l	

SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT December 31, 2002

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 1,008,000	(Reliable Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead and/or D	istribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination and Iro	on Removal
L	IME TREATMENT	
Unit rating (i.e., GPM, pounds		
- '	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	
per gallon): N/A	<del></del>	
per gallon): N/A Type and size of area:	<del></del>	

<sup>\*</sup> High Service

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	420	420
3/4"	Displacement	1.5	4	6
1"	Displacement	2.5	17	43
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	11	1,595
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalente	453	2,094

# CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	16,262,629	412	365	108
	•			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(,	, ,		**	
5/8"	Displacement	1.0	12	12
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turbine	8,0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	2	60
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0 `
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalents	27	148

#### OTHER WATER SYSTEM INFORMATION

Furni	sh information below for each system. A separate	e page should be supplied where r	necessary.
1. Pr	esent ERC's * that system can efficiently serve.		412
2. Ma	aximum number of ERCs * which can be served *	•	2,330
3. Pr	esent system connection capacity (in ERCs *) usi	ng existing lines.	549
4. Fu	ture connection capacity (in ERCs *) upon service	e area buildout.	6,433
5. Es	timated annual increase in ERCs *.	3	
6. Is	the utility required to have fire flow capacity?  If so, how much capacity is required?	Yes 500 gpm	
7. At	tach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
	escribe any plans and estimated completion dates	for any enlargements or improven	nents of this system.
	nen did the company last file a capacity analysis r		N/A
10. If	the present system does not meet the requiremen	nts of the DEP rules:	N/A
a.	Attach a description of the plant upgrade necess	sary 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.		
е	. Is this system under any Consent Order with DE	EP?	
11. D	epartment of Environmental Protection ID #.	1670647	
12. V	Vater Management District Consumptive Use Perr	nit#	19842730
а	. Is the system in compliance with the requireme	nts of the CUP?	Yes,
<u>v</u> t	b. If not, what are the utility's plans to gain compli- vithdrawal quantities are dynamic and may fluctua- the permit. Permits are reviewed peridically to asc vater management district.	te beyond permitted quantities du	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	182	182
3/4"	Displacement	1.5	0	Q
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	. 0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	182

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

	Average		
SFR Gallons Sold	Customers	Days	ERC
4,954,310	167	365	81
	 	SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	6	6
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	0	(
1 1/2"	Displacement or Turbine	5.0	0	. (
2"	Displacement, Compound or Turb	8.0	0	C
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3".	Turbine	17.5	0	C
4"	Displacement or Compound	25.0	0	
4"	Turbine	30	0	C
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	<u>C</u>
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	6

# OTHER WASTEWATER SYSTEM INFORMATION

Present number of ERC's * now being served.	167	
2. Maximum number of ERC's * which can be served.	617	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
<ul> <li>Present system connection capacity (in ERCs*) using ex</li> </ul>	kisting lines. 888	A STATE OF THE STA
. Future connection capacity (in ERCs*) upon service are	a buildout.*** 3,555	3
Estimated annual increase in ERCs* 0		
Describe any plans and estimate completion dates for a None	ny enlargements or impr	
If the utility uses reuse as a means of effluent disposal, of reuse provided to each, if known.  N/A  If the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse.	and the district Associated Assoc	
. Has the utility been required by DEP or water managem	ent district to implement	reuse? No
Has the utility been required by DEP or water managem If so, what are the utility's plans to comply wit		reuse? No
9. Has the utility been required by DEP or water managem  If so, what are the utility's plans to comply wit	h this requirement?	reuse? No February-01
If so, what are the utility's plans to comply wit	h this requirement?  ort with the DEP?	February-01
If so, what are the utility's plans to comply with the company last file a capacity analysis report. If the present system does not meet the requirements	h this requirement?  ort with the DEP?  of DEP rules: N.	February-01
If so, what are the utility's plans to comply wit	ort with the DEP?  of DEP rules:  necessary to meet the	February-01
If so, what are the utility's plans to comply with the company last file a capacity analysis report. If the present system does not meet the requirements a. Attach a description of the plant upgrade b. Have these plans been approved by DEP c. When will construction begin?	th this requirement?  Out with the DEP?  Of DEP rules:  Nonecessary to meet the	February-01 A DEP rules.
If so, what are the utility's plans to comply with the present system does not meet the requirements a. Attach a description of the plant upgrade b. Have these plans been approved by DEP c. When will construction begin?  d. Attach plans for funding the required upgrade.	h this requirement?  ort with the DEP?  of DEP rules:  necessary to meet the?  ading.	February-01 A DEP rules.
If so, what are the utility's plans to comply with the company last file a capacity analysis report. If the present system does not meet the requirements a. Attach a description of the plant upgrade b. Have these plans been approved by DEP c. When will construction begin?	h this requirement?  ort with the DEP?  of DEP rules:  necessary to meet the?  ading.	February-01 A DEP rules.
If so, what are the utility's plans to comply with the present system does not meet the requirements a. Attach a description of the plant upgrade b. Have these plans been approved by DEP c. When will construction begin?  d. Attach plans for funding the required upgrade upgrade to the plant upgrade to t	h this requirement?  ort with the DEP?  of DEP rules:  necessary to meet the?  ading.	February-01 A DEP rules.

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: SUNSHINE PARKWAY / LAKE #560

# **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	4,740	444	4,296	5,019
February	0	2,918	399	2,519	2,423
March	0	2,853	416	2,437	2,591
April	0	2,278	336	1,942	1,958
May	0	3,078	358	2,720	2,588
June	0	2,478	427	2,051	2,628
Jul <b>y</b>	0	2,233	524	1,709	1,560
August	0	1,711	326	1,385	1,699
September	0	2,372	207	2,165	1,246
October	0	2,402	156	2,246	2,177
November	0	2,115	222	1,893	2,045
December	0	2,112	217	1,895	1,508
Total for year	0	31,289	4,032	27,257	27,442

<u></u>					
If water is purchased for re	esale, indicate the following:				
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistribution,	list names of such u	utilities below:		
N/A					
				•	

