

2002 Florida Public

Service Commission

Annual Report

Engineering

Section

Fire Fighting Capabilities

Fire Fighting Capabilities				2002 W-14 Exibit Q-7
		Total Reservoir	Total High Service	
Water Plant Name	Plant #	Capacity (gals)	pump capacity (gpm)	Comments
Amelia Island	1518	1,000,000	9,220	
Apple Valley	332	232,000	2,920	
Beacon Hills/Cobblestone	886	433,600	6,275	
Beecher's Point	472			Interconnected to Welaka
Buenventura Lakes	785	1,206,000	7,200	Transfer of the property of the second control of the second of the seco
Burnt Store	2202	1,000,000	2,400	
Chuluota	335	150,000	1,950	The articles of the state of th
Citrus Springs	906	200,000	4,200	4,200 Includes all direct wells
Deltona Lakes	1806	7,150,000	23,500	23,500 Includes all direct wells
Dol Ray	336	8,000	200	
Druid Hills	334	30,000	200	500 Wells can be valved to go direct.
Fountains	772	20,000	1,500	Personal of Reference and Company of the Company of
Fox Run	629	20,000	850	a chairman and a chairman again agai
Gibsonia	215		270	270 Includes all direct wells
Grand Terrace	575		009	600 Includes all direct wells
Keystone Heights/Club	1094		1,750	1,750 Includes all direct wells
Lake Ajay	773	15,000	320	The second secon
Lake Gibson	210		1,100	1,100 Includes all direct wells
Lake Harriet	323	25,000	400	400 Emergency interconnect to Altamonte Springs
Lakeside	995		1,250	,250 Includes all direct wells
Lehigh	2901	2,250,000	4,250	
Leisure Lakes/Covered Bridge	2401	15,000	400	
Leilani Heights	675		470	470 Includes all direct wells
Marco Island	2601	6,500,000	22,700	The same state of the same sta
Marco Shores	2602	200,000	2,700	The state of the s
Marion Oaks	1106	1,000,000	2,700	2,700 Includes all direct wells
Meredith Manor	330	20,000	1,150	
Morning View	295	•	425	425 Includes all direct wells
Oak Forest	993	-	630	630 Includes all direct wells
Palisades	579		1,600	1,600 Includes all direct wells
Palm Coast	3001	6,650,000	11,800	

Fire Fighting Capabilities		k and		2002 W-14 Exibit
		Total Reservoir	Total High Service	
Water Plant Name	Plant #	Capacity (gals)	pump capacity (gpm)	Comments
Palm Terrace	1429		160	160 Well and Interconnects
Pine Ridae	206		2,855	2,855 Includes all direct wells
Pine Ridge Estates	782	45,000	089	
Point O Woods	987		1,250	1,250 Includes all direct wells
Quail Ridge	578		650	650 Includes all direct wells
Remington Forest	2302	34,000		
Rosemont	988		865	865 Includes all direct wells
Salt Springs	1115	•	633	633 Includes all direct wells
Seaboard	1906	1,000,000	3,850	3,850 Interconnected to City of Tampa
Silver Lake Estates	574	20,000	4,420	4,420 Interconnected to Western Shores
Skycrest *	551		675	675 Includes all direct wells
Spring Gardens	994		168	168 Well and Interconnect to Hernando County
Spring Hill	2701	4,500,000	25,110	25,110 Includes all direct wells
Spruce Creek Country Club	1120	200,000	10,300	10,300 Includes all direct wells
Spruce Creek Preserve	1121		1,650	1,650 Includes all direct wells
Spruce Creek South	1122		2,650	2,650 Includes all direct wells
Stonecrest	1130		3,000	3,000 Includes all direct wells
Sugar Mill Woods	989	200,000	2,000	7,000 Includes all direct wells
Sunny Hills	2801	000'09	1,050	1,050 Includes all direct wells
Sunshine Parkway	260	108,000	3,400	
Valencia Terrace	554		1,100	1,100 Includes all direct wells
Valrico Hills	1901		800	800 Includes all direct wells
Woodmere	888	455,000	3,600	· · · · · · · · · · · · · · · · · · ·
Zephry Shores	1427		120	120 Well and Interconnect to Pasco County
	-			The state of the s

REUSE END USERS

List for each source for reuse:

PAGE S-13 EXHIBIT Q-7

System Name	System Number	Reuse End User	Gallons Used
Amelia Island	1518	Amelia Links, Long Pointe & Summer Beach Golf Courses	237,326,000
Buenaventura Lakes	785	Buenaventura Lakes Golf Course	27,569,900
Deltona Lakes	1806	Deltona Hills Golf Course	143,424,316
Deliona Lakes	1000	Residential Reuse	36,647,460
Florida Central Commerce Park	340	Green space irrigation system	16,331,000
Lehigh	2901	Lehigh Arces North Golf Course	93,665,300
Longi		Lehigh Arces Mirror Lakes Golf Course	45,038,100
		Marco Island Golf Course	102,058,500
		Marco Shores Golf Course	53,205,800
Marco Island	2601	Hideaway Beach Golf Course	88,181,700
		Condo Associations & Residential use	183,853,570
		City of Marco - Medians	959,080
Palm Coast		GrandHaven Golf Course & Residential common areas.	202,495,000
r aim Coast		Hammock Dunes Golf Course & Residential common areas.	406,801,000
Point O Woods	987	Point O' Woods County Club Golf Course	8,246,000
Spring Hill	2701	Timber Pines Golf Course	587,489,500
Spruce Creek CC	1120	Spruce Creek County Club Golf Course	40,318,100
Spruce Creek Preserve	1120	Spruce Creek Preserve Golf Course	23,126,160

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(b)	(e)	(f)
January	0	37,888	19	37,869	37,170
February	0	37,590	16	37,574	28,776
March	0	46,185	16	46,169	37,043
April	0	50,259	18	50,241	48,280
May	0	59,823	16	59,808	49,259
June	0	55,829	16	55,813	59,607
July	0	61,541	15	61,526	56,908
August	0	52,916	16	52,900	53,519
September	0	44,077	16	44,061	48,496
October	0	43,758	21	43,737	44,490
November	0	41,782	23	41,759	40,228
December	0	34,106	15	34,091	37,624
Total for year	0	565,754	206	565,548	541,399

water is purchased for re	ale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
f water is sold to other wat N/A	er utilities for redistribution, list names of such utilities below:	
	er 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	1,400	2,016,000	Deep Well
Well # 2	1,400	2,016,000	Deep Well
			i
		· · · · · · · · · · · · · · · · · · ·	·
		7878 11 MF BALLOY TO BE 10 - 1 - 140 MF TO THE 10 - 140 MA	di d
	*		

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 2,016,000	(Reliable Max Day Capacity)
Location of measurement		
(l.e. WellHead, Storage Tank):	WellHead and/or	Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.)): Chlorination and	Aeration
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
- ' ' ' ' ' '	Manufacture	:
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacture	:
per gallon): N/A		:
- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		

^{*} Wells

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	2,276	2,276
3/4"	Displacement	1.5	73	110
1"	Displacement	2.5	20	50
1 1/2"	Displacement or Turbine	5.0	4	20
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	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	2,376	2,499

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
	342,099,180	2,319	365	404
	*			

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	112	112
3/4"	Displacement	1.5	8	12
1"	Displacement	2.5	54	135
1 1/2"	Displacement or Turbine	5.0	22	110
2"	Displacement, Compound or Turbine	8.0	73	584
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	34	595
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	9	270
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	314	1,943

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A se	eparate page should be supplied w	where necessary.
Present ERC's * that system can efficiently se	erve.	2,319
2. Maximum number of ERCs * which can be se	erved **	2,494
3. Present system connection capacity (in ERCs	s*) using existing lines.	2,393
4. Future connection capacity (in ERCs *) upon s	service area buildout.	2,819
5. Estimated annual increase in ERCs *.	180	
6. Is the utility required to have fire flow capacity	? Yes	
If so, how much capacity is required	? 1000 gpm	
7. Attach a description of the fire fighting facilities	s. See W-14 Exhibit Q-7	
Describe any plans and estimated completion Monitoring well installed 8/9/02	dates for any enlargements or imp	provements of this system.
Third well drilled 11/22/02. Design estimated		1991 S. d. d. S. C.
Aerator Improvement design estimated to be	completed 12/19/03. Construction	า เก 2004.
9. When did the company last file a capacity anal	lysis report with the DEP?	N/A
10. If the present system does not meet the requi	irements of the DEP rules:	N/A
a. Attach a description of the plant upgrade n	necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	?	
c. When will construction begin?		
d. Attach plans for funding the required upgra	ading.	
e. Is this system under any Consent Order w	vith DEP?	
11. Department of Environmental Protection ID #	. 2450022	
12. Water Management District Consumptive Use	e Permit #	50087
a. Is the system in compliance with the requi	irements of the CUP?	Yes,
b. If not, what are the utility's plans to gain o		It should be noted that
withdrawal quantities are dynamic and may fi the permit. Permits are reviewed peridically		· · · · · · · · · · · · · · · · · · ·
water management district.	to ascertain whether modifications	THE TO DE HEL WILL LIE
Tato, Hallagoriott diotiot.		

