# **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	6,264	91	6,173	5,779
February	0	5,523	474	5,049	5,737
March	0	7,020	568	6,452	4,974
April	0	7,948	128	7,820	6,500
May	0	8,626	119	8,507	7,791
June	0	7,752	107	7,645	7,918
July August September October November December					System Sold
Total for year	0	43,133	1,487	41,646	38,700

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	ter utilities for redistribution, list na	mes of such utilities below	r.

	CAPACITY OF WELL	GALLONS	
List for each source of supply:		PER DAY	TYPE OF
	gpm	FROM SOURCE	SOURCE
Well #1	1,080	1,555,200	Deep Well
Well # 2	300	432,000	Deep Well
	·		

## 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		
(I.e. WellHead, Storage Tank):	WellHead and/or	Distribution
Type of treatment (reverse osmosis	,	
(sedimentation, chemical, aerated, e	etc,): Chlorination and	Aeration
Unit rating (i.e. CPM, pounds	LIME TREATMENT	
Unit rating (i.e., GPM, pounds per gallon):N/A	LIME TREATMENT  Manufacture	r:
per gallon): N/A		r:
Unit rating (i.e., GPM, pounds per gallon): N/A  Type and size of area:	Manufacture	r:
per gallon): N/A	Manufacture	

<sup>\*</sup> High Service

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

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	604	604
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	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	valents	612	630

## 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
	28,879,601	565	181	282

# **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	40	40
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	14	35
1 1/2"	Displacement or Turbine	5.0	12	60
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	ř 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	l Commercial Water System Meter Equ	ivalents	70	167

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepar	rate page should be supplied whe	re necessary.			
1. Present ERC's * that system can efficiently serve	Э.	565			
2. Maximum number of ⊞Cs * which can be serve	Maximum number of ERCs * which can be served **				
3. Present system connection capacity (in IRCs *) u	586				
4. Future connection capacity (in 田Cs *) upon serv	Future connection capacity (in 田Cs *) upon service area buildout.				
5. Estimated annual increase in ⊞Cs *.	annual increase in ERCs *. System Sold				
6. 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.	See W-14 Exhibit Q-7				
<ol> <li>Describe any plans and estimated completion da System under new ownership, sold 06/30/2004</li> </ol>	ates for any enlargements or impr	ovements of this system.			
When did the company last file a capacity analys	N/A				
If the present system does not meet the requirer	ments of the DP rules:	N/A			
a. Attach a description of the plant upgrade nece	essary to meet the DIP rules.				
b. Have these plans been approved by D⊞?					
c. When will construction begin?					
d. Attach plans for funding the required upgrading	ng.				
e. Is this system under any Consent Order with D	DEP?				
Department of Environmental Protection ID #.	3590823				
2. Water Management District Consumptive Use Re	rmit #	8359			
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 withdrawal quantities are dynamic and may flucture the permit. Permits are reviewed peridically to as water management district.	uate beyond permitted quantities				

<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.

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

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 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 Sold	Customers	Days	ERC
	841,050	25	181	186

S-11a 20330 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT June 30, 2004

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	3	8	
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				

S-11b 20330 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT June 30, 2004

## 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	

<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: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT June 30, 2004

## OTHER WASTEWATER SYSTEM INFORMATION

	Furnish information below for each system. A sep	parate page shou	ıld be supplied v	vhere necessary.
1.	Present number of ERC's * now being served.		25 Interconn	ect
	Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	N/A	**	
	Present system connection capacity (in ERCs*) using e	xisting lines.	35	ANA
4.	Future connection capacity (in ERCs*) upon service are	ea buildout.***	35	
5.	Estimated annual increase in ERCs* System	Sold		
	Describe any plans and estimate completion dates for a System under new ownership, sold 06/30/2004	iny enlargements o	r improvements o	f this system.
7.	If the utility uses reuse as a means of effluent disposal, of reuse provided to each, if known. N/A	attach a list of the	reuse end users a	and the amount
8.	If the utility does not engage in reuse, has a reuse feasi	bility study been co	mpleted?	No
	If so, when?			
9.	Has the utility been required by DEP or water managem	ent district to imple	ment reuse?	No
	If so, what are the utility's plans to comply wi	th this requireme	nt?	
10.	When did the company last file a capacity analysis rep	ort with the DEP?	N/A	
11.	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?  d. Attach plans for funding the required upgr	necessary to mee	N/A et the DEP rules	
	e. Is this system under any Consent Order w	•		
12.	Department of Environmental Protection ID #	Interconnected		

S-13 20330 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 WELL3** (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	248	1	247	288
February	0	200	1	199	204
March	0	285	1	283	185
April	0	299	1	298	259
May	0	336	1	335	257
June	0	289	2	287	339
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	1,658	8	1,649	1,532

If water is purchased for	manala indianta tha fallanda			
in water is purchased for	resale, indicate the followin	ıg:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other w	ater utilities for redistributio	on, list names of such utilitie:	s below:	

	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

# 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
LIME	TREATMENT
Unit rating (i.e., CPM, pounds	
= · · · · ·	Manufacturer:
per gallon): N/A	Manufacturer:
per gallon): N/A	
,	ILTRATION

\* Well

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	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
Tota	al Residential Water System Meter Equi	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
	1,532,120	34	181	249

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	ıl Commercial Water System Meter Equ	0	0	

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepar	rate page should be supplied wher	e necessary.			
1. Present ERC's * that system can efficiently serve	е.	34			
2. Maximum number of ERCs * which can be serve	Maximum number of ERCs * which can be served **				
3. Present system connection capacity (in ERCs *)	Present system connection capacity (in ERCs *) using existing lines.				
4. Future connection capacity (in ERCs *) upon sen	Future connection capacity (in ERCs *) upon service area buildout.				
5. Estimated annual increase in ⊞Cs *.	System Sold				
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 da System under new ownership, sold 06/30/2004	ates for any enlargements or impro	ovements of this system.			
9. When did the company last file a capacity analys  10. If the procent system does not meet the require	•	N/A			
10. If the present system does not meet the requirer		N/A			
<ul><li>a. Attach a description of the plant upgrade nec</li><li>b. Have these plans been approved by DEP?</li></ul>	essary to meet the DIP rules.				
c. When will construction begin?					
d. Attach plans for funding the required upgradir	ng.				
e. Is this system under any Consent Oder with [	DEP?				
11. Department of Environmental Protection ID #.	3350852				
12. Water Management District Consumptive Use Re	rmit #	2610			
a. Is the system in compliance with the requirem	nents 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- the permit. Permits are reviewed peridically to as water management district.</li> </ul>	uate beyond permitted quantities o				

<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.

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 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 Sold	Customers	Days	ERC
	862,290	33	181	144

S-11a 20562 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT June 30, 2004

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	O
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	O
10"	Compound	115.0	0	O
10"	Turbine	145.0	0	0
12"	Turbine	215.0 ,	0	0
٦	Fotal Commercial Wastewater Sys	tem Meter Equiva	lents	0

S-11b 20562 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT June 30, 2004

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	ato chicot for cach wa	Stewater treatment lacint	Y
Permitted Capacity (gpd)	20,000		
	20,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Defiance		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	20,000		
Average Daily Flow (mgd)	0.007	(Average of Max Month)	
Total Gallons of WW Treated (mg)	1.096		
Method of Effluent Disposal	Percolation Pond		

- (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: MORNINGVIEW / LAKE #562

YEAR OF REPORT June 30, 2004

## 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.	139 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using ex	isting lines. 33
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 39
5. Estimated annual increase in ERCs* System	Sold
Describe any plans and estimate completion dates for an System under new ownership, sold 06/30/2004	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  8. If the utility does not engage in reuse, has a reuse feasible.	,
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? March-01
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not be the second by DEP?  c. When will construction begin?  d. Attach plans for funding the required upgrade. Is this system under any Consent Order was	necessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA010610

S-13 20562 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.	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)]	WATER SOLD TO CUSTOMERS (Omit 000's)
January	923	(6)	<b>(d)</b>	<b>(e)</b> 923	<b>(f)</b>
February	694	0	20	674	955
March	943	0	0	943	872
April	1,026	0	0	1,026	1,015
May	1,046	0	0	1,046	936
June	882	0	0	882	1,026
July					System Sold
August					
September					
October					
November					
December					
Total for year	5,516	0	20	5,495	5,813
L				?	