	CAPACITY	GALLONS		
	OF WELL	PER DAY	TYPE OF	
List for each source of supply:	gpm	FROM SOURCE	SOURCE	
Well #1	1,000	1,440,000	Deep Well	
Well # 2	1,000	1,440,000	Deep Well	
		:		
	<u> </u>	1		
t				

SYSTEM NAME / COUNTY: SUNSHINE PARKWAY / LAKE #560

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	t (GPD):	* 1,084,000	(Reliable Max Day Capacity)		
Location of mea	surement				
(i.e. WellHead, Storage Tank):		WellHead an	WellHead and/or Distribution		
Type of treatmer	nt (reverse osmosis,				
(sedimentation,	chemical, aerated, etc,):	Chlorination			
	_	IME TREATMENT			
Unit rating (i.e., 0	_	IME TREATMENT  Manufact	turer:		
per gallon):	GPM, pounds N/A		turer:		
• • •	GPM, pounds N/A area:	Manufact			

<sup>\*</sup> Aerator

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

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	26,143,810	28	365	2,558
	6			

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	4	4
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	10	25
1 1/2"	Displacement or Turbine	5.0	9	45
2"	Displacement, Compound or Turbine	8.0	21	168
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	3	53
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	48	357

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNSHINE PARKWAY / LAKE #560

#### OTHER WATER SYSTEM INFORMATION

. Present ERC's * that system can efficiently serve	·	28		
. Maximum number of ERCs * which can be served	ximum number of ERCs * which can be served **			
3. Present system connection capacity (in ERCs *) i	using existing lines.	619		
4. Follows are the fire EDCs the upon some	ing area buildout	1 176		
<ol> <li>Future connection capacity (in ERCs *) upon server</li> </ol>	nce area pulluout.	1,176		
5. Estimated annual increase in ERCs *.	6			
3. Is the utility required to have fire flow capacity?	Yes			
If so, how much capacity is required?	2000 gpm			
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7			
Describe any plans and estimated completion dat     None	es for any enlargements or impro	ovements of this system.		
When did the company last file a capacity analysis	s report with the DEP?	N/A		
If the present system does not meet the requirem	nents of the DEP rules:	N/A		
a. Attach a description of the plant upgrade nece	essary 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 upgradir	ng.			
e. Is this system under any Consent Order with	DEP?			
Department of Environmental Protection ID #.	3350691			
12. Water Management District Consumptive Use Pe	ermit #	2550		
a. Is the system in compliance with the requiren	nents of the CUP?	Yes,		
b. If not, what are the utility's plans to gain com	pliance?	It should be noted that		
b. If flot, what are the utility a plans to gain com				

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
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 Turb	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	(
6"	Displacement or Compound	50.0	0	(
6"	Turbine	62.5	0	(
8"	Compound	80.0	0	C
8"	Turbine	90.0	0	C
10"	Compound	115.0	0	C
10"	Turbine	145.0	0	C
12"	Turbine	215.0	0	C
-	Total Residential Wastewater Syst	em Meter Equival	en <b>ts</b>	(

## CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:		Average		
SFR Gallons Sol	d	Customers	Days	ERC
13,197,800	*	24	365	1,507
* This system only has co	mmoroio	Laustamara		

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: SUNSHINE PARKWAY / LAKE #560

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	8	20
1 1/2"	Displacement or Turbine	5.0	6	. 30
2"	Displacement, Compound or Turb	8.0	5	40
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3".	Turbine	17.5	4	70
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	0	C
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Total Commercial Wastewater Syst	tem Meter Equiva	lents	226

**UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: SUNSHINE PARKWAY / LAKE #560

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	T	I	
Permitted Capacity (gpd)	150,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Davco		
Type (2)	Oxidation Ditch		
Hydraulic Capacity (gpd)	150,000		
Average Daily Flow (mgd)	0.062	(Average of Max Month)	
Total Gallons of WW Treated (mg)	19.440		
Method of Effluent Disposal	Percolation Ponds		

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

<sup>(2)</sup> Contact stabilization, advanced treatment, etc.

### OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page should be supplied where necessary.
Present number of ERC's * now being served.	24
Maximum number of ERC's * which can be served.	100 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using ex	xisting lines. 53
4. Future connection capacity (in ERCs*) upon service are	a buildout.*** 1,064
5. Estimated annual increase in ERCs* 3	
Describe any plans and estimate completion dates for a	ny enlargements or improvements of this system
Projects to be completed in 2003 include master life	
wastewater treatment plant improvements includin	
plant replacement.	<u> </u>
· · · · · · · · · · · · · · · · · · ·	
7. If the utility uses reuse as a means of effluent disposal, a	attach a list of the reuse end users and the amount
of reuse provided to each, if known.	
3. If the utility does not engage in reuse, has a reuse feasib	pility study been completed?
If so, when?	
Has the utility been required by DEP or water management	ent district to implement reuse? No
If so, what are the utility's plans to comply wit	h this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? N/A
	N/A
11. If the present system does not meet the requirements of	
a. Attach a description of the plant upgrade r	2
<ul><li>b. Have these plans been approved by DEP'</li><li>c. When will construction begin?</li></ul>	(
d. Attach plans for funding the required upgr	ading
e. Is this system under any Consent Order w	vith DEP2
c. 13 this system under any consent cluer w	WILL DEL
12. Department of Environmental Protection ID #	FLA010656-002

S-13 20560 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

#### **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	3,018	718	2,300	2,227
February	0	2,701	388	2,313	1,917
March	0	3,572	764	2,808	2,136
April	0	3,937	·822	3,114	2,543
May	0	4,909	1,351	3,558	3,575
June	o	2,959	212	2,747	2,648
July	0	2,820	983	1,837	1,649
August	0	2,843	1,329	1,514	1,949
September	0	2,660	21	2,639	1,920
October	0	3,454	56	3,398	2,093
November	0	2,979	45	2,934	2,007
December	0	2,699	44	2,655	1,717
Total for year	0	38,550	6,733	31,817	26,379

If water is purchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution, li	st names of such utilities bel	low:	
N/A	tor attition for realistication, in	or hamos or such annuas por		

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	325	468,000	Deep Well
Well #2	250	360,000	Deep Well
		1	