^{*} 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.

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	2,143	2,143
3/4"	Displacement	1.5	69	104
1"	Displacement	2.5	14	35
1 1/2"	Displacement or Turbine	5.0	4	. 20
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	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	2,310

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

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

Calculations:			Average		
	SFR Gallons Sol	d	Customers	Days	ERC
	101,818,013	•	2,142	365	130
		•	·		

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: AMELIA ISLAND / NASSAU #1518

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	50	50
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	28	70
1 1/2"	Displacement or Turbine	5.0	19	95
2"	Displacement, Compound or Turb	8.0	33	264
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	9	158
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	8	240
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Commercial Wastewater Sys	tem Meter Equiva	lents	948

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page should be supplied where necessary.
Present number of ERC's * now being served.	2,142
Maximum number of ERC's * which can be served. Note: SFR gallons sold is not representative of total ww flow at plant.	7,308 **
3. Present system connection capacity (in ERCs*) using ex	xisting lines. 2,209
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 2,762
5. Estimated annual increase in ERCs* 198	
 Describe any plans and estimate completion dates for an Pond liner rehab finsihed 9/15/2002. 	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. See Exhib	
8. If the utility does not engage in reuse, has a reuse feasib	ility study been completed?
If so, when?	
9. Has the utility been required by DEP or water management	ent district to implement reuse?
If so, what are the utility's plans to comply with	h this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? March-01
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade r b. Have these plans been approved by DEP c. When will construction begin? d. Attach plans for funding the required upgree. Is this system under any Consent Order was a consent of the construction.	necessary to meet the DEP rules. ? ading.
12. Department of Environmental Protection ID #	FLA011688

S-13 21518 SYSTEM 1

^{*} An ERC is determined based on the calculation on S-11

^{***} 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	TO
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	14,172	263	13,909	13,274
February	0	12,241	96	12,145	11,638
March	0	16,314	235	16,079	11,866
April	0	16,030	398	15,632	14,733
May	0	21,414	648	20,766	16,115
June	0	12,244	869	11,375	18,368
July	0	11,804	1,870	9,934	9,710
August	0	10,907	339	10,567	10,628
September	0	11,990	900	11,090	10,124
October	0	15,888	132	15,756	11,309
November	0	12,959	327	12,632	14,120
December	0	11,265	477	10,789	12,088
Total for year	0.	167,229	6,555	160,674	153,973

If water is purchased for re	sale, indicate the following:
Vendor	City of Altamonte Springs
Point of delivery	N/A
	1990 - Consultation to the land of the land
	er utilities for redistribution, list names of such utilities below:
N/A	er utilities for redistribution, list names of such utilities below:
	er utilities for redistribution, list names of such utilities below:
N/A	er utilities for redistribution, list names of such utilities below:
N/A	er 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	!	500	720,000	Deep Well
Well #2		600	864,000	Deep Well
				
			•	
	t		*	

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: APPLE VALLEY / SEMINOLE #332

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

	nt (GPD):	* 720,000	(Reliable Max Day Capacity)

Location of mea	asurement		
(I.e. WellHead, S	Storage Tank):	WellHead and/or Dist	ribution
Type of treatme	ent (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination and Aera	ition
	LIME	TREATMENT	
Unit rating (i.e.,	GPM, pounds		
nor nation).	N/A	Manufacturer:	
рег уаноп):			
per gallon):		TRATION	
· - ·	FIL	TRATION	
per gallon): Type and size of Pressure (in squ	FIL f area:	TRATION Manufacturer:	

^{*} Wells

^{*} Emergency Interconnect with City of Altamonte Springs

SYSTEM NAME / COUNTY: APPLE VALLEY / SEMINOLE #332

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	1,075	1,075
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	2	10
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	00
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	1,087	1,126

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
	144,456,056	1,053	365	376

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	32	32
3/4"	Displacement	1.5	1	22
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalenta	50	128

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: APPLE VALLEY / SEMINOLE #332

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied where	e necessary.	
Present ERC's * that system can efficiently serve.		1,053	
2. Maximum number of ERCs * which can be served	**	958	
3. Present system connection capacity (in ERCs *) us	sing existing lines.	1,368	
4. Future connection capacity (in ERCs *) upon service	uture connection capacity (in ERCs *) upon service area buildout.		
5. Estimated annual increase in ERCs *.	20		
6. Is the utility required to have fire flow capacity?	Yes		
If so, how much capacity is required?	600 gpm		
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7		
Describe any plans and estimated completion date Projects completed 2002: New 130,000 gal ground			
conversion of gas chlorine to liquid sodium hypoch	hlorite, upgraded electrical system	components.	
9. When did the company last file a capacity analysis10. If the present system does not meet the requirement		N/A	
Attach a description of the plant upgrade neces	ssary to meet the DEP rules.		
b. Have these plans been approved by DEP?			
c. When will construction begin?			
d. Attach plans for funding the required upgrading	g.		
e. Is this system under any Consent Order with D	DEP?		
11. Department of Environmental Protection ID #.	3590039		
12. Water Management District Consumptive Use Pe	rmit #	50281	
a. Is the system in compliance with the requirement	ents of the CUP?	Yes,	
 b. If not, what are the utility's plans to gain comp withdrawal quantities are dynamic and may fluctu 		It should be noted that during the duration of	
the permit. Permits are reviewed peridically to as water management district.			

^{*} 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: APPLE VALLEY / SEMINOLE #332

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	160	160
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	_ 5
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	168

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

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

		Average				
FR Gallons Sol	d	Customers	Days	ERC		
10,421,701	ŧ	162	365	176		
		FR Gallons Sold 10,421,701				

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: APPLE VALLEY / SEMINOLE #332

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	23	23
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	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	em Meter Equiva	lents	49

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: APPLE VALLEY / SEMINOLE #332

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page sho	ould be	supplied where necessary.
. Present number of ERC's * now being served.		162	Interconnected
2. Maximum number of ERC's * which can be served. ** Note: SFR gallons sold is not representative of total ww flow at plant.	N/A	,	**
s. Present system connection capacity (in ERCs*) using ex	isting lines.	162	·
. Future connection capacity (in ERCs*) upon service area	a buildout.***	162	
Estimated annual increase in ERCs* 0		<u></u>	
Describe any plans and estimate completion dates for an None			ovements of this system.
. 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 e	end users and the amount
. If the utility does not engage in reuse, has a reuse feasib	ility study been o	omplete	ed? No
If so, when?			
. Has the utility been required by DEP or water manageme	ent district to imp	lement r	reuse? No
If so, what are the utility's plans to comply with	h this requirem	ent?	
When did the company last file a capacity analysis repo	ort with the DEP?	•	N/A
If the present system does not meet the requirements of a. Attach a description of the plant upgrade no. Have these plans been approved by DEP?	necessary to m		
c. When will construction begin?d. Attach plans for funding the required upgrae. Is this system under any Consent Order w			

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: BAY LAKE ESTATES #784

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	487	0	487	492
February	o	435	0	435	407
March	0	567	0	567	440
April	0	684	0	684	529
May	0	804	0	804	557
June	0	458	0	458	683
July	0	444	0	444	419
August	0	459	0	459	416
September	o	444	0	444	384
October	0	567	o	567	398
November	0	501	0	501	489
December	0	421	0	421	423
Total for year	0	6,271	0	6,271	5,639

If water is purchased for re	sale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
	1941	and the second section of the second		
	er utilities for redistribution, list	names of such utilities below:		
N/A				
			•	

	CAPACI OF WEI		GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm		FROM SOURCE	SOURCE
Well #1		275	396,000	Deep Well
			ļ	
				<u> </u>
	*			

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plar	nt (GPD):	* 396	,000	(Peak Hour)
Location of mea	asurement			
(i.e. WellHead, S	Storage Tank):	Wel	lHead and/or Dis	tribution
Type of treatme	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, etc.)	: Chlo	orination	
	1	LIME TREATMI	Ent	
Unit rating (i.e.,	GPM, pounds			
Unit rating (i.e., per gallon):	GPM, pounds N/A	N	Manufacturer:	
	•	FILTRATION		
	N/A			
per gallon):	N/A f area:	FILTRATION		

^{*} Well

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

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
	5,638,660	81	365	191
	•			

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

OTHER WATER SYSTEM INFORMATION

urnish information below for each system. A separa	te page should be supplied whe	ere necessary.
. Present ERC's * that system can efficiently serve.		81
. Maximum number of ERCs * which can be served	519	
. Present system connection capacity (in ERCs *) us	sing existing lines.	100
. Future connection capacity (in ERCs *) upon service	ce area buildout.	100
Estimated annual increase in ERCs *.	0	
Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates A new chemical storage building, driveway and fer	, ,	•
When did the company last file a capacity analysis	report with the DEP?	N/A
If the present system does not meet the requireme	nts of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	sary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading		
e. Is this system under any Consent Order with Di	EP?	
. Department of Environmental Protection ID #.	3490090	
. Water Management District Consumptive Use Per	mit #	49-00959-W
a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain compli		It should be noted that
withdrawal quantities are dynamic and may fluctual the permit. Permits are reviewed peridically to assume water management district.		