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 N/A	ater utilities for redistribution, list names of such utilities below:

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Brevard County Utilities			

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		Interconnected with Brevard County Utilities	
Location of measurement			
(I.e. WellHead, Storage Tank):		N/A	
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, et	tc,):	N/A	
	LIMETRE	A T14F11T	
	LIME INC	AIMENI	
Unit rating (i.e., GPM, pounds	LIME THE	AIMENI	
	LIME I NE	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A	FILTRA	Manufacturer:	
per gallon): N/A		Manufacturer:	
		Manufacturer:	:

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	251	251
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	† O	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	252	254

## 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
	5,767,520	209	181	152

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 <b>"</b>	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	l Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

Fι	urnish information below for each system. Asepara	ate page should be supplied whe	re necessary.
1.	Present ERC's * that system can efficiently serve.		209
2.	Maximum number of ⊞Cs * which can be served	**	N/A
3.	Present system connection capacity (in ERCs *) us	sing existing lines.	227
4.	Future connection capacity (in ⊞Cs *) upon servi	ice area buildout.	227
5.	Estimated annual increase in ERCs *.	System Sold	
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 dat System under new ownership, sold 06/30/2004	es for any enlargements or impr	ovements of this system.
		,	
9.	When did the company last file a capacity analysis	s report with the DP?	N/A
10.	If the present system does not meet the requirem	nents of the DP rules:	N/A
	a. Attach a description of the plant upgrade nece	essary to meet the DIP rules.	
	b. Have these plans been approved by D₽?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	g.	
	e. Is this system under any Consent Oder with D	₽?	
11.	Department of Environmental Protection ID #.	3054100	
12.	Water Management District Consumptive Use Per	mit #	N/A
	a. Is the system in compliance with the requirement	ents of the CUP	
	b. If not, what are the utility's plans to gain compl	liance?	

 $<sup>\</sup>ensuremath{^{\star}}$  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)	<b>(f)</b>
January	0	1,523	27	1,496	1,423
February	0	1,401	27	1,373	1,342
March	0	1,858	27	1,830	1,258
April	0	2,387	138	2,249	1,586
May	0	2,439	28	2,411	2,289
June	0	2,003	194	1,809	2,259
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	11,610	442	11,168	10,156
				ŧ	

•	esale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
f water is sold to other wa	ater utilities for redistribution, list names of such utilities	s below:
<b>V</b> /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

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

YEAR OF REPORT June 30, 2004

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 325,440	(Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead and/or	Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc	,): Chlorination	
Unit rating (i.e., GPM, pounds	LIME TREATMENT	
Unit rating (i.e., GPM, pounds per gallon): N/A	LIME TREATMENT  Manufacture	r:
Unit rating (i.e., GPM, pounds		r:
Unit rating (i.e., GPM, pounds	Manufacture	r:
Unit rating (i.e., GPM, pounds per gallon): N/A	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	245	245
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	ŧ O	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	245	245

#### 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
	10,156,320	230	181	244

## **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	<sup>‡</sup> 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	ıl Commercial Water System Meter Equ	0	0	

# OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepara	ate page should be supplied who	ere necessary.
1. Present ERC's * that system can efficiently serve.		230
2. Maximum number of 田Cs * which can be served	<b>j</b> **	333
	000	
3. Present system connection capacity (in ERCs *) u	513	
4. Future connection capacity (in ERCs *) upon servi	ice area buildout.	513
5. Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impi	rovements of this system.
<ul> <li>9. When did the company last file a capacity analysis</li> <li>10. If the present system does not meet the requirem</li> <li>a. Attach a description of the plant upgrade neces</li> <li>b. Have these plans been approved by DEP?</li> </ul>	ents of the DP rules:	N/A N/A
c. When will construction begin?		
d. Attach plans for funding the required upgrading	<b>j</b> .	
e. Is this system under any Consent Oder with DE	₽?	
. Department of Environmental Protection ID #.	6531734	
2. Water Management District Consumptive Use Pern	nit #	207653.02
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 complia withdrawal quantities are dynamic and may fluctua	ance?	It should be noted that
the permit. Permits are reviewed peridically to asc	ertain 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.

## **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)]	WATER SOLD TO CUSTOMERS (Omit 000's)
January	0	432	(d) 4	(e) 428	<b>(f)</b> 456
February	0	407	4	404	441
March	0	468	0	468	361
April	0	494	0	494	382
May	0	465	0	465	550
June	0	388	0	388	400
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	2,654	8	2,646	2,590
			10.0	?	

If water is purchased for I	esale, indicate the followi	ng:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other want	ater utilities for redistributi	on, list names of s	uch utilities below:	

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

## 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/	or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, et	chlorination ar	nd Aeration
	LIME TREATMENT	
Unit rating (i.e., CPM, pounds	LIME TREATMENT	
	LIME TREATMENT  Manufactu	rer:
		rer:
per gallon): N/A	Manufactu	rer:
	Manufactu	

<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	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	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	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	
	2,607,720	107	181	135

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	<sup>†</sup> 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	Ω
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	0	o

#### OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. Aseparat	te page should be supplied where	necessary.			
1.	Present ERC's * that system can efficiently serve.	107				
2.	Maximum number of ⊞Cs * which can be served	**	160			
3.	Present system connection capacity (in ERCs *) us	137				
4.	Future connection capacity (in IRCs *) upon service	ce area buildout.	137			
5.	Estimated annual increase in ERCs *.	System Sold				
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 date System under new ownership, sold 06/30/2004	es for any enlargements or improv	vements of this system.			
		T				
9.	When did the company last file a capacity analysis	report with the DP?	N/A			
10.	If the present system does not meet the requirements of the DP rules:		N/A			
	a. Attach a description of the plant upgrade necessary to meet the D₽ 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 Oder with DE	<b>:</b> 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 requireme	ents of the CUP	Yes,			
	b. If not, what are the utility's plans to gain compliance?  It should be noted 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.					

 $<sup>\</sup>ensuremath{^{\star}}$  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 PORT / PUTNAM #440

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	108	108
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
,	108			

# 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.

ns Sold	Customers	Days	ERC	
450	106	181	116	

S-11a 20440 SYSTEM 1

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

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
•	0			

S-11b 20440 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT June 30, 2004

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

The state of the s				
Permitted Capacity (gpd)	30,000			
	30,000			
Basis of Permit Capacity (1)	AADF			
Manufacturer	DEFIANCE		-	
Type (2)	Extended Aeration			
Hydraulic Capacity (gpd)	30,000			
Average Daily Flow (mgd)	0.018	(Average of Max Month)		
Total Gallons of WW Treated (mg)	2.634			
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: PALM PORT / PUTNAM #440

YEAR OF REPORT June 30, 2004

#### OTHER WASTEWATER SYSTEM INFORMATION

	Furnish information below for each system. A separ	ate page sho	uld be sup	plied where	necessary.
1.	Present number of ERC's * now being served.		106		
	Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	260	**		
	Present system connection capacity (in ERCs*) using exist	ting lines.	134		
4.	Future connection capacity (in ERCs*) upon service area b	uildout.***	135		
5.	Estimated annual increase in ERCs* System So	old			
	Describe any plans and estimate completion dates for any System under new ownership, sold 06/30/2004	enlargements	or improvem	nents of this s	system.
7.	If the utility uses reuse as a means of effluent disposal, atte of reuse provided to each, if known. N/A	ach a list of the	e reuse end	users and the	e amount
8.	If the utility does not engage in reuse, has a reuse feasibilit	y study been o	completed?	No	
	If so, when?				
9.	Has the utility been required by DEP or water management	district to imp	lement reuse	e? <u> </u>	No
	If so, what are the utility's plans to comply with t	his requirem	ent?		
10.	When did the company last file a capacity analysis report	with the DEP?	,	August-03	
11.	a. Attach a description of the plant upgrade ned b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrade e. Is this system under any Consent Order with	cessary to me	N/A eet the DEF	P rules.	
12.	Department of Environmental Protection ID#	LA011742			

<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	4,955	1,450	454	5,950	5,088
February	4,309	1,432	965	4,775	5,353
March	4,396	1,967	308	6,055	5,068
April	4,261	2,041	39	6,263	5,446
May	4,370	2,033	38	6,365	6,418
June	4,104	1,956	0	6,060	6,120
July August September					System Sold
October November December					
Total for year	26,395	10,878	1,805	35,469	33,494

If 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 wa	ter utilities for redistribution, list names of such utilities below:

	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

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 230,400 (Peak Hour)
Location of measurement	
(l.e. WellHead, Storage Tank):	WellHead and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc,)	: Chlorination
и	IME TREATMENT
	IME TREATMENT
Unit rating (i.e., CPM, pounds	IME TREATMENT  Manufacturer:
Unit rating (i.e., CPM, pounds	
Unit rating (i.e., CPM, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e., CPM, pounds per gallon): N/A  Type and size of area:	Manufacturer:

<sup>\*</sup> Well

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

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	10	**	
3/4"	Displacement	1.0	1,197	1,197
1"	Displacement	1.5	0	0
1 1/2"	Displacement or Turbine	2.5 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		
4"	Displacement or Compound	25.0	0	18
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		0	0
12"	Turbine	145.0	0	0
14	i urbine	215.0	0	0
Tota	nl Residential Water System Meter Equi	valents	1,198	1,215

## 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
	32,056,310	1,179	181	150

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	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	l Commercial Water System Meter Equi	valents	4	11

#### OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepara	ate page should be supplied whe	ere necessary.	
1. Present ERC's * that system can efficiently serve	).	1,179	
2. Maximum number of ERCs * which can be served	N/A - Interconnected		
3. Present system connection capacity (in ⊞Cs *) u	Present system connection capacity (in ERCs *) using existing lines.		
4. Future connection capacity (in ⊞Cs *) upon serv	Future connection capacity (in ERCs *) upon service area buildout.		
5. Estimated annual increase in ⊞Cs *.	System Sold		
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 System under new ownership, sold 06/30/2004	tes for any enlargements or impr	ovements of this system.	
When did the company last file a capacity analysi		N/A	
<ol><li>If the present system does not meet the requirer</li></ol>	nents of the DP rules:	N/A	
a. Attach a description of the plant upgrade nece	essary to meet the DIP rules.		
b. Have these plans been approved by D⊞?			
c. When will construction begin?	-		
d. Attach plans for funding the required upgrading	g.		
e. Is this system under any Consent Oder with D	₽?		
Department of Environmental Protection ID #.	6511331		
2. Water Management District Consumptive Use Per	mit #	20003759,003	
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 complimithdrawal quantities are dynamic and may fluctuate the permit. Permits are reviewed peridically to asc	ate beyond permitted quantities	It should be noted that during the duration of ed to be filed with the	
water management district.			

<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.

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	O
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.

Calculations:		Average		
	SFR Gallons Sold	Customers	Days	ERC
	21,813,585	1,024	181	118

S-11a 21429 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT June 30, 2004

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	(
8"	Turbine	90.0	0	(
10"	Compound	115.0	0	(
10"	Turbine	145.0	0	(
12"	Turbine	215.0	0	(
7	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	C

S-11b 21429 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT June 30, 2004

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	130,000	<i>,</i>	
Basis of Permit Capacity (1)	AADF		
Manufacturer	MARLOF		
Type (2)	Type II Extended Aeration		
Hydraulic Capacity (gpd)	130,000		
Average Daily Flow (mgd)	0.129	(Average of Max Month)	
Total Gallons of WW Treated (mg)	22.167		
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 June 30, 2004

### OTHER WASTEWATER SYSTEM INFORMATION

F	furnish information below for each system. A sepa	rate page sho	uld be suppli	ed where necessary.
1.	Present number of ERC's * now being served.	,	1,024	
	Maximum number of ERC's * which can be served.  Note: SFR gallons sold is not representative of total ww flow at plant.	1,111	**	
	Present system connection capacity (in ERCs*) using exi	sting lines.	1,024	
4. 1	Future connection capacity (in ERCs*) upon service area	buildout.***	1,024	
5. 1	Estimated annual increase in ERCs* System S	Sold		
	Describe any plans and estimate completion dates for an System under new ownership, sold 06/30/2004	y enlargements	or improvemer	nts of this system.
	f 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	e reuse end us	ers and the amount
8. 1	f the utility does not engage in reuse, has a reuse feasibi	lity study been	completed?	No
	If so, when?			
9. I	las the utility been required by DEP or water manageme	nt district to imp	lement reuse?	No
	If so, what are the utility's plans to comply with	this requirem	ent?	
_				
10.	When did the company last file a capacity analysis report	t with the DEP?	r F	ebruary-98
11.	If the present system does not meet the requirements of a. Attach a description of the plant upgrade no b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrade. Is this system under any Consent Order with	ecessary to mo		rules.
12.	Department of Environmental Protection ID #	FLA012773		

<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	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	348	145	203	125
February	0	324	127	196	128
March	0	330	82	248	143
April	0	265	80	185	159
May	0	200	76	124	115
June	0	238	86	152	78
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	1,705	596	1,108	749
<u> </u>				,	

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

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	130	187,200	Deep Well
		To an analysis of the second s	

## 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 and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc,):	Chlorination and Iron Removal
1 154	
LIM	E TREATMENT
<del></del>	E 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	Manufacturer:  FILTRATION

<sup>\*</sup> Well

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	63	63
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	valents	63	63

#### 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
	749,010	60	181	69

## **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	ıl Commercial Water System Meter Equ	ivalents	0	0

#### **OTHER WATER SYSTEM INFORMATION**

Furn	ish information below for each system. Asepara	te page should be supplied where	necessary.
1. P	resent ERC's * that system can efficiently serve.		60
2. N	laximum number of ⊞Cs * which can be served	**	679
3. P	resent system connection capacity (in ERCs *) us	sing existing lines.	84
4. F	uture connection capacity (in ERCs *) upon servi	ce area buildout.	84
5. E	stimated annual increase in ERCs *.	System Sold	
6. Is	the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
7. A	ttach a description of the fire fighting facilities.	N/A	
1	escribe any plans and estimated completion date System under new ownership, sold 06/30/2004	es for any enlargements or improv	vements of this system.
	hen did the company last file a capacity analysis	·	N/A
10. l	f the present system does not meet the requirem	ents of the DP rules:	N/A
а	n. Attach a description of the plant upgrade nece	ssary to meet the DIP rules.	
b	Have these plans been approved by DEP?		
C	:. When will construction begin?		,
d	I. Attach plans for funding the required upgrading	g.	
е	e. Is this system under any Consent <b>O</b> der with D	<b>EP?</b>	
11. C	Department of Environmental Protection ID #.	3350981	
12. V	Vater Management District Consumptive Use Per	mit #	2612
а	. Is the system in compliance with the requireme	ents of the CUP	Yes,
W	b. If not, what are the utility's plans to gain compl vithdrawal quantities are dynamic and may fluctu	ate beyond permitted quantities d	
_	he permit. Permits are reviewed peridically to aso vater management district.	certain whether modifications nee	d 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.

UTILITY NAME: FLORIDA WATER SERVICES
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	27
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 Equiva	lents	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
	626,620	27	181	128

S-11a 20444 SYSTEM 1

UTILITY NAME: FLORIDA WATER SERVICES
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	0
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 Sys	tem Meter Equiva	lents	8

S-11b 20444 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

YEAR OF REPORT June 30, 2004

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

[		I I I I I I I I I I I I I I I I I I I	<del></del>
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)	0.002	(Average of Max Month)	
Total Gallons of WW Treated (mg)	0.361		
Method of Effluent Disposal	Percolation Pond		

- (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: PARK MANOR / PUTNAM #444

YEAR OF REPORT June 30, 2004

#### OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate 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.	118 **
3. Present system connection capacity (in ERCs*) using existing the system connection capacity (in ERCs and existing ex	ing lines. 29
4. Future connection capacity (in ERCs*) upon service area but	uildout.*** 29
5. Estimated annual increase in ERCs* System So	ld
6. Describe any plans and estimate completion dates for any e System under new ownership, sold 06/30/2004	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	
If the utility does not engage in reuse, has a reuse feasibility  If so, when?	y study been completed? No
9. 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 the	nis requirement?
10. When did the company last file a capacity analysis report v	with the DEP? October-02
<ul> <li>10. When did the company last file a capacity analysis report v.</li> <li>11. If the present system does not meet the requirements of D. <ul> <li>a. Attach a description of the plant upgrade neces.</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</li> </ul> </li> </ul>	EP rules: N/A essary to meet the DEP rules.