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

YEAR OF REPORT December 31, 2002

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	(GPD):	* 360,000	(Reliable Peak Hour)
Location of measu	urement	***	
(I.e. WellHead, Sto	orage Tank):	WellHead and/or	Distribution
Type of treatment	(reverse osmosis,		
(sedimentation, ch	nemical, aerated, etc,):	Chlorination	
		·	
	LI	ME TREATMENT	
Unit rating (i.e., GF		ME TREATMENT	
		ME TREATMENT  Manufacturer	:
Unit rating (i.e., Gi	PM, pounds		
	PM, pounds N/A	Manufacturer	
per gallon):	PM, pounds N/A rea:	Manufacturer	· · · · · · · · · · · · · · · · · · ·

<sup>\*</sup> Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(a)	(b)	(6)	(u) **	(₩)
5/8"	Displacement	1.0	251	251
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	258	269

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Days 365	ERC 274
365	274

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

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate	page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve.		227
2. Maximum number of ERCs * which can be served **		328
3. Present system connection capacity (in ERCs *) using	ng existing lines.	297
4. Future connection capacity (in ERCs *) upon service	area buildout.	9,905
5. Estimated annual increase in ERCs *.	2	
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates     None	for any enlargements or improven	nents of this system.
9. When did the company last file a capacity analysis re	eport with the DEP?	N/A
10. If the present system does not meet the requiremen	ts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necess	ary 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 DE	P?	
11. Department of Environmental Protection ID #.	3481329	
12. Water Management District Consumptive Use Perm	nit#	51073
a. Is the system in compliance with the requiremen	its of the CUP?	Yes,
<ul> <li>b. If not, what are the utility's plans to gain complia</li> <li>withdrawal quantities are dynamic and may fluctual</li> </ul>		It should be noted that
withdrawat quantities are dynamic and may fluctual the permit. Permits are reviewed peridically to ascumater management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

#### **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,823	41	1,781	1,914
February	0	1,768	129	1,640	1,706
March	0	2,295	26	2,269	1,910
April	0	2,429	. 0	2,429	2,435
May	0	2,849	26	2,823	2,759
June	0	2,056	146	1,910	2,058
July	0	1,880	26	1,854	1,774
August	0	2,096	26	2,070	1,719
September	0	1,898	26	1,872	1,823
October	0	2,014	26	1,988	1,988
November	0	1,890	26	1,864	1,622
December	0	1,803	26	1,777	1,895
Total for year	0	24,801	523	24,279	23,603

If water is purchased for re	sale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
	ter utilities for redistribution, list	names of such utilities belo	w:	
N/A				

		CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each	source of supply:	gpm	FROM SOURCE	SOURCE
Weil #1	Tomoka View	200	288,000	Deep Well
Well # 2	Tomoka View	100	144,000	Deep Well
Weil # 1	Twin Rivers	125	180,000	Deep Well
				!
		And the sales of t		

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

	TR*	180,000	(Max Day Capacity)
nt (GPD):	TV*	144,000	(Reliable Max Day Capacity)
asurement		*-*	
Storage Tank):		WellHead and/or (	Distribution
nt (reverse osmosis,			
chemical, aerated, etc,):		Chlorination	
LI	ME TREA	TMENT	
GPM, pounds			
N/A		Manufacturer:	
	FILTRA	TION	
f area:			
uare feet):	I/A	Manufacturer:	
	GPM, pounds N/A f area:	asurement Storage Tank): ent (reverse osmosis, chemical, aerated, etc,):  LIME TREA  GPM, pounds  N/A  FILTRA	asurement  Storage Tank):  WellHead and/or lead to the storage Tank):  WellHead and/or lead to the storage Tank):  Chlorination  LIME TREATMENT  GPM, pounds  N/A  Manufacturer:  FILTRATION  f area:

<sup>\*</sup> Wells

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	265	265
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	265	265

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	23,365,417	266	365	241
	*			
	· ·			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(d)	(0)	(6)	**	(0)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tate	al Commercial Water System Meter Equ	inalanta	4	11

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separat	e page should be supplied where 	necessary.
1.	Present ERC's * that system can efficiently serve.		266
2.	Maximum number of ERCs * which can be served *	*	673
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	266
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	266
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  'If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates Install ammonia feed system estimated completion	6/27/03.	ments of this system.
	Abandon hydropneumatic tank and add generator	11/20/03.	
9.	When did the company last file a capacity analysis r	report with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary 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 DE	EP?	
11.	Department of Environmental Protection ID #.	3641373	
12.	Water Management District Consumptive Use Perr	mit #	N/A
	a. Is the system in compliance with the requireme	nts of the CUP?	
	b. If not, what are the utility's plans to gain compli-	ance?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13
\*\* Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

#### PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	WATER USED  FOR LINE  FLUSHING,  FIGHTING  FIRES, ETC.	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	3,010	0	3,010	3,016
February	0	2,651	o	2,651	2,668
March	2	3,299	0	3,301	2,663
April	0	3,534	. 0	3,534	3,453
May	0	3,475	0	3,475	3,433
June	0	2,936	0	2,936	2,908
July	0	2,903	0	2,903	2,995
August	0	3,096	0	3,096	2,869
September	0	2,887	0	2,887	2,676
October	0	3,128	0	3,128	2,972
November	0	2,798	0	2,798	2,592
December	0	2,852	0	2,852	2,841
Total for year	2	36,568	0	36,570	35,086

If water is purchased for res	e, indicate the following:	
Vendor	City of Kissimmee	
Point of delivery	4 inch Rockwell meter	
If water is sold to other wate	utilities for redistribution, list names of such utilities below:	
N/A		

List for each source of supply:		OF WELL PI		GALLONS PER DAY OM SOURCE	TYPE OF SOURCE
Well #1		35	0	504,000	Deep Well
Well # 2	Backup	10	0	144,000	Deep Well
		1			
		•	1		1

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: TROPICAL PARK / OSCEOLA #781