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: BEACON HILLS / DUVAL #886

December 31, 2002

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	40,302	82	40,220	44,319
February	0	39,855	60	39,796	36,328
March	0	49,822	190	49,632	45,732
April	0	58,836	207	58,629	55,895
May	0	74,303	286	74,017	71,859
June	0	64,139	477	63,662	74,299
July	0	60,365	301	60,064	54,822
August	0	51,428	227	51,201	53,158
September	0	43,538	91	43,447	47,220
October	0	44,477	48	44,429	41,139
November	0	44,249	59	44,190	43,500
December	0	38,784	68	38,716	40,195
Total for year	0	610,096	2,096	608,000	608,467

If water is purchased for re	esale, indicate the following:
Vendor	United Water
Point of delivery	6" Meter at Cobblestone
If water is sold to other wa	iter 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
Beacon Hills Plant Well # 1	1,500	2,160,000	Deep Well
Beacon Hills Plant Well # 2	1,500	2,160,000	Deep Well
Cobblestone Plant Well # 1	1,500	2,160,000	Deep Well
Cobblestone Plant Well # 2	1,500	2,160,000	Deep Well
		:	
		<u> </u>	
	ŧ		

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):		* 7,776,000	(Reliable Peak Hour)
Location of mea	surement			
(I.e. WellHead, S	itorage Tank):		WellHead and/or [Distribution
Type of treatmen	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, etc,	,):	Chlorination and A	eration
		I IMPE TO	EATMENT	
		CHAIR 1K	EATMENT	
Unit rating (i.e., (CHAIR 1K	EATMENT	
Unit rating (i.e., o		LIWIE IX	Manufacturer:	
	GPM, pounds			
	GPM, pounds N/A		Manufacturer:	
per gallon):	GPM, pounds N/A area:		Manufacturer:	

^{*} High Service

SYSTEM NAME / COUNTY: BEACON HILLS / DUVAL #886

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,247	3,247
3/4"	Displacement	1.5	473	710
1"	Displacement	2.5	51	128
1 1/2"	Displacement or Turbine	5.0	31	155
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	3,804	4,255

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
	565,191,000	3,673	365	422

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	94	94
3/4"	Displacement	1.5	3	. 5
1"	Displacement	2.5	10	25
1 1/2"	Displacement or Turbine	5.0	7	35
2"	Displacement, Compound or Turbine	8.0	16	128
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	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	130	287

OTHER WATER SYSTEM INFORMATION

Present ERC's * that system can efficiently serve		3,673
Maximum number of ERCs * which can be served	** t	4,611
Present system connection capacity (in ERCs *) u	using existing lines.	4,070
Future connection capacity (in ERCs *) upon serv	ice area buildout.	4,206
Estimated annual increase in ERCs *.	98	
Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	1500 gpm	
Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date Distribution system improvements completed 8/2:	, ,	•
7/9/02. Design for a new GST, yard piping and hig Construction to be completed in 2004.	gh service pumps estimated t	to be completed 5/30/03.
When did the company last file a capacity analysis	report with the DEP?	N/A
If the present system does not meet the requirem	ents of the DEP rules;	N/A
a. Attach a description of the plant upgrade nece	ssary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading	g.	
e. Is this system under any Consent Order with D	DEP?	
. Department of Environmental Protection ID #.	2160064	
. Water Management District Consumptive Use Pe	ermit #	49
	ents of the CUP?	In modification
a. Is the system in compliance with the requirem		
a. Is the system in compliance with the requirem b. If not, what are the utility's plans to gain comp	liance?	****

^{*} 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.

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	3,167	3,167
3/4"	Displacement	1.5	464	696
1"	Displacement	2.5	41	103
1 1/2"	Displacement or Turbine	5.0	29	. 145
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
•	Total Residential Wastewater Syst	em Meter Equival	ents	4,111

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.

ERC
166

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: BEACON HILLS / DUVAL #886

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	74	74
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turb	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	183

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: BEACON HILLS / DUVAL #886

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

		1	1
Permitted Capacity (gpd)	836,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DAVCO	AND THE RESERVE OF THE PERSON	
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	1,300,000		
Average Daily Flow (mgd)	0.722	(Average of Max Month)	
Total Gallons of WW Treated (mg)	226.682		
Method of Effluent Disposal	St. John's River		,

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page should be supplied where necessary.
Present number of ERC's * now being served.	3,594
2. Maximum number of ERC's * which can be served.	5,036 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using ex	xisting lines. 4,029
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 4,102
5. Estimated annual increase in ERCs* 52	
Describe any plans and estimate completion dates for an Collection system rehab - July 2002. Disinfection of the control	
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? August, 1993	mity study been completed?
9. Has the utility been required by DEP or water management	ent district to implement reuse?
If so, what are the utility's plans to comply with	h this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? November-01
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade of 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 we	necessary to meet the DEP rules. ? ading.
12. Department of Environmental Protection ID #	FL0026778
	

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: BEECHER'S POINT / PUTNAM #472

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	436	0	0	436	380
February	446	0.	0	446	345
March	616	0	. 4	613	515
April	567	0	70	497	491
May	544	0	0	544	448
June	408	0	0	408	489
July	449	0	0	449	400
August	541	0	0	541	416
September	625	0	0	625	582
October	507	0	0	507	501
November	479	0	o	479	462
December	705	0	0	705	551
Total for year	6,323	0	74	6,250	5,581

f water is purchased for re	sale, indicate the following:
Vendor	Town of Welaka
Point of delivery	6 inch Rockwell Meter @ 400 Front Street
f water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
I/A	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with town of Welaka			,
		4.54.4	
			1
		on aparticular de la companya de la	•
	:	,	
	· ·	10182-7	1
*			!

SYSTEM NAME / COUNTY: BEECHER'S POINT / PUTNAM #472

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	it (GPD):		N/A	
Location of mea	surement			
(l.e. WellHead, S	torage Tank):		N/A	
Type of treatme	nt (reverse osmosi	s,		
(sedimentation,	chemical, aerated,	etc,):	N/A	
		LIME TRI	EATMENT	
Unit rating (i.e.,	GPM, pounds			
Unit rating (i.e., o	GP M, pounds N/A		Manufacturer:	
	•	FILTR	Manufacturer:	
	N/A	FILTR		
per gallon):	N/A area:	FILTR N/A		

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	47	47
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	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	49	80

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
	2,295,640	47	365	134
	*			

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	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
Total	al Commercial Water System Meter Equ	ivalenta	3	24

OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. A separate	e page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		47
2.	Maximum number of ERCs * which can be served *	ı ∗	N/A
3.	Present system connection capacity (in ERCs *) using	ing existing lines.	94
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	97
5.	Estimated annual increase in ERCs *.	7	
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	
8.	Describe any plans and estimated completion dates None	for any enlargements or improve	ements of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requiremen	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	***
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	P?	
11.	Department of Environmental Protection ID #.	2540070	
12.	Water Management District Consumptive Use Perm	nit #	N/A
	a. Is the system in compliance with the requiremen	nts of the CUP?	
	b. If not, what are the utility's plans to gain complia	ince?	

^{*} 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: BEECHER'S POINT / PUTNAM #472

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	19	19
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	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
	Total Residential Wastewater Syst	em Meter Equival	ents	49

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

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

R Gallons Sold		Customers	Days	ERC
545,965	t	16	365	93
				•

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: BEECHER'S POINT / PUTNAM #472

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	C
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3"	Turbine	17.5	0	C
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	0	C
6"	Displacement or Compound	50.0	0	C
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
٦	Fotal Commercial Wastewater Syst	tem Meter Equival	ents	0

SYSTEM NAME / COUNTY: BEECHER'S POINT / PUTNAM #472

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate 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.