S-13

<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	1,029	0	1,029	
February	0	847	0	847	851
March	0	1,159	0	1,159	691
April	0	1,255	0	1,255	1,166
May	0	1,364	0	1,364	1,066
June	0	1,114	0	1,114	1,223
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	6,768	o	6,768	5,903

If water is purchased for	resale, indicate the followir	na:	
Vendor	N/A	.0.	
Point of delivery	N/A		
If water is sold to other w	ater utilities for redistribution	on, list names of such utilities below:	
IN/A			

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

#### 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, etc,):	Chlorination
LIM	IE TREATMENT
LIM Unit rating (i.e., ŒM, pounds	IE TREATMENT
Unit rating (i.e., CPM, pounds	IE TREATMENT  Manufacturer:
Unit rating (i.e.,	· · · <del>-</del> · · · · · · · · · · · · · · · · · · ·
Jnit rating (i.e., CPM, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e.,	Manufacturer:  FILTRATION

<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	154	154
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	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
	5,902,752	139	181	235
	,			
i				

METER SIZE (a)	SIZE METER*		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	iivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. Aseparat	te page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		139
2.	Maximum number of ERCs * which can be served	**	153
3.	Present system connection capacity (in ⊞Cs *) us	sing existing lines.	184
4.	Future connection capacity (in IRCs *) upon service	ce area buildout.	204
5.	Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or improv	vements of this system.
	When did the company last file a capacity analysis  If the present system does not meet the requirement	·	N/A N/A
	<ul><li>a. Attach a description of the plant upgrade neces</li><li>b. Have these plans been approved by DEP?</li></ul>	ssary to meet the DIP rules.	
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	j.	
	e. Is this system under any Consent Oder with DE	∌?	
11.	Department of Environmental Protection ID #.	3351009	
12.	Water Management District Consumptive Use Pern	nit #	2609
	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 complia withdrawal quantities are dynamic and may fluctua the permit. Permits are reviewed peridically to asc water management district.	ate beyond permitted quantities d	

<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	1,314	40	1,273	1,221
February	0	1,098	38	1,060	1,164
March	0	1,693	33	1,660	987
April	0	1,907	55	1,852	1,431
May	0	2,055	57	1,998	1,758
June	0	1,605	58	1,547	1,856
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	9,672	282	9,390	8,417
				P	

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					W. F.	
If water is purchased for r	esale, indicate the follo	owing:				
Vendor	N/A					
Point of delivery	N/A					
If water is sold to other wa	ater utilities for redistrib	oution, list names	s of such utilitie	es below:		
					•	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	300	432,000	Deep Well
Well # 2	140	201,600	Deep Well

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 201,600	(Reliable Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead and/or Dis	tribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc,):	Chlorination	
LIME	TREATMENT	
Unit rating (i.e., CPM, pounds	TREATMENT  Manufacturer:	
Unit rating (i.e., ŒM, pounds per gallon): N/A		
Unit rating (i.e., ŒM, pounds per gallon): N/A	Manufacturer:	
Unit rating (i.e., ŒM, pounds per gallon): N/A	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	182	182
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	l Residential Water System Meter Equiv	valents	182	182

# 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
	8,379,358	170	181	272

# 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
Total	Commercial Water System Meter Equiv	valents	2	2

## OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepara	ate page should be supplied whe	re necessary.		
1. Present ERC's * that system can efficiently serve	•	170		
2. Maximum number of ERCs * which can be served	Maximum number of ⊞Cs * which can be served **			
3. Present system connection capacity (in ERCs *) u	ent system connection capacity (in ERCs *) using existing lines.			
4. Future connection capacity (in ERCs *) upon servi	on capacity (in ERCs *) upon service area buildout.			
5. Estimated annual increase in ERCs *.	System Sold			
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.		
9. When did the company last file a capacity analysis	s report with the DP?	N/A		
0. If the present system does not meet the requirement	ents of the DP rules:	N/A		
a. Attach a description of the plant upgrade neces	ssary to meet the DIP rules.			
b. Have these plans been approved by D⊞?				
c. When will construction begin?				
d. Attach plans for funding the required upgrading				
e. Is this system under any Consent Oder with DE	₽?			
. Department of Environmental Protection ID #.	3351021			
. Water Management District Consumptive Use Perm	nit #	2604		
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 withdrawal quantities are dynamic and may fluctual the permit. Permits are reviewed peridically to asce	te beyond permitted quantities d	It should be noted that uring the duration of d 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 (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	1,230	4	1,227	829
February	0	869	34	835	830
March	0	1,108	4	1,105	862
April	0	1,042	0	1,042	905
May	0	1,181	0	1,181	901
June	0	1,112	0	1,112	1,110
July				,	System Sold
August					
September					
October					
November					
December					
Total for year	0	6,543	41	6,503	5,436

If water is purchased for	resale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
f water is sold to other wa	ater utilities for redistribution, list names of such utilities belo	<b>w:</b>

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	60	86,400	<del>                                     </del>
Well # 2	35		

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 50,400 (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., ŒM, pounds	
	Manufacturer:
	Manufacturer:
per gallon): N/A	
per gallon): N/A	FILTRATION

<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	188	188
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	l Residential Water System Meter Equi	valents	189	191

## 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
	4,563,100	154	181	164

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	7	7
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	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	ŧ O	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	ıl Commercial Water System Meter Equ	ivalents	9	18

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. Aseparat	e page should be supplied when	re necessary.
1.	Present ERC's * that system can efficiently serve.	and the state of t	154
2.	Maximum number of ERCs * which can be served	**	77
3.	Present system connection capacity (in ERCs *) us	ing existing lines.	303
4.	Future connection capacity (in ⊞Cs *) upon service	e area buildout.	433
5.	Estimated annual increase in ⊞Cs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.
9,	When did the company last file a capacity analysis	report with the DIP?	N/A
10.	If the present system does not meet the requirement	ents of the DP rules:	N/A
	a. Attach a description of the plant upgrade neces	ssary to meet the DIP 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	<b>₽</b> ?	
11.	Department of Environmental Protection ID #.	2540905	
12.	Water Management District Consumptive Use Pern	nit #	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?	

<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	399	0	399	384
February	0	376	0	376	322
March	0	411	0	411	311
April	0	484	0	484	406
May	0	439	0	439	395
June	0	435	0	435	439
July					System Sold
August					:
September					
October					
November					
December					
Total for year	0	2,544	o	2,544	2,257

If water is purchased for re	esale, indicate the follow	wing:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wa	ter utilities for redistribu	ution, list names of	such utilities belo	ow:	
N/A					

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	650	936,000	Deep Well

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 936,000 (Peak Hour)
Location of measurement	
(I.e. WellHead, Storage Tank):	WellHead and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc.):	Chlorination
	TD=1 Tian
	TREATMENT
	TREATMENT  Manufacturer:
Unit rating (i.e., GPM, pounds per gallon): N/A	
Unit rating (i.e., CPM, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:

<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	73	73
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	<sup>‡</sup> 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	73	73

#### 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
	2,256,740	68	181	183

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	l Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

F	urnish information below for each system. Asepara	te page should be supplied wher	e necessary.
1	Present ERC's * that system can efficiently serve.		68
2	Maximum number of ERCs * which can be served	**	1,276
3	Present system connection capacity (in ERCs *) us	106	
4	Future connection capacity (in ERCs *) upon service	ce area buildout.	106
5.	Estimated annual increase in ⊞Cs *.	System Sold	
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.		
8.	Describe any plans and estimated completion date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.
	When did the company last file a capacity analysis  If the present system does not meet the requirem	•	N/A N/A
	<ul><li>a. Attach a description of the plant upgrade neces</li><li>b. Have these plans been approved by DEP?</li></ul>	ssary to meet the D <b>₽</b> rules.	
	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 DI	EP?	
11.	Department of Environmental Protection ID #.	3354867	
12.	Water Management District Consumptive Use Perr	mit #	4545
	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 compli withdrawal quantities are dynamic and may fluctua the permit. Permits are reviewed peridically to asc	ate beyond permitted quantities o	
	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 (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)
0	549	4	545	450
0	484	4	480	499
0	537	4	534	463
0	705	0	705	453
0	750	0	750	662
0	633	0	633	699
				System Sold
0	3,659	11	3,649	3,225
	PURCHASED FOR RESALE (Omit 000's)  (b)  0  0  0  0	PURCHASED FOR RESALE (Omit 000's) (b)  (c)  0 549  0 484  0 537  0 705  0 633	PURCHASED FOR RESALE (Omit 000's) (C) (C) (Heat of the color of the co	WATER PURCHASED WATER PUMPED FOR LINE FLUSHING, FIGHTING (Omit 000's)

If water is purchased for	resale, indicate the followi	ing:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other w	ater utilities for redistributi	ion, 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	135	194,400	Deep Well
100 000 000 000 000 000 000 000 000 000			

YEAR OF REPORT June 30, 2004

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 194,400 (Max Day)
Location of measurement	
(I.e. WellHead, Storage Tank):	WellHead and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc,):	Chlorination and Aeration
	FREATMENT
Unit rating (i.e., GPM, pounds per gallon): N/A	FREATMENT  Manufacturer:
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e., GPM, pounds per gallon): N/A	<del> </del>
Unit rating (i.e., GPM, pounds per gallon): N/A FIL	Manufacturer:

<sup>\*</sup> Well

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	108	108
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 <sup>8</sup>	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	108	108

#### 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 )

omers Days	ERC
06 181	168

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	ıl Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. Aseparat	te page should be supplied wher	e necessary.
1.	Present ERC's * that system can efficiently serve.		106
2.	Maximum number of ⊞Cs * which can be served	**	578
3.	Present system connection capacity (in IRCs *) us	sing existing lines.	117
4.	Future connection capacity (in IRCs *) upon service	ce area buildout.	117
5.	Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	11	ovements of this system.
		?	
9.	When did the company last file a capacity analysis	s report with the DP?	N/A
10.	If the present system does not meet the requirem	ents of the DP rules:	N/A
	a. Attach a description of the plant upgrade neces	ssary to meet the DIP 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 Oder with DI	EP?	
11.	Department of Environmental Protection ID #.	2540959	
12.	Water Management District Consumptive Use Per	mit #	N/A
	a. Is the system in compliance with the requirement	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: SILVER LAKE ESTATES #574 & WESTERN SHORES #566 / LAKE

## PUMPING AND PURCHASED WATER STATISTICS

	WATER	FINISHED	WATER USED FOR LINE	TOTAL WATER 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	23,923	0	23,923	22,712
February	0	19,615	0	19,615	16,756
March	0	27,599	0	27,599	18,312
April	0	33,291	0	33,291	26,553
May	0	31,212	0	31,212	27,237
June	0	26,146	0	26,146	28,537
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	161,785	0	161,785	140,107
		7.77272		,	

Silver Lake Estates and We	stern Shores are li	nterconnected
If water is purchased for res	sale, indicate the fo	ollowing:
Vendor	N/A	
Point of delivery	N/A	
If water is sold to other wate	er utilities for redis	tribution, 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	Silver Lake Estates	1,425	2,052,000	Deep Well
Well # 2	Silver Lake Estates	1,425	2,052,000	Deep Well
Well # 1	Western Shores	600	864,000	Deep Well

YEAR OF REPORT June 30, 2004

#### & 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 (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 per gallon): Manufacturer: **FILTRATION** Type and size of area: Pressure (in square feet): N/A Manufacturer: Gravity (in GPM/square feet): N/A Manufacturer:

\* Wells

#### & WESTERN SHORES #566 / LAKE

#### **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	1,329	1,329
3/4"	Displacement	1.5	13	20
1"	Displacement	2.5	191	478
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	1,533	1,826

#### 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
	137,663,441	1,513	181	503

YEAR OF REPORT June 30, 2004

#### & WESTERN SHORES #566 / LAKE

#### **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	1	5
2"	Displacement, Compound or Turbine	8.0	3	24
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	l Commercial Water System Meter Equ	ivalents	6	31

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

YEAR OF REPORT June 30, 2004

## OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Asepara	ate page should be supplied wh	nere necessary.
Present ERC's * that system can efficiently serve		1,513
2. Maximum number of 田Cs * which can be served	**	2,900
3. Present system connection capacity (in ERCs *) u	sing existing lines.	1,703
4. Future connection capacity (in ERCs *) upon servi	ice area buildout.	1,792
5. Estimated annual increase in ERCs *.	System Sold	
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.		
Describe any plans and estimated completion date     System under new ownership, sold 06/30/2004	es for any enlargements or imp	rovements of this system.
<ul><li>10. If the present system does not meet the requirement</li><li>a. Attach a description of the plant upgrade neces</li><li>b. Have these plans been approved by DEP?</li></ul>		N/A
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Oder with DE	P?	
Department of Environmental Protection ID #.	3351182	
2. Water Management District Consumptive Use Perm	it#	2644
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 compliant withdrawal quantities are dynamic and may fluctuate the permit. Permits are reviewed peridically to asce	e beyond permitted quantities	It should be noted that during the duration of 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.

# 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	121	4	116	117
February	0	116	4	113	118
March	0	136	0	136	126
April	0	136	1	135	123
May	0	152	1	152	148
June	0	148	1	147	157
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	809	10	799	790

14		
	resale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
If water is sold to other w	ater utilities for redistribution, list names of such utili	ties below:

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #2	75		Deep Well

YEAR OF REPORT June 30, 2004

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 100,800 (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 and Aeration
1 IME	TDEATMENT
	TREATMENT
Unit rating (i.e., ŒM, pounds	TREATMENT  Manufacturer:
Unit rating (i.e., CPM, pounds per gallon): N/A	
Unit rating (i.e., CPM, pounds per gallon): N/A	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	58	58
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	58	58

#### 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
	789,600	39	181	112

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	ıl Commercial Water System Meter Equ	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

Fι	urnish information below for each system. Asepara	ite page should be supplied wher	e necessary.
1.	Present ERC's * that system can efficiently serve.	•	39
2.	Maximum number of ⊞Cs * which can be served	] **	225
3.	Present system connection capacity (in IRCs *) us	sing existing lines.	40
4.	Future connection capacity (in IRCs *) upon serving	ce area buildout.	40
5.	Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	tes for any enlargements or impro	ovements of this system.
	When did the company last file a capacity analysis	n. **	N/A
	a. Attach a description of the plant upgrade neces	ssary to meet the DIP 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 Di	₽?	
11.	Department of Environmental Protection ID #.	2544258	
12.	Water Management District Consumptive Use Per	mit #	N/A
	a. Is the system in compliance with the requirement	ents of the CUP	
	b. If not, what are the utility's plans to gain compli	liance?	

<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	58	58
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	58

# 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
	724,460	39	181	103

S-11a 20473 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES

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

YEAR OF REPORT June 30, 2004

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
ר	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	0

S-11b 20473 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

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

YEAR OF REPORT June 30, 2004

#### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	1	Ţ
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)	0.002	(Average of Max Month)
Total Gallons of WW Treated (mg)	0.277	
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT June 30, 2004

# OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be sup	plied where necessary.
Present number of ERC's * now being served.	
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 existing lines. 40	
4. Future connection capacity (in ERCs*) upon service area buildout.*** 40	
Estimated annual increase in ERCs*     System Sold	
Describe any plans and estimate completion dates for any enlargements or improvem     System under new ownership, sold 06/30/2004	nents of this system.
<ul> <li>7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end of reuse provided to each, if known.</li> <li>N/A</li> <li>8. If the utility does not engage in reuse, has a reuse feasibility study been completed?</li> </ul>	users and the amount
If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse	e? No
If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP?	October-00
11. If the present system does not meet the requirements of DEP rules:  Attach a description of the plant upgrade necessary to meet the DEF 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?	P rules.
12. Department of Environmental Protection ID # FLA011715	

S-13 20473 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	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	691	0	691	672
February	0	721	0	721	530
March	0	867	0	867	662
April	0	839	0	839	716
May	0	996	0	996	828
June	0	891	0	891	917
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	5,005	0	5,005	4,326

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

	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

YEAR OF REPORT June 30, 2004

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

<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	127	127
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 Equiv	valents	127	127

# 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		Calculations: (a)
ERC	Days	Customers	SFR Gallons Sold	
167	181	116	3,505,860	

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	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
Tota	l Commercial Water System Meter Equi	ivalents	2	6

#### OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. Asepara	ate page should be supplied when	re necessary.
1.	Present ERC's * that system can efficiently serve.		116
2.	Maximum number of ⊞Cs * which can be served	) **	377
3.	Present system connection capacity (in ⊞Cs *) us	sing existing lines.	127
4.	Future connection capacity (in ⊞Cs *) upon service	ce area buildout.	127
5.	Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.
	When did the company last file a capacity analysis  If the present system does not meet the requirement  a. Attach a description of the plant upgrade neces  b. Have these plans been approved by DEP?	ents of the DP rules:	N/A N/A
	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 DE	₽?	
11.	Department of Environmental Protection ID #.	3351205	
12.	Water Management District Consumptive Use Pern	nit #	2614
	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 complia withdrawal quantities are dynamic and may fluctual		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.

#### **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	57	0	57	50
February	0	62	0	62	45
March	0	82	0	82	55
April	0	105	0	105	84
May	0	85	0	85	83
June	0	38	0	38	80
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	429	0	429	398
	7			į.	