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPI	O):	* 144,000	(Reliable Peak Hour)
Location of measurem	ent	4.5	
(I.e. WellHead, Storage	Tank):	WellHead and/or	Distribution
Type of treatment (rev	erse osmosis,		
(sedimentation, chemi	cal, aerated, etc,):	Chlorination	
	LIME	TREATMENT	
Unit rating (i.e., GPM, <sub>I</sub>		TREATMENT	
- · · · · · · · · · · · · · · · · · · ·	oounds	TREATMENT  Manufacturer	:
Unit rating (i.e., GPM, <sub>I</sub> per gallon):	oounds N/A		•
- · · · · · · · · · · · · · · · · · · ·	oounds N/A	Manufacturer	:
per gallon):	oounds N/A FII	Manufacturer LTRATION	

<sup>\*</sup> Wells

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	563	563
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	tal Residential Water System Meter Equi	valents	568	579

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	32,712,321	534	365	168
	t			

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

YEAR OF REPORT

December 31, 2002

#### OTHER WATER SYSTEM INFORMATION

Present ERC's * that system can efficiently serve.  Maximum number of ERCs * which can be served **  Present system connection capacity (in ERCs *) using existing lines.	534 N/A - Interconnected 589
Present system connection capacity (in ERCs *) using existing lines.	
	589
Future connection capacity (in ERCs *) upon service area buildout.	589
Estimated annual increase in ERCs *. 8	
Is the utility required to have fire flow capacity?  No  If so, how much capacity is required?	
Attach a description of the fire fighting facilities.  N/A	
Describe any plans and estimated completion dates for any enlargements or impro Distribution system improvements estimated to be completed 12/19/03.	vements of this system.
When did the company last file a capacity analysis report with the DEP?	N/A
If the present system does not meet the requirements of the 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?	
Department of Environmental Protection ID #. 3491958	
Water Management District Consumptive Use Permit #	49-00290-W
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? withdrawal quantities are dynamic and may fluctuate beyond permitted quantities the permit. Permits are reviewed peridically to ascertain whether modifications no	
water management district.	sea to be filed with the

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

#### **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	2,456	361	2,095	2,146
February	0	2,212	645	1,567	1,740
March	0	3,075	870	2,205	2,003
April	0	3,393	792	2,601	2,487
May	0	3,798	1,452	2,346	2,224
June	0	2,255	28	2,227	3,012
July	0	2,053	267	1,786	1,759
August	0	2,098	2,168	-70	1,662
September	0	2,060	1	2,059	1,501
October	0	2,574	1	2,572	1,785
November	0	2,397	3	2,395	2,053
December	0	1,883	2	1,880	1,866
Total for year	0	30,254	6,590	23,664	24,238

If water is purchased for re	esale, indicate the follo	owing:				
Vendor	N/A					
Point of delivery	N/A					
If water is sold to other wa	iter utilities for redistrib	oution, list names of	f such utilities bel	ow:		
N/A						
Ì						
					-	

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	750	1,080,000	Deep Well
Well # 2	350	504,000	Deep Well
	<u> </u>		
	A STATE OF THE STA		
		ļ	

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / ŁAKE #554

YEAR OF REPORT December 31, 2002

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	it (GPD):	* 504,000	(Reliable Peak Hour)
Location of mea	surement	***	
(i.e. WellHead, S	torage Tank):	WellHead and/or	Distribution
Type of treatmen	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc.):	Chlorination	
	LIM	E TREATMENT	
Unit rating (i.e.,	GPM, pounds		
Unit rating (i.e., o	GPM, pounds N/A	Manufacturer	:
	N/A	Manufacturer	:
	N/A F		•
per gallon):	N/A F area:	ILTRATION	

<sup>\*</sup> Wells

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(θ)
5/8"	Displacement	1.0	335	335
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	335	335

#### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	21,223,308	328	365	177
	•			

IETER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	4	4
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turbine	8.0	4	32
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	18	71

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied whe	re necessary.
. Present ERC's * that system can efficiently serve.		328
. Maximum number of ERCs * which can be served	711	
. Present system connection capacity (in ERCs *) u	sing existing lines.	328
. Future connection capacity (in ERCs *) upon servi	ce area buildout.	328
Estimated annual increase in ERCs *.	0	
Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	750 gpm	
Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date	es for any enlargements or impro	vements of this system.
When did the company last file a capacity analysis	report with the DEP?	N/A
. If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary 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	g.	
e. Is this system under any Consent Order with E	DEP?	
Department of Environmental Protection ID #.	3351421	
2. Water Management District Consumptive Use Pe	ermit #	2632
a. Is the system in compliance with the requirem	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp		it should be noted that
withdrawal quantities are dynamic and may fluctu		
	scertain whether modifications ne	sed to be tiled with file
the permit. Permits are reviewed peridically to as water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	335	335
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	335

### CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

R Gallons Sold	Customers	Days	ERC
12,438,933	326	365	105

**UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT December 31, 2002

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	80,000				
Basis of Permit Capacity (1)	AADF				
Manufacturer	DEFIANCE				
Type (2)	Extended Aeration				
Hydraulic Capacity (gpd)	80,000		:		
Average Daily Flow (mgd)	0.069	(Average of Max Month)			
Total Gallons of WW Treated (mg)	15.101				
Method of Effluent Disposal	Percolation 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.

#### OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	326
2. Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	762 **
3. Present system connection capacity (in ERCs*) using exi	sting lines. 331
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 331
5. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any None	y enlargements or improvements of this system.
<ul> <li>7. If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A</li> <li>8. If the utility does not engage in reuse, has a reuse feasibition of the so, when?</li> </ul>	
9. Has the utility been required by DEP or water manageme	nt 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 repo	rt with the DEP? April-01
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not be the seen approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the construction of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant of the plant upgrade.</li> </ul>	ecessary to meet the DEP rules.  ading.
12. Department of Environmental Protection ID #	FLA010599

S-13 20554 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

#### **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	1,637	719	918	788
February	0	770	37	734	674
March	0	883	36	846	712
April	0	910	31	879	876
May	0	1,062	335	727	718
June	0	897	25	873	871
July	0	835	80	755	737
August	0	768	13	755	618
September	0	758	0	758	605
October	0	938	1	937	831
November	0	848	1	848	762
December	0	864	1	863	760
Total for year	0	11,170	1,278	9,892	8,951

If water is purchased for re	esale, indicate the following:				
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistribution, I	ist names of such util	lities below:		
N/A					
				•	

		CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1		240	345,600	Deep Well
Well # 2		100	144,000	Deep Well
			A	1
			1	AAAAA
	•	1	1	