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	rate page should be supplied where necessary.
Present number of ERC's * now being served.	16 Interconnected
2. Maximum number of ERC's * which can be served. ** Note: SFR gallons sold is not representative of total ww flow at plant. 3. Present system connection capacity (in ERCs*) using exist.	N/A **
Future connection capacity (in ERCs*) upon service area	•
5. Estimated annual increase in ERCs* 0	
 Describe any plans and estimate completion dates for any Projects completed in 2002: Interconnection to Town existing wastewater plant. 	
If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A	tach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibil	ity study been completed? No
9. Has the utility been required by DEP or water management of so, what are the utility's plans to comply with	
10. When did the company last file a capacity analysis repor	t with the DEP? N/A
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP?c. When will construction begin?d. Attach plans for funding the required upgrade	ecessary to meet the DEP rules.
e. Is this system under any Consent Order with 12. Department of Environmental Protection ID #	Interconnected

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: BUENAVENTURA LAKES / OSCEOLA #785

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	59,317	202	59,115	51,394
February	0	53,387	179	53,208	52,475
March	0	64,610	. 65	64,545	56,846
April	0	69,869	54	69,815	61,745
May	0	76,120	57	76,063	66,573
June	0	56,575	58	56,517	71,456
July	0	57,135	56	57,079	52,877
August	0	59,819	127	59,692	54,263
September	0	56,702	6	56,696	54,919
October	0	65,140	78	65,062	57,849
November	0	61,002	69	60,933	60,266
December	0	57,733	69	57,664	58,725
Total for year	0	737,409	1,022	736,387	699,389

If water is purchased for re	sale, indicate the followin	g:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wat	er utilities for redistribution	on, list names of such t	utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	2,000	2,880,000	Deep Well
Well #2	2,500	3,600,000	Deep Well
	: 		
		·	
		<u> </u>	i
•			1

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 2,880,000	(Reliable Max Day Capacity)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, et	c,):	Chlorination and A	eration
	LIME TR	REATMENT	
Unit rating (i.e., GPM, pounds	LIME TR	REATMENT	
- · · · · · · · · · · · · · · · · · · ·	LIME TR	Manufacturer:	
Unit rating (i.e., GPM, pounds per gallon): N/A			
per gallon): N/A		Manufacturer:	
- · · · · · · · · · · · · · · · · · · ·		Manufacturer:	

^{*} Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	10,169	10,169
3/4"	Displacement	1.5	1	. 2
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	19	152
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	10,195	10,340

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
	568,555,871	7,890	365	197
	ŧ			

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	128	128
3/4"	Displacement	1.5	6	. 9
1"	Displacement	2.5	35	88
1 1/2"	Displacement or Turbine	5.0	14	70
2"	Displacement, Compound or Turbine	8.0	47	376
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	8	140
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	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalente	240	903

OTHER WATER SYSTEM INFORMATION

Fu	urnish information below for each system. A separate	e page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		7,890
2.	Maximum number of ERCs * which can be served *	r k	7,294
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	8,575
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	8,912
5.	Estimated annual increase in ERCs *.	135	
6.	Is the utility required to have fire flow capacity?	Yes	
	If so, how much capacity is required?	2500 gpm	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates None	for any enlargements or improve	ements of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	EP?	
11.	Department of Environmental Protection ID #.	3490184	
12.	Water Management District Consumptive Use Perm	nit #	49-00002-W
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia		It should be noted that
	withdrawal quantities are dynamic and may fluctuat		
	the permit. Permits are reviewed peridically to ascu	ertain whether modifications nee	d to be filed with the
	water management district.		

^{*} 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.

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	7,970	7,970
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	en ts	7,970

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.

					s:	Calculations:
ERC	Days	ld	ns Sol	SFR Gallons S	S	
141	365		1,369	402,661,369		
	365		1,369	402,661,369		

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: BUENAVENTURA LAKE / OSCEOLA #785

YEAR OF REPORT December 31, 2002

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	106	106
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	16	40
1 1/2"	Displacement or Turbine	5.0	8	. 40
2"	Displacement, Compound or Turb	8.0	14	112
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	3	53
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	452

SYSTEM NAME / COUNTY: BUENAVENTURA LAKE / OSCEOLA #785

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

		r	
Permitted Capacity (gpd)	1,800,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Marolf		
Type (2)	Bardenpho process		
Hydraulic Capacity (gpd)	1,800,000	-	
Average Daily Flow (mgd)	1.991	(Average of Max Month)	
Total Gallons of WW Treated (mg)	600.819		
Method of Effluent Disposal	Wetlands, Public acc	cess reuse, REBs & 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: BUENAVENTURA LAKE / OSCEOLA #785

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page should be supplied where necessary.
Present number of ERC's * now being served.	7,848
2. Maximum number of ERC's * which can be served.	12,766 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using ex	xisting lines. 8,413
4. Future connection capacity (in ERCs*) upon service are	a buildout.*** 9,784
5. Estimated annual increase in ERCs* 128	
6. Describe any plans and estimate completion dates for a Projects completed 2002: Collection system rehab WWTP modifications 8/31/02. Generator at LS 15 completed 2003: Interconnect reuse system with 6	ilitation 11/31/02, lift station upgrades 6/30/02, completed 1/4/02, Projects started 2002 and
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. See Exhi	
8. If the utility does not engage in reuse, has a reuse feasit	pility study been completed?
If so, when?	
9. 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? October-01
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade of b. Have these plans been approved by DEP of the c. When will construction begin?	necessary to meet the DEP rules. ?
d. Attach plans for funding the required upgr	ading
e. Is this system under any Consent Order w	
12. Department of Environmental Protection ID #	FL0039446-002

S-13 20785 SYSTEM 1

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a) January	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)	PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)]	WATER SOLD TO CUSTOMERS (Omit 000's)
February	0	11,116	568	(e)	(f)
March	0	11,029	937	10,548	9,43
i +	0	13,267		10,093	9,40
April	0	11,833	2,130	11,137	9,77
May	0	10,035	93	11,740	11,88
June		7,414	32	10,002	
July	0	7,065	48	7,366	11,251
August	0		1,256	5,809	8,881
September	0	7,127	1,523	5,604	5,681
October	0	7,612	1,286	6,326	5,585
November	0	9,312	2,274	7,038	5,170
December	0	10,038	1,041	8,996	6,287
		10,455	227	10,228	7,769
Total for year	o	116,302	11,415	104,887	9,325

Vendor Point of delivery	resale, indicate the following: N/A N/A	
lf water is sold to other wa Charlotte County - Pirates	iter utilities for redistribution, list names of such utilities belo Harbour	w :

List for each source of supply: Well #7	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF
Well #8	250		
Well #9	250		Deep Well
VVCII #9	250	360,000	Deep Well
	250	360,000	Deep Well

SYSTEM NAME / COUNTY: BURNT STORE / CHARLOTTE #2202

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant ((GPD):	* 880,000	(Max Day Capacity)
Location of measu	ırement		
(I.e. WellHead, Sto	rage Tank):	WellHead and/or D	istribution
Type of treatment	(reverse osmosis,		
(sedimentation, ch	emical, aerated, etc,):	Reverse Osmosis I	Membranes
	LIME	TREATMENT	
Unit rating (i.e., GF	PM, pounds		
Unit rating (i.e., GF per gallon):	PM, pounds N/A	Manufacturer:	
	N/A	Manufacturer:	
	N/A FI		
per gallon):	N/A Fi rea:	LTRATION	

^{*} Wells/RO Membranes

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	1,483	1,483
3/4"	Displacement	1.5	1	. 2
1"	Displacement	2.5	33	83
1 1/2"	Displacement or Turbine	5.0	17	85
2"	Displacement, Compound or Turbine	8.0	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	1,543	1,734

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		
ļ	SFR Gallons Sold	Customers	Days	ERC
	63,744,011	1,487	365	117
	*			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(a)	(0)	(6)	**	(0)
5/8"	Displacement	1.0	23	23
3/4"	Displacement	1.5	1	. 2
1"	Displacement	2.5	15	38
1 1/2"	Displacement or Turbine	5.0	10	50
2"	Displacement, Compound or Turbine	8.0	17	136
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot:	al Commercial Water System Meter Equ	ivalente	69	313

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: BURNT STORE / CHARLOTTE #2202