If water is purchased for	resale indicate the follow	wina:
Vendor	N/A	
Point of delivery	N/A	
l .	ater utilities for redistribu	ution, 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	100	144,000	Deep Well

YEAR OF REPORT June 30, 2004

#### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	,	* 144,000	(Peak Hour)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or [	Distribution
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, e	etc,):	Chlorination	
	LIME TRE	ATMENT	
Unit rating (i.e., CPM, pounds			
Unit rating (i.e., GPM, pounds per gallon):		Manufacturer:	
- · · · · · ·	FILTR/		·
- · · · · · ·			

<sup>\*</sup> Well

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	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
<b>4</b> "	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	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
	397,770	9	181	244

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	l Commercial Water System Meter Equi	ivalents	0	0

#### OTHER WATER SYSTEM INFORMATION

F	urnish information below for each system. Aseparat	te page should be supplied wher	e necessary.
1.	Present ERC's * that system can efficiently serve.		9
2.	Maximum number of ERCs * which can be served	**	147
3.	Present system connection capacity (in ⊞Cs *) us	ing existing lines.	10
4.	Future connection capacity (in ERCs *) upon service	ce area buildout.	12
5.	Estimated annual increase in ⊞Cs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impro	vements of this system.
9.	When did the company last file a capacity analysis	report with the DP?	N/A
10.	If the present system does not meet the requirement	ents of the DP rules:	N/A
	a. Attach a description of the plant upgrade neces	sary to meet the DIP rules.	
	b. Have these plans been approved by D⊞?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Oder with DE	₽?	
11.	Department of Environmental Protection ID #.	3351282	
12.	Water Management District Consumptive Use Perm	nit #	2606
	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 withdrawal quantities are dynamic and may fluctuat the permit. Permits are reviewed peridically to asce	te beyond permitted quantities d	It should be noted that uring the duration of d 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 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	3,351	1,675	1,676	1,215
February	0	3,352	1,871	1,481	1,623
March	0	4,107	2,166	1,941	1,432
April	0	4,820	2,607	2,213	1,932
May	0	5,550	3,922	1,628	2,198
June	0	4,449	2,305	2,144	2,095
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	25,629	14,546	11,083	10,495

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 N/A	ater utilities for redistribution, list names of such utilities below:	
	ater utilities for redistribution, list names of such utilities below:	
	ater utilities for redistribution, list names of such utilities below:	

	CAPACITY OF WELL	GALLONS 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

YEAR OF REPORT June 30, 2004

#### 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			
(l.e. WellHead, Storage Tank):	WellHead and/or Distribution		
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, etc,):	Chlorination and I	ron Removal	
LIME	TREATMENT		
<del></del>	TREATMENT		
Unit rating (i.e., CPM, pounds	TREATMENT  Manufacturer:	:	
Unit rating (i.e., CPM, pounds per gallon): N/A		:	
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	-	
Unit rating (i.e., CPM, pounds per gallon): N/A	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	432	432
3/4"	Displacement	1.5	4	6
1"	Displacement	2.5	15	38
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	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	ivalents	452	506

#### 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
	9,859,900	432	181	126

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	13	13
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	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	, 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	24	73

## OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. Asepara	te page should be supplied where	e necessary.
1.	Present ERC's * that system can efficiently serve.		432
2.	Maximum number of ⊞Cs * which can be served	**	1,998
3.	Present system connection capacity (in IRCs *) us	sing existing lines.	2,231
4.	Future connection capacity (in ERCs *) upon service	26,137	
5.	Estimated annual increase in ERCs *.	System Sold	
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.		
8.	Describe any plans and estimated completion date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.
l.		ý	
9.	When did the company last file a capacity analysis	s report with the DP?	N/A
10.	If the present system does not meet the requirem	ents of the DP rules:	N/A
	a. Attach a description of the plant upgrade nece	ssary to meet the DIP rules.	
	b. Have these plans been approved by D₽?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	g.	
	e. Is this system under any Consent Oder with D	<b>EP?</b>	
11.	Department of Environmental Protection ID #.	1670647	
12.	Water Management District Consumptive Use Per	mit #	19842730
	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 complexity to any flucture of the property of		It should be noted that
	withdrawal quantities are dynamic and may flucture the permit. Permits are reviewed peridically to as		
	water management district.	ooraan whether mounications he	od to be mod 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.

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	180	180				
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 Sold	Customers	Days	ERC
	2,926,490	169	181	96

S-11a 22801 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT June 30, 2004

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	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			
7	Total Commercial Wastewater System Meter Equivalents						

S-11b 22801 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT June 30, 2004

## TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

The state of the s				
Permitted Capacity (gpd)	50,000			
Basis of Permit Capacity (1)	AADF			
Manufacturer	CUSTOM MADE			
Type (2)	Activated Sludge/Co	ontact stabilization		
Hydraulic Capacity (gpd)	50,000			
Average Daily Flow (mgd)	0.018	(Average of Max Month)		
Total Gallons of WW Treated (mg)	2.988			
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: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT June 30, 2004

## OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page s	hould be supplied where necessary.
Present number of ERC's * now being served	169
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 existing lines.	909
4. Future connection capacity (in ERCs*) upon service area buildout.***	3,634
Estimated annual increase in ERCs*     System Sold	
Describe any plans and estimate completion dates for any enlargement System under new ownership, sold 06/30/2004	ts or improvements of this system.
<ul> <li>7. If the utility uses reuse as a means of effluent disposal, attach a list of to of reuse provided to each, if known. N/A</li> <li>8. If the utility does not engage in reuse, has a reuse feasibility study been</li> </ul>	7
If so, when?	
9. Has the utility been required by DEP or water management district to in	nplement reuse? No
If so, what are the utility's plans to comply with this require	ment?
10. When did the company last file a capacity analysis report with the DEF	P? February-01
<ul> <li>11. If the present system does not meet the requirements of DEP rules:</li> <li>a. Attach a description of the plant upgrade necessary to 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 upgrading.</li> <li>e. Is this system under any Consent Order with DEP?</li> </ul>	N/A meet the DEP rules.
12. Department of Environmental Protection ID # FLA010258	

S-13 22801 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	3,121	11	3,110	2,528
February	0	2,717	9	2,708	1,968
March	0	3,747	8	3,739	2,058
April	0	4,728	9	4,719	2,820
May	0	5,776	7	5,769	3,228
June	0	3,806	8	3,798	3,785
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	23,895	52	23,843	16,386
				;	

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

	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

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 360,000 (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
LIME Unit rating (i.e., GPM, pounds	
·· Unit rating (i.e., ŒM, pounds	TREATMENT  Manufacturer:
Unit rating (i.e., CPM, pounds per gallon): N/A	
Unit rating (i.e., CPM, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e., ŒM, pounds per gallon): N/A	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	253	253
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
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
Tota	al Residential Water System Meter Equi	ivalents	261	276

#### 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
	13,069,811	236	181	274
1				

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	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
Tota	al Commercial Water System Meter Equ	5	7	

## OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. Aseparat	te page should be supplied where	e necessary.
1.	Present ERC's * that system can efficiently serve.		236
2.	Maximum number of ⊞Cs * which can be served	328	
3.	Present system connection capacity (in IRCs *) us	sing existing lines.	301
4.	Future connection capacity (in ERCs *) upon servi	ce area buildout.	10,043
5.	Estimated annual increase in ERCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.
	When did the company last file a capacity analysis		N/A
	a. Attach a description of the plant upgrade nece	ssary to meet the DIP rules.	
	b. Have these plans been approved by D₽?		
	c. When will construction begin?		•
	d. Attach plans for funding the required upgrading	g.	
	e. Is this system under any Consent Order with D	₽?	
11.	Department of Environmental Protection ID #.	3481329	
12.	Water Management District Consumptive Use Fer	mit #	51073
	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 compl withdrawal quantities are dynamic and may fluctu the permit. Permits are reviewed peridically to as	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.