YEAR OF REPORT December 31, 2002

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plar	nt (GPD):		* 144,000	(Reliable Peak Hour)
Location of mea	surement		***	
(I.e. WellHead, S	Storage Tank):		WellHead and/or I	Distribution
Type of treatmen	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, et	tc,):	Chlorination	odkolon dels de company (1 %)
		LIME TR	REATMENT	
Unit rating (i.e.,	GPM, pounds			
Unit rating (i.e., per gallon):	GPM, pounds N/A		Manufacturer:	
	· ·	FILTF	Manufacturer:	
	N/A	FILTF		
per gallon):	N/A area:	FILTF N/A		

<sup>\*</sup> Wells

IETER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	147	147
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	valents	148	150

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	8,732,024	139	365	172
	•			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
			**	
5/8"	Displacement	1.0	2	2
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	00
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Water System Meter Equivalents			2	2

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	te page should be supplied whe	re necessary
1. Present ERC's * that system can efficiently serve.		139
2. Maximum number of ERCs * which can be served	209	
3. Present system connection capacity (in ERCs *) us	sing existing lines.	163
4. Future connection capacity (in ERCs *) upon service	ce area buildout.	202
5. Estimated annual increase in ERCs *.	3	
6. Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates     None	s for any enlargements or improv	vements of this system.
9. When did the company last file a capacity analysis	report with the DEP?	N/A
). If the present system does not meet the requirements of the DEP rules:		N/A
a. Attach a description of the plant upgrade neces	sary 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 D	EP?	
11. Department of Environmental Protection ID #.	3351426	
12. Water Management District Consumptive Use Per	mit#	2608
a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
<ul> <li>b. If not, what are the utility's plans to gain compli- withdrawal quantities are dynamic and may fluctua- the permit. Permits are reviewed peridically to as</li> </ul>	ate beyond permitted quantities	
water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)	
5/8"	Displacement	1.0	93	93	
3/4"	Displacement	1.5	0	0	
1"	Displacement	2.5	0	0	
1 1/2"	Displacement or Turbine	5.0	0	0	
2"	Displacement, Compound or Turb	8.0	0	0	
3"	Displacement	15.0	0	0	
3"	Compound	16.0	0	0	
3"	Turbine	17.5	0	0	
4"	Displacement or Compound	25.0	0	0	
4"	Turbine	30	0	0	
6"	Displacement or Compound	50.0	0	0	
6"	Turbine	62.5	0	0	
8"	Compound	80.0	0	0	
8"	Turbine	90.0	0	0	
10"	Compound	115.0	0	0	
10"	Turbine	145.0	0	0	
12"	Turbine	215.0	0	0	
	Total Residential Wastewater System Meter Equivalents				

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:			Average		
	SFR Gallons Solo	d	Customers Days		ERC
	4,434,261	ŧ	88	365	138

# UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	·8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
-	Total Commercial Wastewater System Meter Equivalents			

**UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT December 31, 2002

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

<u> </u>		I	1
Permitted Capacity (gpd)	36,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	MARLOF		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	36,000		
Average Daily Flow (mgd)	0.021	(Average of Max Month)	
Total Gallons of WW Treated (mg)	6.101		
Method of Effluent Disposal	Percolation 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.

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	88
2. Maximum number of ERC's * which can be served.	261 **
<ul> <li>Note: SFR gallons sold is not representative of total ww flow at plant.</li> <li>Present system connection capacity (in ERCs*) using exit</li> </ul>	isting lines. 98
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 98
5. Estimated annual increase in ERCs* 1	
<ol> <li>Describe any plans and estimate completion dates for any Collection system rehabilitation to be completed in 2</li> </ol>	
7. If the utility uses reuse as a means of effluent disposal, at	ttach a list of the reuse end users and the amount
of reuse provided to each, if known. N/A	8-10-1-10-09-1 <del>0-10-10-10-10-10-10-10-10-10-10-10-10-10</del>
8. If the utility does not engage in reuse, has a reuse feasibi	ility study been completed? No
If so, when?	
Has the utility been required by DEP or water management	ent district to implement reuse?
If so, what are the utility's plans to comply with	n this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? September-99
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not. b. Have these plans been approved by DEP? c. When will construction begin?	ecessary to meet the DEP rules.
<ul><li>d. Attach plans for funding the required upgra</li><li>e. Is this system under any Consent Order wi</li></ul>	
12. Department of Environmental Protection ID #	FLA010567

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

## UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: WELAKA #447

### & SARATOGA HARBOUR #448 / PUTNAM

## **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	611	0	611	535
February	0	564	0	564	403
March	0	644	7	637	475
April	0	622	. 4	619	450
May	0	716	0	716	519
June	0	567	0	567	558
July	0	540	0	540	359
August	0	531	0	531	392
September	0	581	0	581	368
October	0	598	0	598	439
November	0	547	0	547	439
December	0	577	0	577	403
Total for year	0	7,098	11	7,087	5,341

If water is purchased for re	esale, indicate the follov	wing:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribu	ition, list names of sucr	n utilities below:	
N/A				

		CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1	Welaka	76	109,440	Deep Well
Well #1	Saratoga Harbour	110	158,400	Deep Well
				1
at the second of			<del></del>	· · · · · · · · · · · · · · · · · · ·
		t .		<u> </u>

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):		* 109,440	(Reliable Max Day)
Location of mea	surement			
(l.e. WellHead, S	itorage Tank):		WellHead and/or	Distribution
Type of treatmen	nt (reverse osmosis	<b>3</b> ,		
(sedimentation,	chemical, aerated, e	etc,):	Chlorination and A	Aeration
			·	
		LIME TE	REATMENT	
Unit rating (i.e., (	GPM, pounds	LIME TF	REATMENT	
	GPM, pounds N/A	LIME TE	Manufacturer	:
Unit rating (i.e., o				
	N/A		Manufacturer	
per gallon):	N/A area:		Manufacturer	

<sup>\*</sup> Wells

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
		ļl.	**	<del> </del>
5/8"	Displacement	1.0	153	153
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	155	157