OTHER WATER SYSTEM INFORMATION

Present ERC's * that system can efficiently serve. Maximum number of ERCs * which can be served *' Present system connection capacity (in ERCs *) usin Future connection capacity (in ERCs *) upon service Estimated annual increase in ERCs *. Is the utility required to have fire flow capacity?	ng existing lines.	1,487 3,746 1,532
Present system connection capacity (in ERCs *) using Future connection capacity (in ERCs *) upon services Estimated annual increase in ERCs *.	ng existing lines.	1,532
Future connection capacity (in ERCs *) upon service Estimated annual increase in ERCs *.		
Estimated annual increase in ERCs *.	e area buildout.	5 277
		5,377
Is the utility required to have fire flow canacity?	335	
is the utility required to have his how capacity:	Yes	
If so, how much capacity is required?	1250 gpm	
Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion dates Projects completed 2002: Started operation of the n Projects scheduled for 2003: Retubing of deep inject	new RO WTP;	American Control of the Control of t
When did the company last file a capacity analysis re If the present system does not meet the requirement a. Attach a description of the plant upgrade necess	nts of the DEP rules:	N/A
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DE	EP?	
Department of Environmental Protection ID #.	5080318	
Water Management District Consumptive Use Pern	mit #	203522.05
a. Is the system in compliance with the requirement	nts of the CUP?	Yes,
 b. If not, what are the utility's plans to gain complie withdrawal quantities are dynamic and may fluctua 		It should be noted that ties during the duration of
the permit. Permits are reviewed peridically to asc water management district.	certain whether modification	s need to be filed with the

^{*} 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.

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	1,272	1,272
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	33	83
1 1/2"	Displacement or Turbine	5.0	16	. 80
2"	Displacement, Compound or Turb	8.0	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
•	Total Residential Wastewater Syst	em Meter Equival	ents	1,518

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 Gailons Sold	Customers	Days	ERC
	44,784,022 *	1,256	365	98
	44,704,022	1,230	303	90

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: BURNT STORE / CHARLOTTE #2202

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	13	13	
3/4"	Displacement	1.5	0	O	
1"	Displacement	2.5	2	5	
1 1/2"	Displacement or Turbine	5.0	3	- 15	
2"	Displacement, Compound or Turb	8.0	7	56	
3"	Displacement	15.0	0	0	
3"	Compound	16.0	0	0	
3"	Turbine	17.5	1	18	
4"	Displacement or Compound	25.0	0	0	
4"	Turbine	30	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	
7	Total Commercial Wastewater System Meter Equivalents				

SYSTEM NAME / COUNTY: BURNT STORE / CHARLOTTE #2202

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

250,000		
M3MADF	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
DAVCO	•••	
Extended Aeration		
250,000		
0.251	(Average of Max Month)	
74.196		
Percolation Ponds		*
	M3MADF DAVCO Extended Aeration 250,000 0.251 74.196	DAVCO Extended Aeration 250,000 0.251 (Average of Max Month) 74.196

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

SYSTEM NAME / COUNTY: BURNT STORE / CHARLOTTE #2202

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

	Furnish information below for each system. A separate page sh	ould be supplied where necessary.
1.	Present number of ERC's * now being served.	1,256
2.	. Maximum number of ERC's * which can be served. 2,180	**
	** Note: SFR gallons sold is not representative of total ww flow at plant.	
3.	Present system connection capacity (in ERCs*) using existing lines.	1,858
4.	Future connection capacity (in ERCs*) upon service area buildout.***	6,910
5.	Estimated annual increase in ERCs* 171	
6.	Describe any plans and estimate completion dates for any enlargements Projects completed 2002: New force main for lift station 16-16, smoke test Projects started in 2002 and completed in 2003: Expansion of WWTP to to commercial flower farm. Q. 11 Added 2 perc ponds and reuse system	st collection system. 0.5 MGD, implement reuse
	If the utility uses reuse as a means of effluent disposal, attach a list of the of reuse provided to each, if known. N/A	
8.	If the utility does not engage in reuse, has a reuse feasibility study been If so, when? July, 2000	completed? Yes
9.	Has the utility been required by DEP or water management district to imp	plement reuse? No
	If so, what are the utility's plans to comply with this requirem	nent?
10	When did the company last file a capacity analysis report with the DEP	? July-00
1	1. If the present system does not meet the requirements of DEP rules: a. Attach a description of the plant upgrade necessary to m b. Have these plans been approved by DEP? Yes c. When will construction begin? 11/02 and will be comp d. Attach plans for funding the required upgrading. 02 e. Is this system under any Consent Order with DEP?	
1	Department of Environmental Protection ID # FLA014083	

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: CARLTON VILLAGE / LAKE #555

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	(5)	1,165		1,165	1,293
February	0	1,067	80	987	1,102
March	0	1,451	. 320	1,132	960
April	0	1,629	80	1,549	1,518
May	0	2,195	719	1,476	1,485
June	0	1,339	0	1,339	1,971
July	0	1,348	159	1,188	1,288
August	0	1,150	320	830	1,095
September	0	1,272	0	1,272	1,149
October	0	1,352	0	1,352	1,259
November	0	1,175	0	1,175	1,090
December	0	1,061	0	1,061	1,226
Total for year	. 0	16,203	1,678	14,525	15,436

If water is purchased for resal	e, indicate the followir	ng:			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other water	utilities for redistribution	on, list names of	such utilities bel	ow:	
N/A					

	CAPACITY	'	GALLONS	
	OF WELL	- 1	PER DAY	TYPE OF
List for each source of supply:	gpm		FROM SOURCE	SOURCE
Well #1	2	00	288,000	Deep Well
Well # 2	2	00	288,000	Deep Well
			•	<u> </u>
				·
			<u> </u>	<u> </u>
	-····		,	
				:

SYSTEM NAME / COUNTY: CARLTON VILLAGE / LAKE #555

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 288,000	(Reliable Peak Hour)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatment (reverse osmos	sis,		
(sedimentation, chemical, aerated	i, etc,):	Chlorination	The state of the s
	LIME TR	EATMENT	
Unit rating (i.e., GPM, pounds	LIME TR	EATMENT	
Unit rating (i.e., GPM, pounds per gallon): N/A	LIME TR	EATMENT Manufacturer	;
* '			:
* '		Manufacturer	;
per gallon): N/A		Manufacturer	

^{*} Wells

SYSTEM NAME / COUNTY: CARLTON VILLAGE / LAKE #555

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	197	197
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
Tot	al Residential Water System Meter Equi	ivalents	198	205

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
	15,423,451	188	365	225

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

OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. A separate	page should be supplied where n	ecessary.
1.	Present ERC's * that system can efficiently serve.		188
2.	Maximum number of ERCs * which can be served **		320
3.	Present system connection capacity (in ERCs *) usin	g existing lines.	348
4.	Future connection capacity (in ERCs *) upon service	area buildout.	618
5.	Estimated annual increase in ERCs *.	2	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates for None	or any enlargements or improvem	ents of this system.
9.	When did the company last file a capacity analysis re	port with the DEP?	N/A
10.	If the present system does not meet the requirement	s of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necessar	ry to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DEF	9?	
11.	Department of Environmental Protection ID #.	3350152	
12.	Water Management District Consumptive Use Permi	t #	2605
	a. Is the system in compliance with the requirement	s of the CUP?	Yes,
	b. If not, what are the utility's plans to gain compliar withdrawal quantities are dynamic and may fluctuate		It should be noted that
	the permit. Permits are reviewed peridically to asce	rtain whether modifications need	to be filed with the
	water management district.		Annual Control of the

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, "	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	5,165	1,816	3,348	4,820
February	0	4,610	1,819	2,791	4,058
March	0	5,452	957	4,495	4,790
April	0	5,801	492	5,309	5,224
May	0	7,226	4	7,223	5,927
June	0	6,441	3	6,438	6,106
July	0	5,699	7	5,692	5,055
August	0	5,746	1	5,745	5,622
September	0	6,036	9	6,027	5,192
October	0	6,659	8	6,651	5,844
November	0	6,074	5	6,069	5,032
December	0	5,664	261	5,403	4,878
Total for year	o	70,572	5,381	65,191	62,549

If water is ourchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	ter utilities for redistribution, li	ist names of such utilitie:	s below:	
N/A				
- - -				
l				

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	300	432,000	Deep Well
Well # 2	 500	720,000	Deep Well
Well # 3	 500	720,000	Deep Well
		4	1
	 		4