YEAR OF REPORT June 30, 2004

## 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)	<b>(f)</b>
January	0	2,041	0	2,041	2,170
February	0	1,712	7	1,705	1,489
March	0	3,958	7	3,951	1,818
April	0	2,480	0	2,480	2,449
May	0	2,853	0	2,853	2,178
June	0	2,023	0	2,023	2,595
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	15,068	14	15,054	12,698

If water is purchased for	resale, indicate the follow	ing:
Vendor	N/A	•
Point of delivery	N/A	
If water is sold to other w	ater utilities for redistribut	ion, 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	Tomoka View	100	144,000	Deep Well
Well # 2	Tomoka View	200	288,000	Deep Well
Well # 1	Twin Rivers	125	180,000	Deep Well

YEAR OF REPORT June 30, 2004

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

		TR*	180,000	(Max Day Capacity)
Capacity of Plant	(GPD):	TV*	108,000	(Reliable Max Day Capacity)
Location of meas	surement			
(I.e. WellHead, St	orage Tank):		WellHead and/or D	Distribution
Type of treatmen	t (reverse osmosis,			
(sedimentation, o	chemical, aerated, etc,):		Chlorination	
	LII	WE TRE	ATMENT	
Unit rating (i.e., 0	⊋M, pounds			
per gallon):	N/A		Manufacturer:	
		FILTRA	TION	
Type and size of	area:	FILTRA	TION	
Type and size of		FILTRA	TION  Manufacturer:	
	are feet): N			

<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 Equ	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
	12,418,592	265	181	259

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	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	; O	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	ıl Commercial Water System Meter Equ	ivalents	4	11

YEAR OF REPORT June 30, 2004

### OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. Aseparat	te page should be supplied wher	re necessary.
1.	Present ERC's * that system can efficiently serve.		265
2.	Maximum number of ERCs * which can be served	**	556
3.	Present system connection capacity (in ⊞Cs *) us	sing existing lines.	265
4.	Future connection capacity (in ⊞Cs *) upon service	ce area buildout.	265
5.	Estimated annual increase in IRCs *.	System Sold	
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 date System under new ownership, sold 06/30/2004	es for any enlargements or impr	ovements of this system.
9.	When did the company last file a capacity analysis	s report with the DP?	N/A
10.	If the present system does not meet the requirem	ents of the DP rules:	N/A
	a. Attach a description of the plant upgrade neces	ssary to meet the DIP rules.	
	b. Have these plans been approved by D⊞?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	g.	
	e. Is this system under any Consent Oder with D	<b>EP?</b>	
11.	Department of Environmental Protection ID #.	3641373	
12.	Water Management District Consumptive Use Per	mit #	N/A
	a. Is the system in compliance with the requirement	ents of the CUP	
	b. If not, what are the utility's plans to gain compl	liance?	

<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	FINISHED	WATER USED FOR LINE	TOTAL WATER 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)	<b>(f)</b>
January	0	2,317	8	2,309	1,844
February	0	2,069	6	2,062	1,846
March	0	2,768	4	2,764	1,756
April	0	3,072	3	3,069	2,206
May	0	3,347	2	3,344	2,518
June	0	2,777	150	2,627	2,936
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	16,349	173	16,176	13,107
				ř	

Γ				
If water is purchased for r	esale indicate the follo	wing:		
Vendor	N/A	wing.		
Point of delivery	N/A			
If water is sold to other wa	iter utilities for redistrib	ution, list names of suc	h utilities below:	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	750	1,080,000	Deep Well
Well # 2	350	504,000	Deep Well

YEAR OF REPORT June 30, 2004

## 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		
(i.e. WellHead, Storage Tank):	WellHead and/or Dis	tribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc,):	Chlorination	
LIME	TREATMENT	
<del></del>	FREATMENT	
Unit rating (i.e., GPM, pounds	TREATMENT  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	Manufacturer:	

<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	336	336
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	ıl Residential Water System Meter Equi	valents	336	336

## 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
	10,790,989	321	181	186

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	5	5
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turbine	8.0	3	24
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	ıl Commercial Water System Meter Equ	17	59	

## OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. Asepara	te page should be supplied where	e necessary.
1.	Present ERC's * that system can efficiently serve.		321
2.	Maximum number of ⊞Cs * which can be served	678	
3.	Present system connection capacity (in ERCs *) us	sing existing lines.	330
4.	Future connection capacity (in ERCs *) upon servi	330	
5.	Estimated annual increase in ⊞Cs *.	System Sold	
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.	***************************************	
8.	Describe any plans and estimated completion dat System under new ownership, sold 06/30/2004	es for any enlargements or impro	vements of this system.
		,	
9.	When did the company last file a capacity analysis	s report with the DP?	N/A
10	If the present system does not meet the requirem	N/A	
	a. Attach a description of the plant upgrade nece	essary to meet the DIP rules.	
	b. Have these plans been approved by D₽?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	g.	
	e. Is this system under any Consent Oder with D	FP?	
11.	Department of Environmental Protection ID #.	3351421	
12.	Water Management District Consumptive Use Per	mit #	2632
	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 compl		It should be noted that
	withdrawal quantities are dynamic and may fluctu		
	the permit. Permits are reviewed peridically to as water management district.	certain whether modifications nee	ea 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.

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

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	336	336
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
	336			

# 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
	6,550,671	320	181	113

S-11a 20554 SYSTEM 1

YEAR OF REPORT June 30, 2004

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

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	4	4
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 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
-	38			

S-11b 20554 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT June 30, 2004

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

1 Torrao a ocpar	1 To vide a coparate cried for each macteriate a cathlete activity				
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)	0.042	(Average of Max Month)			
Total Gallons of WW Treated (mg)	6.938				
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.

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

YEAR OF REPORT June 30, 2004

## 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.	320
Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	711 **
Present system connection capacity (in ERCs*) using ex	disting lines. 327
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 327
5. Estimated annual increase in ERCs* System S	Sold
Describe any plans and estimate completion dates for ar System under new ownership, sold 06/30/2004	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  8. If the utility does not engage in reuse, has a reuse feasib	
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 with	h this requirement?
10. When did the company last file a capacity analysis repo	ort 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 n.</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.</li> <li>e. Is this system under any Consent Order with</li> </ul>	necessary to meet the DEP rules.
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**

			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	896	1	896	751
February	0	817	1	816	724
March	0	1,025	1	1,025	689
April	0	1,105	1	1,105	794
May	0	1,275	1	1,275	971
June	0	1,043	1	1,042	994
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	6,162	5	6,157	4,923
				;	

If water is purchased for	resale, indicate the folio	wing:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other w N/A	ater utilities for redistrib	ution, list names	s of such utili	ities below:	

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

YEAR OF REPORT June 30, 2004

## 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, etc	c,): Chlorination	
	LIME TREATMENT	
	LIME TREATMENT	
Unit rating (i.e., CPM, pounds	LIME 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	Manufacturer	

<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	148	148
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	<sup>†</sup> 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	148

## 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
4,820,470	145	181	184
		SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

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	; O	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

Fu	rnish information below for each system. Asepara	te page should be supplied wher	e necessary.		
1.	Present ERC's * that system can efficiently serve.	A CONTRACTOR OF THE CONTRACTOR	145		
2.	Maximum number of ⊞Cs * which can be served	196			
3.	Present system connection capacity (in ERCs *) us	sing existing lines.	215		
4.	Future connection capacity (in ERCs *) upon servi	ce area buildout.	266		
5.	Estimated annual increase in ERCs *.	System Sold			
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 dat System under new ownership, sold 06/30/2004	es for any enlargements or impro	ovements of this system.		
9.	When did the company last file a capacity analysis	s report with the DP?	N/A		
10.	If the present system does not meet the requirem	nents of the DP rules:	N/A		
	a. Attach a description of the plant upgrade necessary to meet the DIP 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	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 requirem	ents of the CUP	Yes,		
	b. If not, what are the utility's plans to gain complete	liance?	It should be noted that		
	withdrawal quantities are dynamic and may fluctu				
	the permit. Permits are reviewed peridically to as water management district.	сетаin whether modifications ne	ed 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.

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	94	94
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 Equiva	lents	94

# 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
	2,388,960	92	181	143

S-11a 20567 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT June 30, 2004

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	C
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	C
12"	Turbine	215.0 ,	0	0
7	0			

S-11b 20567 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT June 30, 2004

### TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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)	0.022	(Average of Max Month)	
Total Gallons of WW Treated (mg)	3.063		
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: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT June 30, 2004

## 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.	92
2. Maximum number of ERC's * which can be served.	252 **
<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 ex</li> </ul>	isting lines. 102
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 102
5. Estimated annual increase in ERCs* System S	Sold
6. Describe any plans and estimate completion dates for an System under new ownership, sold 06/30/2004	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	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? No
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 with	n this requirement?
10. When did the company last file a capacity analysis repo	rt with the DEP? April-04
<ul> <li>11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade n.</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</li> </ul>	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID#	FLA010567-003-DWF

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

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

YEAR OF REPORT June 30, 2004

## **PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	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)
January	0	(c) 634	( <b>d</b> )	<b>(e)</b> 627	<b>(f)</b> 518
February	0	591	7	584	433
March	0	1,052	407	645	405
April	0	658	0	658	540
May	0	662	0	662	510
June	0	614	0	614	498
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	4,210	421	3,789	2,903

		<del></del>		
If water is purchased for r	esale, indicate the followir	ng:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ater utilities for redistribution	on list names of such util	lities below:	
N/A	ter duities for redistribution	on, not names of such du	illes below.	
, , , ,				