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	3,281,227	96	365	94

& SARATOGA HARBOUR #448 / PUTNAM

## CALCULATION OF THE WATER SYSTEMS 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)
(ω)	(0)	(5)	**	(0)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
T.4.	al Commercial Water System Meter Equ		1	1

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

### OTHER WATER SYSTEM INFORMATION

Fu	rrnish information below for each system. A separate	e page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		141
2.	Maximum number of ERCs * which can be served *	*	584
3.	Present system connection capacity (in ERCs *) using	ng existing lines.	146
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	154
5.	Estimated annual increase in ERCs *.	1	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None	for any enlargements or improver	nents of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	eary 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 DE	P?	
11.	Department of Environmental Protection ID #.	2541242, 2541008	
12.	Water Management District Consumptive Use Pern	nit #	N/A
	a. Is the system in compliance with the requiremen	nts of the CUP?	
	b. If not, what are the utility's plans to gain complia	ance?	
			77.00

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

## PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's)	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	34	605	0,	639	758
February	33	527	0	561	654
March	23	683	0	706	678
April	0	715	0	715	763
May	0	772	0	772	721
June	0	657	0	657	736
July	0	599	0	599	706
August	0	634	0	634	629
September	0	642	0	642	668
October	0	625	0	625	738
November	0	565	0	565	618
December	0	581	0	581	601
Total for year	90	7,603	0	7,693	8,271

If water is purchased for re	sale, indicate the following:
Vendor	Kissimmee Utility Water Authority
Point of delivery	4 inch compound meter @ 1200 Windway Circle
	ter utilities for redistribution, list names of such utilities below:
N/A	

CAPACITY	GALLONS	
OF WELL	PER DAY	TYPE OF
gpm	FROM SOURCE	SOURCE
1	80 259,200	Deep Well
į		
		:
		4
		i
	OF WELL gpm	OF WELL PER DAY gpm FROM SOURCE

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WINDSONG / OSCEOLA #783

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 259,200	(Peak Hour)
Location of measurement	•	
(I.e. WellHead, Storage Tank):	WellHead and/	or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination	
ι	IME TREATMENT	
Unit rating (i.e., GPM, pounds		
per gallon): N/A	Manufactur	er:
	FILTRATION	
Type and size of area:	FILTRATION	
	FILTRATION N/A Manufactur	er:

<sup>\*</sup> Well

<sup>\*</sup> Emergency interconnect with Kissimmee Utility Authority

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(e)
(ω)	(3)	(5)	**	(-)
5/8"	Displacement	1.0	99	99
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	99	99

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	8,271,150	97	365	234
	<b>t</b> i			

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

### OTHER WATER SYSTEM INFORMATION

Fi	rnish information below for each system. A separat	te page should be supplied where r	necessary.
1.	Present ERC's * that system can efficiently serve.		97
2.	Maximum number of ERCs * which can be served *	**	277
3.	Present system connection capacity (in ERCs *) us	ing existing lines.	109
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	109
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates	for any enlargements or improven	nents of this system.
9.	When did the company last file a capacity analysis r	report with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary 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 DE	EP?	
11.	Department of Environmental Protection ID #.	3494291	
12.	Water Management District Consumptive Use Perr	nit #	84-199W
	a. Is the system in compliance with the requirement	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complie withdrawal quantities are dynamic and may fluctua	te beyond permitted quantities dur	
	the permit. Permits are reviewed peridically to asc	certain whether modifications need	to be filed with the
	water management district.		

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

### **PUMPING AND PURCHASED WATER STATISTICS**

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC.	(Omit 000's) [ (b)+(c)-(d) ]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	<u>(f)</u>
January	0	18,779	477	18,302	16,932
February	0	17,853	254	17,600	15,032
March	0	22,736	201	22,535	16,734
April	0	25,668	155	25,513	21,190
May	0	32,988	243	32,745	25,060
June	0	28,320	396	27,924	30,241
July	0	26,572	273	26,300	26,583
August	0	24,455	241	24,214	21,122
September	0	22,157	258	21,900	21,170
October	0	22,272	279	21,994	18,235
November	0	21,225	448	20,777	20,463
December	0	18,812	369	18,443	18,612
Total for year	0	281,838	3,591	278,246	251,373

If water is purchased for r	esale, indicate the follow	ring:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ater utilities for redistribut	tion, list names of	such utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	1,000	1,440,000	Deep Well
Well # 2	2,000	2,880,000	Deep Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOODMERE / DUVAL #888

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Pla	int (GPD):	* 3,384,000	(Reliable Peak Hour)
Location of me	asurement	****	
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatme	ent (reverse osmosis,		
(sedimentation	, chemical, aerated, etc,	): Chlorination and A	Aeration
		LIME TREATMENT	
Unit rating (i.e.		LIME TREATMENT	
Unit rating (i.e., per gallon):		LIME TREATMENT  Manufacturer:	
	, GPM, pounds		
	, GPM, pounds N/A	Manufacturer:	
per gallon):	, GPM, pounds N/A of area:	Manufacturer:	

<sup>\*</sup> High Service

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,717	1,717
3/4"	Displacement	1,5	111	167
1"	Displacement	2.5	17	43
1 1/2"	Displacement or Turbine	5.0	17	85
2"	Displacement, Compound or Turbine	8.0	0	00
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	5	313
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalente	1,867	2,324

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	203,096,527	1,774	365	314
	•			

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	10	10
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	3	. 8
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalente	19	165

### OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. A separate	e page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		1,774
2.	Maximum number of ERCs * which can be served *	*	2,697
3.	Present system connection capacity (in ERCs *) using	ing existing lines.	2,067
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	2,067
5.	Estimated annual increase in ERCs *.	66	
6.	Is the utility required to have fire flow capacity?	Yes	TO THE RESIDENCE OF THE PROPERTY OF THE PROPER
	If so, how much capacity is required?	1500 gpm	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates Projects completed 2002: Upgrade high service pu	, ,	nents of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requiremen	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	ary 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 DE	:P?	
11.	Department of Environmental Protection ID #.	2161278	
12.	Water Management District Consumptive Use Perm	nit #	47
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia		It should be noted that
	withdrawal quantities are dynamic and may fluctuat		
	the permit. Permits are reviewed peridically to asce	ertain whether modifications need	to be filed with the
	water management district.		<u> </u>

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOODMERE / DUVAL #888

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,649	1,649
3/4"	Displacement	1.5	109	164
1"	Displacement	2.5	9	23
1 1/2"	Displacement or Turbine	5.0	15	75
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	5	313
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	2,223

# CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = ( Total SFR gallons treated (Omit 000) / 365 days / 275 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.