SYSTEM NAME / COUNTY: CHULUOTA / SEMINOLE #335

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	t (GPD):	* 2,088,000	(Reliable Peak Hour)
Location of meas	surement		en e
(I.e. WellHead, St	torage Tank):	WellHead ar	nd/or Distribution
Type of treatmen	t (reverse osmosis,		
(sedimentation, o	chemical, aerated, etc.)	: Chlorination	and Aeration
		LIME TREATMENT	
		CIME INCATMENT	
Unit rating (i.e., C		CIME TREATMENT	
Unit rating (i.e., C		Manufac	turer:
	SPM, pounds		turer:
	GP M, pounds N/A	Manufac	turer:
per gallon):	SPM, pounds N/A area:	Manufac	

^{*} 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	844	844
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	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	00
8"	Turbine	90.0	0	00
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	850	865

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
	58,449,322	799	365	200
				•
	ŧ			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	4	4
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 Turbine	8.0	6	48
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	00
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	14	77

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: CHULUOTA / SEMINOLE #335

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.					
Present ERC's * that system can efficiently serve.		799			
2. Maximum number of ERCs * which can be served **		2,605			
. Present system connection capacity (in ERCs *) using existing lines.		1,868			
4. Future connection capacity (in ERCs *) upon service	e area buildout.	2,546			
5. Estimated annual increase in ERCs *.	72				
6. Is the utility required to have fire flow capacity?	Yes				
If so, how much capacity is required?	600 gpm				
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7				
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects estimated to be completed 3/28/03: Construct 300,000 gal ground storage tank, install third 1,000 gpm high service pump, convert gas chlorine to liquid sodium hypochlorite. Estimated completion 12/19/03: Monitoring wells and Well #5					
9. When did the company last file a capacity analysis r	report with the DEP?	N/A			
). If the present system does not meet the requirements of the DEP rules:		N/A			
a. Attach a description of the plant upgrade neces:	sary to meet the DEP rules.				
b. Have these plans been approved by DEP?					
c. When will construction begin?					
d. Attach plans for funding the required upgrading.					
e. Is this system under any Consent Order with DEP?					
Department of Environmental Protection ID #. 3590186					
12. Water Management District Consumptive Use Peri	mit#	8362			
a. Is the system in compliance with the requireme	ints of the CUP?	Yes,			
b. If not, what are the utility's plans to gain compli		it should be noted that			
withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of					
the permit. Permits are reviewed peridically to ascertain whether modifications need to be filed with the					
water management district.		4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1			

^{*} 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.

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	212	212
3/4"	Displacement	1.5	0	O
1"	Displacement	2.5	0	C
1 1/2"	Displacement or Turbine	5.0	0	_ C
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	212

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

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

		Average		
FR Gallons Sol	d	Customers	Days	ERC
8,054,590	•	174	365	127
		FR Gallons Sold 8,054,590		

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: CHULUOTA / SEMINOLE #335

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
7	Fotal Commercial Wastewater Syst	tem Meter Equiva	lents	0

SYSTEM NAME / COUNTY: CHULUOTA / SEMINOLE #335

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	1		1
Permitted Capacity (gpd)	100,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Custom Made		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	100,000		
Average Daily Flow (mgd)	0.090	(Average of Max Month)	
Total Gallons of WW Treated (mg)	14.294		
Method of Effluent Disposal	Spray Irrigation		,

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	174
Maximum number of ERC's * which can be served. ** Note: SFR gallons sold is not representative of total ww flow at plant.	787 **
Present system connection capacity (in ERCs*) using exit	isting lines. 302
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 1,231
5. Estimated annual increase in ERCs* 45	
Describe any plans and estimate completion dates for any Projects completed in 2002: Rehabilitate portions o	
7. If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A	ttach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibi	lity study been completed? No
If so, when?	
9. Has the utility been required by DEP or water manageme	nt district to implement reuse?
If so, what are the utility's plans to comply with	this requirement?
10. When did the company last file a capacity analysis repo	rt with the DEP? January-02
 11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrade. Is this system under any Consent Order with the construction of the plant upgrade. 	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA011076

^{*} An ERC is determined based on the calculation on S-11

^{***} 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	2,287	222	2,064	2,310
February	0	1,952	190	1,762	1,778
March	0	2,409	. 133	2,276	1,804
April	0	2,578	72	2,506	2,202
May	0	3,385	20	3,365	2,645
June	0	2,278	23	2,255	2,891
July	0	2,028	44	1,984	1,961
August	0	2,074	53	2,020	1,861
September	0	1,968	57	1,911	1,807
October	0	2,144	1	2,142	1,754
November	0	2,084	4	2,081	2,067
December	0	2,134	22	2,112	1,892
Total for year	0	27,319	842	26,477	24,972

If water is purchased for re	sale, indicate the following	:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wat	er utilities for redistribution	ı, list names of suc	h utilities below:	
N/A				

List for each source of supply:		CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1		148		Deep Well
Well # 2		137	197,280	Deep Well
			:	
			to a second and the s	
	······································			<u> </u>
	•		y	

SYSTEM NAME / COUNTY: CITRUS PARK / MARION #1117

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 197,280	(Reliable Peak Hour)

Location of measurement		
(I.e. WeliHead, Storage Tank):	WellHead and/or Di	stribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination	
LIN	E TREATMENT	
Unit rating (i.e., GPM, pounds		
• • • • • • • • • • • • • • • • • • • •	Manufacturer:	
per gallon): N/A	Manufacturer:	
per gallon): N/A		
per gallon): N/A Type and size of area:		

^{*} Wells

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: CITRUS PARK / MARION #1117

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separat	e page should be supplied where	necessary.		
Present ERC's * that system can efficiently serve.		333		
2. Maximum number of ERCs * which can be served *	Maximum number of ERCs * which can be served **			
3. Present system connection capacity (in ERCs *) us	Present system connection capacity (in ERCs *) using existing lines.			
4. Future connection capacity (in ERCs *) upon service	339			
5. Estimated annual increase in ERCs *.	7			
Is the utility required to have fire flow capacity? If so, how much capacity is required?	No			
7. Attach a description of the fire fighting facilities.	N/A			
Describe any plans and estimated completion dates None	for any enlargements or improve	ements of this system.		
9. When did the company last file a capacity analysis r	report with the DEP?	N/A		
0. If the present system does not meet the requireme	nts of the DEP rules:	N/A		
a. Attach a description of the plant upgrade neces	sary to meet the DEP rules.			
b. Have these plans been approved by DEP?				
c. When will construction begin?				
d. Attach plans for funding the required upgrading				
e. Is this system under any Consent Order with D	EP?			
11. Department of Environmental Protection ID #.	3420119			
12. Water Management District Consumptive Use Per	mit#	3119		
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 flucture 		It should be noted that uring the duration of		
the permit. Permits are reviewed peridically to as water management district.				

^{*} 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.

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	270	270
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	270

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
11,312,116		256	365	121
			SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: CITRUS PARK / MARION #1117

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	2	2
3/4"	Displacement	1.5	0	(
1"	Displacement	2.5	0	(
1 1/2"	Displacement or Turbine	5.0	0	. (
2"	Displacement, Compound or Turb	8.0	0	(
3"	Displacement	15.0	0	(
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	C
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	0	C
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Total Commercial Wastewater Syst	em Meter Equival	ents	2

SYSTEM NAME / COUNTY: CITRUS PARK / MARION #1117

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	64,000		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	DAVCO		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	64,000		
Average Daily Flow (mgd)	0.071	(Average of Max Month)	
Total Gallons of WW Treated (mg)	15.636		
Method of Effluent Disposal	Ponds & Spray Irriga	ation	

⁽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: CITRUS PARK / MARION #1117

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Present number of ERC's * now being served.	256
2. Maximum number of ERC's * which can be served.	441 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using ex	xisting lines. 265
Future connection capacity (in ERCs*) upon service area	a buildout.*** 265
5. Estimated annual increase in ERCs* 7	
Describe any plans and estimate completion dates for an None.	ny enlargements or improvements of this system
7. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibi	
If so, when?	
If so, when? Has the utility been required by DEP or water manageme	ent district to implement reuse? No
9. Has the utility been required by DEP or water manageme	
9. Has the utility been required by DEP or water manageme	h this requirement?
Has the utility been required by DEP or water manageme If so, what are the utility's plans to comply with	ort with the DEP?
Has the utility been required by DEP or water manageme If so, what are the utility's plans to comply with Under the utility's plans to comply with	ort with the DEP? February-00 of DEP rules: N/A
Has the utility been required by DEP or water manageme of so, what are the utility's plans to comply with the wide of the company last file a capacity analysis repout 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?	ort with the DEP? February-00 of DEP rules: N/A necessary to meet the DEP rules.
If so, what are the utility's plans to comply with When did the company last file a capacity analysis repo It. If the present system does not meet the requirements o a. Attach a description of the plant upgrade n b. Have these plans been approved by DEP? c. When will construction begin?	ort with the DEP? February-00 of DEP rules: N/A necessary to meet the DEP rules. ?
If so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, what are the utility's plans to comply with the so, when system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgradents.	ort with the DEP? February-00 of DEP rules: N/A necessary to meet the DEP rules. ?
Has the utility been required by DEP or water manageme of so, what are the utility's plans to comply with the company last file a capacity analysis repo Have these plans been approved by DEP? When will construction begin?	ort with the DEP? February-00 of DEP rules: N/A necessary to meet the DEP rules. ?