		CAPACITY	GALLONS	
		OF WELL	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

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

YEAR OF REPORT June 30, 2004

## WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (0	GPD):	* 109,440	(Reliable Max Day)		
Location of measur	rement				
(I.e. WellHead, Storage Tank):		WellHead and/o	WellHead and/or Distribution		
Type of treatment (	reverse osmosis,				
(sedimentation, chemical, aerated, etc,):		Chlorination and	I Aeration		
	. 10	IE TREATMENT			
	LIN	IE IREAIMENI			
Unit rating (i.e., Œl		IC IREAIMENI			
		Manufacture	er:		
Unit rating (i.e., Œl per gallon):	M, pounds N/A		er:		
per gallon):	M, pounds N/A	Manufacture	er:		
	M, pounds N/A rea:	Manufacture FILTRATION			

<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	157	157
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	? O	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 Water System Meter Equivalents			159	161

## 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
2,895,670	193	181	83
		SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

YEAR OF REPORT June 30, 2004

# **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	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	* O	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	il Commercial Water System Meter Equi	ivalents	1	1

## OTHER WATER SYSTEM INFORMATION

his system.
N/A

<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	72	4	69	50
February	0	77	4	74	59
March	0	93	4	89	55
April	0	103	0	103	73
May	0	92	0	92	77
June	0	69	0	69	64
July					System Sold
August					1
September					
October					
November					:
December					
Total for year	0	506	11	495	377

f water is purchased for	resale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
f water is sold to other w	ater utilities for redistribution, li	st 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 #2	25	36,000	Deep Well

YEAR OF REPORT June 30, 2004

# WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 36,000 (Peak Hour)
Location of measurement	
(I.e. WellHead, Storage Tank):	WellHead and/or Distribution
Type of treatment (reverse osmosis,	
(sedimentation, chemical, aerated, etc.):	Chlorination
LIME	TREATMENT
	ETREATMENT
LIME Unit rating (i.e., CPM, pounds per gallon): N/A	ETREATMENT  Manufacturer:
Unit rating (i.e., ��M, pounds per gallon): N/A	
Unit rating (i.e., ��M, pounds per gallon): N/A	Manufacturer:
Unit rating (i.e., ௸M, pounds per gallon): N/A	Manufacturer:

<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	33	33
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	valents	33	33

## 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
	377,060	28	181	74

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	<i>i</i> 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

ish information below for each system. Aseparat	te page should be supplied where	e necessary.
resent ERC's * that system can efficiently serve.		28
aximum number of ERCs * which can be served	**	121
resent system connection capacity (in ⊞Cs *) us	ing existing lines.	52
uture connection capacity (in ⊞Cs *) upon service	ce area buildout.	59
stimated annual increase in ERCs *.	System Sold	
the utility required to have fire flow capacity?  If so, how much capacity is required?	No	
tach a description of the fire fighting facilities.	N/A	
	es for any enlargements or impro	vements of this system.
hen did the company last file a capacity analysis	report with the DP?	N/A
the present system does not meet the requirement	ents of the DP rules:	N/A
Attach a description of the plant upgrade neces	ssary to meet the DIP rules.	
Have these plans been approved by D⊞?		
When will construction begin?		
Attach plans for funding the required upgrading	J.	
Is this system under any Consent Oder with DE	₽?	
epartment of Environmental Protection ID #.	2541280	
ater Management District Consumptive Use Pern	nit #	N/A
Is the system in compliance with the requireme	ents of the CUP	
If not, what are the utility's plans to gain complia	ance?	
	the utility required to have fire flow capacity? If so, how much capacity is required?  tach a description of the fire fighting facilities. escribe any plans and estimated completion date system under new ownership, sold 06/30/2004  then did the company last file a capacity analysis the present system does not meet the requirement. Attach a description of the plant upgrade neces. Have these plans been approved by DEP?  When will construction begin?  Attach plans for funding the required upgrading Is this system under any Consent Oder with DE epartment of Environmental Protection ID #.  Vater Management District Consumptive Use Perrols the system in compliance with the requirements.	the utility required to have fire flow capacity?  If so, how much capacity is required?  tach a description of the fire fighting facilities.  N/A  escribe any plans and estimated completion dates for any enlargements or improvement under new ownership, sold 06/30/2004  Then did the company last file a capacity analysis report with the DP?  the present system does not meet the requirements of the DP rules:  Attach a description of the plant upgrade necessary to meet the DIP rules.  Have these plans been approved by DIP?  When will construction begin?  Attach plans for funding the required upgrading.  Is this system under any Consent Oder with DIP?

 $<sup>^{\</sup>star}\,$  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)	(⊖)	<b>(f)</b>
January	0	857	87	770	1,016
February	0	695	87	608	989
March	0	678	34	644	1,042
April	0	559	34	525	1,107
May	0	260	34	226	678
June	0	168	34	134	470
July					System Sold
August					
September					
October					
November					
December					
Total for year	0	3,217	310	2,907	5,302

If water is purchased for re	esale, indicate the following:
Vendor	Pasco County Utilities
Point of delivery	8 inch Rockwell meter @ entrance to American Condominium MHP
	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
Well #2	120	172,800	Deep Well

YEAR OF REPORT June 30, 2004

# 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):	WellHead and/or D	Pistribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination	
LIMET	<b>TREATMENT</b>	
LIME 1 Unit rating (i.e., GPM, pounds	FREATMENT	
<del></del> -	TREATMENT  Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A FIL		
Unit rating (i.e., GPM, pounds per gallon): N/A  FIL'  Type and size of area:	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	

<sup>\*</sup> Well

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	592	592
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
Tota	Total Residential Water System Meter Equivalents		594	600

## 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
	4,865,020	498	181	54

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	r 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		ivalents	7	27

## OTHER WATER SYSTEM INFORMATION

Fu	urnish information below for each system. Asepara	ate page should be supplied whe	re necessary.
1.	Present ERC's * that system can efficiently serve	i <u>.</u>	498
2.	2. Maximum number of ⊞Cs * which can be served **		800
3.	. Present system connection capacity (in IRCs *) using existing lines.		500
4.	Future connection capacity (in IRCs *) upon service area buildout.		500
5.	Estimated annual increase in ⊞Cs *.	System Sold	
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 dat System under new ownership, sold 06/30/2004	tes for any enlargements or impr	ovements of this system.
		?	
9.	When did the company last file a capacity analysi	is report with the DP?	N/A
10.	0. If the present system does not meet the requirements of the DP rules:  N/A		N/A
	a. Attach a description of the plant upgrade necessary to meet the DIP rules.		
	b. Have these plans been approved by D₽?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgradin	ng.	
	e. Is this system under any Consent Oder with D	DEP?	
11.	Department of Environmental Protection ID #.	3512018	,
12.	Water Management District Consumptive Use Per	rmit #	2011082.00
	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 fluctu- the permit. Permits are reviewed peridically to as	· · · · · · · · · · · · · · · · · · ·	
	water management district.	ocertain whether mounications ne	ed to be med with the
	gement		

<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: 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	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 System Meter Equivalents			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.

	Average		
SFR Gallons Sold	Customers	Days	ERC
4,732,840	496	181	53
			2.,2

S-11a 21427 SYSTEM 1 UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT June 30, 2004

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	0
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	Total Commercial Wastewater System Meter Equivalents			

S-11b 21427 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES** 

SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT June 30, 2004

## TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

1 101 to a copulate sheet for each wastewater treatment facility		
Permitted Capacity (gpd)	Interconnected	
Basis of Permit Capacity (1)	Interconnected	
Manufacturer	Interconnected	
Type (2)	Interconnected	
Hydraulic Capacity (gpd)	Interconnected	
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 June 30, 2004

## 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.	496 Interconnected		
Maximum number of ERC's * which can be served.  ** Note: SFR gallons sold is not representative of total ww flow at plant.	N/A **		
3. Present system connection capacity (in ERCs*) using exitations.	sting lines. 496		
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 496		
Estimated annual increase in ERCs*     System S	Sold		
Describe any plans and estimate completion dates for any enlargements or improvements of this system.  System under new ownership, sold 06/30/2004			
<ul> <li>7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. N/A</li> <li>8. If the utility does not engage in reuse, has a reuse feasible of the utility does not engage in reuse.</li> </ul>	,		
9. Has the utility been required by DEP or water manageme  If so, what are the utility's plans to comply with	•		
10. When did the company last file a capacity analysis report	rt with the DEP? N/A		
<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</li> </ul>	ding.		
12. Department of Environmental Protection ID #	Interconnected		

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