₹ Gallons Sold	Customers	Days	ERC
91,211,634	1,642	365	152
	91.211.634	91.211.634 1.642	91.211.634 1.642 365

## UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: WOODMERE / DUVAL #888

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Syst	tem Meter Equival	lents	139

**UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: WOODMERE / DUVAL #888

YEAR OF REPORT December 31, 2002

## TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

		1	i
Permitted Capacity (gpd)	500,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DAVCO		
Type (2)	Conventional Activa	ited Sludge	
Hydraulic Capacity (gpd)	500,000		
Average Daily Flow (mgd)	0.534	(Average of Max Month)	
Total Gallons of WW Treated (mg)	153.354		
Method of Effluent Disposal	St. John's River		

- (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: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOODMERE / DUVAL #888

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep-	arate page should be supplied where necessary.
Present number of ERC's * now being served.	1,642
Maximum number of ERC's * which can be served.     Note: SFR gallons sold is not representative of total ww flow at plant.	3,289 **
3. Present system connection capacity (in ERCs*) using ex	isting lines. 1,808
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 1,808
5. Estimated annual increase in ERCs* 166	
<ol> <li>Describe any plans and estimate completion dates for an Collection system rehabilitation 5/2/02; WWTP exp 12/19/03;</li> </ol>	
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. N/A	attach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasib	ility study been completed? Yes
If so, when? January, 2002	
Has the utility been required by DEP or water manageme	ent district to implement reuse? No
If so, what are the utility's plans to comply with	n this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? May-01
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade in b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the construction of the plant of the pl</li></ul>	necessary to meet the DEP rules. Pading.
12. Department of Environmental Protection ID #	FL0026786

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

## **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	87	0	87	57
February	0	57	0	57	41
March	0	67	4	63	50
April	0	72	. 4	69	44
May	0	83	0	83	54
June	0	61	0	61	61
July	0	65	0	65	46
August	0	55	0	55	39
September	0	100	0	100	44
October	0	47	0	47	57
November	0	50	0	50	35
December	0	48	0	48	44
Total for year	0	792	7	785	572

If water is purchased for I	resale, indicate the following:		
Vendor	N/A		
Point of delivery	N/A		
If water is sold to other w	ater utilities for redistribution, list nan	nes of such utilities below:	
N/A			

	CAPACITY	GALLONS	7/05 05
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Weil #2	25	36,000	Deep Well
			•
	:		
	•		

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	t (GPD):		* 36,000	(Peak Hour)
Location of meas	surement		***	
(I.e. WellHead, St	torage Tank):		WellHead and/or I	Distribution
Type of treatmen	t (reverse osmosi	<b>s</b> ,		
(sedimentation, o	chemical, aerated,	etc,):	Chlorination	
		LIMETI	REATMENT	
Unit rating (i.e., G	GPM, pounds	LIME TI		
Unit rating (i.e., G	GP <b>M, pounds</b> N/A	LIME TI	REATMENT  Manufacturer:	
per gallon):	N/A			
•	N/A		Manufacturer:	· · · · · · · · · · · · · · · · · · ·
per gallon):	N/A area:		Manufacturer:	

\* Well

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	31	31
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	31	31

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	571,700	24	365	65
	•			

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

#### OTHER WATER SYSTEM INFORMATION

Fι	ernish information below for each system. A separate	e page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		24
2.	Maximum number of ERCs * which can be served *	*	138
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	48
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	54
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None	for any enlargements or improver	ments of this system.
١.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
Э.	If the present system does not meet the requiremen	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary 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 DE	EP?	
1.	Department of Environmental Protection ID #.	2541280	
2.	Water Management District Consumptive Use Perm	nit #	N/A
	a. Is the system in compliance with the requiremen	nts of the CUP?	
	b. If not, what are the utility's plans to gain complia	ance?	

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

### **PUMPING AND PURCHASED WATER STATISTICS**

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, ···	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[ (b)+(c)-(d) ]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,210	267	943	1,121
February	0	1,128	32	1,096	888
March	344	1,058	120	1,282	1,226
April	0	925	84	841	1,137
May	0	560	52	508	499
June	0	373	32	341	459
July	0	267	39	229	451
August	0	341	32	309	333
September	0	366	32	334	426
October	0	429	47	382	582
November	0	519	32	487	728
December	0	814	32	782	701
Total for year	344	7,990	799	7,535	8,550

If water is purchased for re	sale, indicate the following:
Vendor	Pasco County Utilities
Point of delivery	8 inch Rockwell meter @ entrance to American Condominium MHP
If water is sold to other wat	er utilities for redistribution, list names of such utilities below:
	er dunities for registribution, list flames of such dulities below.
N/A	
<u> </u>	

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #2	120	172,800	Deep Well
		1	
		!	
	t I		

YEAR OF REPORT December 31, 2002

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 172,800	) (Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHea	ad and/or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc,	): Chlorina	ition
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds	LIME TREATMENT	
		ufacturer:
Unit rating (i.e., GPM, pounds		
Unit rating (i.e., GPM, pounds per gallon): N/A	Manu	
Unit rating (i.e., GPM, pounds per gallon): N/A  Type and size of area:  Pressure (in square feet):	Manu	

<sup>\*</sup> Well

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	593	593
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	11	5
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equ	ivalents	595	601

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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 )

Calculations: (a)		Average		
	SFR Gailons Sold	Customers	Days	ERC
	7,401,921	473	365	43
	ŧ			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	7	27