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: DEEP CREEK / CHARLOTTE #2201

PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE	FINISHED WATER PUMPED FROM WELLS	FOR LINE FLUSHING, FIGHTING FIRES, ETC.	TOTAL WATER PUMPED AND PURCHASED (Omit 000's)	WATER SOLD TO CUSTOMERS (Omit 000's)
MONTH	(Omit 000's)	(Omit 000's)		[(b)+(c)-(d)]	•
(a)	(b)	(c)	(d)	(e)	<u>(f)</u>
January	23,494	0	235	23,259	21,965
February	22,539	0	0	22,539	19,207
March	26,381	0	.327	26,054	23,104
April	24,331	0	900	23,431	22,375
May	24,479	0	536	23,943	24,514
June	19,817	0	432	19,385	22,400
July	19,426	0	332	19,094	18,008
August	20,751	0	319	20,432	17,642
September	20,686	0	794	19,892	17,181
October	23,279	0	354	22,925	18,173
November	23,406	0	500	22,906	20,593
December	23,185	0	0	23,185	20,263
Total for year	271,774	0	4,730	267,044	245,424

r water is purchased for re	esale, indicate the following:
Vendor	Peace River/Manasota Regional Water Supply Authority
Point of delivery	10" Badger Meter
f water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
water is sold to other wat	ter dunities for redistribution, list traines of such dunities below.
1/4	
N/A	
I/A	
N/A	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Purchased from Charlotte County Utilities			
			,,
The state of the s		-,···-	
A A A A A A A A A A A A A A A A A A A		· · · · · · · · · · · · · · · · · · ·	1
		· · · · · · · · · · · · · · · · · · ·	
			A \$ MANUAL PROPERTY.
*			:

SYSTEM NAME / COUNTY: DEEP CREEK / CHARLOTTE #2201

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	t (GPD):		N/A	·
Location of mea	surement		•	
(I.e. WellHead, S	torage Tank):		N/A	
Type of treatmen	nt (reverse osmosis	,		
(sedimentation,	chemical, aerated, (etc,):	N/A	
		LIME TRE	EATMENT	
Unit rating (i.e.,	GPM, pounds			
Unit rating (i.e., per gallon):	GP M, pounds N/A		Manufacturer:	
	•	FILTRA		
	N/A	FILTRA		
per gallon):	N/A area:	FILTRA		

SYSTEM NAME / COUNTY: DEEP CREEK / CHARLOTTE #2201

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

NETER 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	3,530	3,530
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	56	140
1 1/2"	Displacement or Turbine	5.0	24	120
2"	Displacement, Compound or Turbine	8.0	13	104
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	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	3,626	3,960

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
	201,988,150	3,483	365	159
1	t			

SYSTEM NAME / COUNTY: DEEP CREEK / CHARLOTTE #2201

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	28	28
3/4"	Displacement	1.5	0	0
1"	Displacement	2,5	9	23
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	6	48
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	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	1	90
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	50	276

OTHER WATER SYSTEM INFORMATION

Ft	urnish information below for each system. A separate	e page should be supplied when	e necessary.
1.	Present ERC's * that system can efficiently serve.		3,483
2.	Maximum number of ERCs * which can be served *	*	N/A
3.	Present system connection capacity (in ERCs *) using	ng existing lines.	3,820
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	8,223
5.	Estimated annual increase in ERCs *.	59	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None.	for any enlargements or improv	rements of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requiremen	its of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	P?	
11.	Department of Environmental Protection ID #.	5080072	
12.	Water Management District Consumptive Use Perm	nit#	N/A
	a. Is the system in compliance with the requiremen	nts of the CUP?	
	b. If not, what are the utility's plans to gain complia	ince?	

^{*} 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.

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	3,607	3,607
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	57	143
1 1/2"	Displacement or Turbine	5.0	24	. 120
2"	Displacement, Compound or Turb	8.0	13	104
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3"	Turbine	17.5	0	C
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	4,039

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
	166,046,130	3,501	365	130
		,		

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	20	20			
3/4"	Displacement	1.5	0	0			
1"	Displacement	2.5	7	18			
1 1/2"	Displacement or Turbine	5.0	5	. 25			
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	1	18			
4"	Displacement or Compound	25.0	0	0			
4"	Turbine	30	0	0			
6"	Displacement or Compound	50.0	0	0			
6"	Turbine	62.5	2	125			
8"	Compound	80.0	0	0			
8"	Turbine	90.0	1	90			
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						

SYSTEM NAME / COUNTY: DEEP CREEK / CHARLOTTE # 2201

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

. Present number of ERC's * now being served.	3,501	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
 Note: SFR gallons sold is not representative of total ww flow at plant. Present system connection capacity (in ERCs*) using exis 	iting lines. 3,9	36 .
. Future connection capacity (in ERCs*) upon service area b	ouildout.*** 8,0	48
. Estimated annual increase in ERCs* 29		
Describe any plans and estimate completion dates for any None	enlargements or imp	provements of this system.
. If the utility uses reuse as a means of effluent disposal, atta	ach a list of the reus	e end users and the amount
of reuse provided to each, if known.		
	ty study been compl	
	ty study been compl	
. If the utility does not engage in reuse, has a reuse feasibilit		eted? <u>No</u>
lf the utility does not engage in reuse, has a reuse feasibilit	t district to implemer	eted? <u>No</u>
If the utility does not engage in reuse, has a reuse feasibilit If so, when? Has the utility been required by DEP or water management	t district to implemer this requirement?	eted? <u>No</u>
If the utility does not engage in reuse, has a reuse feasibility If so, when? Has the utility been required by DEP or water management If so, what are the utility's plans to comply with the solution. When did the company last file a capacity analysis report If the present system does not meet the requirements of	t district to implement this requirement? with the DEP?	eted? No It reuse? No N/A
If the utility does not engage in reuse, has a reuse feasibilit If so, when? Has the utility been required by DEP or water management If so, what are the utility's plans to comply with the solution of the plant upgrade net a. Attach a description of the plant upgrade net b. Have these plans been approved by DEP?	t district to implement this requirement? with the DEP? DEP rules:	eted? No It reuse? No N/A
If the utility does not engage in reuse, has a reuse feasibility If so, when? Has the utility been required by DEP or water management If so, what are the utility's plans to comply with the solution. When did the company last file a capacity analysis report It the present system does not meet the requirements of a. Attach a description of the plant upgrade ne	t district to implement this requirement? with the DEP? DEP rules:	nt reuse? No N/A N/A ne DEP rules.
If the utility does not engage in reuse, has a reuse feasibility of the utility been required by DEP or water management of the present system does not meet the requirements of a. Attach a description of the plant upgrade ne b. Have these plans been approved by DEP? C. When will construction begin?	t district to implement? this requirement? with the DEP? DEP rules:	No N/A N/A N/A DEP rules.