### OTHER WATER SYSTEM INFORMATION

	· ·	473
. Maximum number of ERCs * which can be served	d **	1,008
3. Present system connection capacity (in ERCs *) ι	using existing lines.	474
I. Future connection capacity (in ERCs *) upon serv	rice area buildout.	474
. Estimated annual increase in ERCs *.	0	
.  i. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	500 gpm	
. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date None	es for any enlargements or imp	rovements of this system.
. When did the company last file a capacity analysis	s report with the DEP?	N/A
D. If the present system does not meet the requirem	nents of the DEP rules:	N/A
a. Attach a description of the plant upgrade nece	essary 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 upgradin	ng.	
	DEP?	
e. Is this system under any Consent Order with I	OLI :	
Is this system under any Consent Order with I     Department of Environmental Protection ID #.	3512018	
,	3512018	2011082.00
Department of Environmental Protection ID #.	3512018 ermit #	2011082.00 Yes,
Department of Environmental Protection ID #.     Water Management District Consumptive Use Pe	3512018 ermit # nents of the CUP? pliance?	Yes,

<sup>\*</sup> An ERC is determined based on the calculation on W-13

<sup>\*\*</sup> Based on Max day capacity divided by 2 for small systems and 1.5 for large systems or Peak hour capacity divided by 4 for small systems or 3 for large systems. This calculation is not necessarily representative of the maximum ERCs that can be served due to changing peak demands; fire flow requirements; and reliable capacity considerations.

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	591	591
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	. 5
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	599

## CALCULATION OF THE WASTEWATER SYSTEMS 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 results by 365 days.
- (b) If no historical flow data are available, use:

ERC = (Total SFR gallons treated (Omit 000) / 365 days / 275 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.

Calculations:		Average		
	SFR Gallons Sold	Customers	Days	ERC
	7,209,791	470	365	42

## UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3	
3/4"	Displacement	1.5	0	С
1"	Displacement	2.5	0	C
1 1/2"	Displacement or Turbine	5.0	1	. 5
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	24

**UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT December 31, 2002

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)			
Basis of Permit Capacity (1)	Interconnected		
Manufacturer	Interconnected		
Type (2)	Interconnected		
Hydraulic Capacity (gpd)	Plant Taken off line in 2000 flow diverted to Pasco County.		
Average Daily Flow (mgd) *	Interconnected		
Total Gallons of WW Treated (mg) *	Interconnected		
Method of Effluent Disposal	Interconnected		

- (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: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT December 31, 2002

## OTHER WASTEWATER SYSTEM INFORMATION

Maximum number of ERC's * which can be served.  **Note: SFR gallons sold is not representative of total wit flow at plant.  Present system connection capacity (in ERCs*) using existing lines.  470  Future connection capacity (in ERCs*) upon service area buildout.  470  Estimated annual increase in ERCs*  0  Describe any plans and estimate completion dates for any enlargements or improvements of this system. Control valve to be installed at interconnect with Pasco County in 2003.  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  If the utility does not engage in reuse, has a reuse feasibility study been completed?  No  If so, when?  Has the utility been required by DEP or water management district to implement reuse?  No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP?  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?	Furnish information below for each system. A sepa	ırate page sho	ould be supplied where necessary.
** Note: SFR gallons sold is not representative of total ww flow at plant.  Present system connection capacity (in ERCs*) using existing lines.  470  Future connection capacity (in ERCs*) upon service area buildout.***  470  Estimated annual increase in ERCs*  0  Describe any plans and estimate completion dates for any enlargements or improvements of this system. Control valve to be installed at interconnect with Pasco County in 2003.  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  If the utility does not engage in reuse, has a reuse feasibility study been completed?  No  If so, when?  Has the utility been required by DEP or water management district to implement reuse?  No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP?  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?	Present number of ERC's * now being served.	···	470 Interconnected
Present system connection capacity (in ERCs*) using existing lines. 470  Future connection capacity (in ERCs*) upon service area buildout.*** 470  Estimated annual increase in ERCs* 0  Describe any plans and estimate completion dates for any enlargements or improvements of this system. Control valve to be installed at interconnect with Pasco County in 2003.  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  If the utility does not engage in reuse, has a reuse feasibility study been completed? No  If so, when?  Has the utility been required by DEP or water management district to implement reuse? No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP?  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?	2. Maximum number of ERC's * which can be served.	N/A	**
Estimated annual increase in ERCs* 0  Describe any plans and estimate completion dates for any enlargements or improvements of this system. Control valve to be installed at interconnect with Pasco County in 2003.  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  If the utility does not engage in reuse, has a reuse feasibility study been completed? No  If so, when?  Has the utility been required by DEP or water management district to implement reuse? No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP?  N/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?	** Note: SFR gallons sold is not representative of total ww flow at plant.		
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Control valve to be installed at interconnect with Pasco County in 2003.  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  If the utility does not engage in reuse, has a reuse feasibility study been completed?  No  If so, when?  Has the utility been required by DEP or water management district to implement reuse?  No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP?  N/A  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?	5. Estimated annual increase in ERCs* 0		
of reuse provided to each, if known. N/A  If the utility does not engage in reuse, has a reuse feasibility study been completed? No  If so, when?  Has the utility been required by DEP or water management district to implement reuse? No  If so, what are the utility's plans to comply with this requirement?  When did the company last file a capacity analysis report with the DEP? N/A  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?			
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If so, what are the utility's plans to comply with this requirement?  . When did the company last file a capacity analysis report with the DEP?  . M/A  . If the present system does not meet the requirements of DEP rules:  . Attach a description of the plant upgrade necessary to meet the DEP rules.  . Have these plans been approved by DEP?  . When will construction begin?  d. Attach plans for funding the required upgrading.  e. Is this system under any Consent Order with DEP?	If so, when?		
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<ul> <li>a. Attach a description of the plant upgrade necessary to meet the DEP rules.</li> <li>b. Have these plans been approved by DEP?</li> <li>c. When will construction begin?</li> <li>d. Attach plans for funding the required upgrading.</li> <li>e. Is this system under any Consent Order with DEP?</li> </ul>	When did the company last file a capacity analysis report	with the DEP?	 N/A
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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?			
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e. Is this system under any Consent Order with DEP?		ling.	
	e. Is this system under any Consent Order with	1 DEP?	
	12. Department of Environmental Protection ID#	nterconnected	

S-13 21427 SYSTEM 1

<sup>\*</sup> An ERC is determined based on the calculation on S-11

<sup>\*\*\*</sup> Based on meter equivalency factors for ERCs