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SOURCE OF SUPPLY FACILITIES

DELTONA LAKES 2002 age W-11 Exhibit: Deltona-1

PAGE#1 of 1

List for each source of supply:

WELLS		CAPACITY OF WELL gpm	PER DAY FROM SOURCE	Type of source
Wellington	# 1	200	288,000	DEEP WELL
Wellington	#2	400	576,000	DEEP WELL
Diamond	#3	500	720,000	DEEP WELL
Diamond	# 25	700	1,008,000	DEEP WELL
Vicksburg	# 19	1000	1,440,000	DEEP WELL
Sagamore	# 22	1500	2,160,000	DEEP WELL
Sagamore	# 32	1500	2,160,000	DEEP WELL
Magdelina	# 33	750	1,080,000	DEEP WELL
Wellington	# 34	650	936,000	DEEP WELL
Sagamore	# 35	900	1,296,000	DEEP WELL
Golf Course	# 4	500	720,000	DEEP WELL
Lombardy	#6	350	504,000	DEEP WELL
Lombardy	#8	400	576,000	DEEP WELL
Lombardy	# 27	1500	2,160,000	DEEP WELL
Courtland	# 15	480	691,200	DEEP WELL
Courtland	# 17	700	1,008,000	DEEP WELL
Courtland	# 18	500	720,000	DEEP WELL
Omaha	# 28	750	1,080,000	DEEP WELL
Courtland	# 24	1000	1,440,000	DEEP WELL
Courtland	# 21	600	864,000	DEEP WELL
Courtland	# 37	600	864,000	DEEP WELL
Beaver	# 23	1000	1,440,000	DEEP WELL
Howland	# 20	500	720,000	DEEP WELL
Agatha/Saxon	#9	500	720,000	DEEP WELL
Agatha/Saxon	# 12	500	720,000	DEEP WELL
Agatha/Saxon	# 14	600	864,000	DEEP WELL
Agatha/Saxon	# 16	600	864,000	DEEP WELL
N. Normandy	# 36	650	936,000	DEEP WELL

SYSTEM NAME / COUNTY: DELTONA LAKES / VOLUSIA #1806

Data here (page W-12) is total of both Deltona Lakes and Enterprise

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	292,526	18,397	274,129	280,59
February	0	267,083	456	266,627	261,33
March	0	368,616	14,781	353,835	281,74
April	0	400,744	843	399,901	339,05
May	0	520,403	20,215	500,187	429,22
June	0	286,810	20	286,790	427,31
July	0	279,371	13,499	265,872	241,03
August	0	267,441	7,513	259,928	244,25
September	0	257,600	13,980	243,620	235,26
October	0	351,218	14,331	336,887	256,10
November	0	314,583	12,926	301,657	304,86
December	0	269,998	9,711	260,287	273,90
Total for year	0	3,876,393	126,673	3,749,720	3,574,68

If water is purchased for resale, indicate the following: Vendor N/A Point of delivery N/A If water is sold to other water utilities for redistribution, list names of such utilities below: County of Volusia	
Vendor N/A Point of delivery N/A If water is sold to other water utilities for redistribution, list names of such utilities below:	
Point of delivery N/A If water is sold to other water utilities for redistribution, list names of such utilities below:	
If water is sold to other water utilities for redistribution, list names of such utilities below:	
1	
County of Volusia	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
See Exhibit: Deltona-1			
			4
b			
			·

SYSTEM NAME / COUNTY: DELTONA LAKES / VOLUSIA #1806

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plar	nt (GPD):	* 31,392,000	(Reliable Peak Hour)
Location of mea	surement		
(I.e. WellHead, S	Storage Tank):	WellHead and/or S	storage Tank
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination and A	eration
	1 184	E TREATMENT	
	Litti	L TREATMENT	
Unit rating (i.e.,	-	- INCAMENT	
Unit rating (i.e., per gallon):	-	Manufacturer:	
- - ·	GPM, pounds N/A		
- - ·	GPM, pounds N/A	Manufacturer:	
per gallon):	GPM, pounds N/A F f area:	Manufacturer:	

^{*} High Service

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	28,337	28,337
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	764	1,910
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	6	48
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	29,117	30,360

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	3,366,663,317	27,908	365	331
· ·				

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(e)
5/8"	Displacement	1.0	413	413
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	111	278
1 1/2"	Displacement or Turbine	5.0	32	160
2"	Displacement, Compound or Turbine	8.0	77	616
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	33	578
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	7	210
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	673	2,254

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied whe	re necessary.
Present ERC's * that system can efficiently serv	е.	27,908
2. Maximum number of ERCs * which can be serve	ed **	31,661
3. Present system connection capacity (in ERCs *)	using existing lines.	47,609
4. Future connection capacity (in ERCs *) upon ser	vice area buildout.	62,296
5. Estimated annual increase in ERCs *.	299	
6. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	1500 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
 Describe any plans and estimated completion da Projects completed 2002: Providence Rd. utility conversion of gas chlorine to liquid sodium hypo Well #38 estimated completion 12/19/03. Sagar 	relocation, well #19 rehab and pur echlorite. Normandy Blvd. Parallel r	np capacity increase main 2/5/03.
When did the company last file a capacity analys	is report with the DEP?	N/A
0. If the present system does not meet the requirer	ments of the DEP rules:	N/A
a. Attach a description of the plant upgrade nec	essary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgradi	ng.	
e. Is this system under any Consent Order with	DEP?	
Department of Environmental Protection ID #.	3640287	- V
2. Water Management District Consumptive Use P	Permit #	8658
a. Is the system in compliance with the requirer	ments of the CUP?	Yes,
b. If not, what are the utility's plans to gain com	npliance?	It should be noted that
withdrawal quantities are dynamic and may fluc	tuate beyond permitted quantities	during the duration of
the permit. Permits are reviewed peridically to	ascertain whether modifications ne	ed to be filed with the
water management district.		

^{*} 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: DELTONA / VOLUSIA #1806

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	5,088	5,088
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	22	55
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	5,143

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	
	217,206,833 *	4,916	365	121	

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: DELTONA / VOLUSIA #1806

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	222	222
3/4"	Displacement	1.5	0	C
1"	Displacement	2.5	46	115
1 1/2"	Displacement or Turbine	5.0	16	. 80
2"	Displacement, Compound or Turb	8.0	20	160
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	6	105
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	5	150
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	em Meter Equiva	lents	832

SYSTEM NAME / COUNTY: DELTONA / VOLUSIA #1806

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	1,400,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	CROM		
Type (2)	Contact Stabilization & Extended Aeration/Oxidation Ditch		
Hydraulic Capacity (gpd)	1,400,000		
Average Daily Flow (mgd)	1.459	(Average of Max Month)	
Total Gallons of WW Treated (mg)	389.478		
Method of Effluent Disposal	Public access reuse	, Drainfield, Percolation Po	ond .

⁽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: DELTONA / VOLUSIA #1806

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate	page should be supplied where necessary.
Present number of ERC's * now being served.	4,916
Maximum number of ERC's * which can be served	11,570 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing	ines. 5,092
4. Future connection capacity (in ERCs*) upon service area builde	out.*** 8,228
5. Estimated annual increase in ERCs* 61	
 Describe any plans and estimate completion dates for any enla Saxon Blvd sewer extension 11/30/02; collection system reject piping 12/31/02, Waycross lift station rehabilitation replacement 7/31/02, Whitewood lift station upgrade des 	improvements 12/31/02, WWTP 12/31/02; Whitewood force main
7. If the utility uses reuse as a means of effluent disposal, attach a of reuse provided to each, if known. See Exhibit Q-7	
8. If the utility does not engage in reuse, has a reuse feasibility sto	ndy been completed?
If so, when?	
9. Has the utility been required by DEP or water management dist	rict to implement reuse?
If so, what are the utility's plans to comply with this	requirement?
10. When did the company last file a capacity analysis report with	the DEP? December-02
11. If the present system does not meet the requirements of DEP	and the second s
a. Attach a description of the plant upgrade necessb. Have these plans been approved by DEP?	eary to meet the DEP rules.
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DE	P?
12. Department of Environmental Protection ID # FLA	11724-01

^{*} An ERC is determined based on the calculation on S-11

^{***} 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	524	0	524	499
February	0	436	0	436	450
March	2	586	0	588	469
April	0	590	0	590	621
May	21	675	0	696	640
June	0	456	0	456	541
July	0	487	20	467	423
August	33	411	81	363	417
September	0	424	0	424	411
October	23	597	0	620	442
November	0	538	119	420	775
December	0	537	0	537	418
Total for year	79	6,260	220	6,119	6,106

If water is purchased for re	esale, indicate the following:
Vendor	City of Altamonte Springs
Point of delivery	6" Meter @ Northlake Dr & Hwy 436
If water is sold to other wa	ter utilities for redistribution, list names of such utilities below:
N/A	

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: DOL RAY MANOR / SEMINOLE #336

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):	* 360,000	(Reliable Peak Hour)
Location of mea	surement	***	
(i.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination and	Aeration
	LIM	E TREATMENT	
Unit rating (i.e.,	· •		
Unit rating (i.e., per gallon):	GPM, pounds N/A	Manufacturer	:
·	N/A	Manufacturer	:
·	N/A F		:
per gallon):	N/A F f area:	ILTRATION	

^{*} Emergency interconnect with City of Altamonte.

^{*} High Service

SYSTEM NAME / COUNTY: DOL RAY MANOR / SEMINOLE #336

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	58	58
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	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	60	78

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 Galions Sold	Customers	Days	ERC
	6,106,195	58	365	288

SYSTEM NAME / COUNTY: DOL RAY MANOR / SEMINOLE #336

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
Total Commercial Water System Meter Equivalents			0	0

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.						
1.	Present ERC's * that system can efficiently serve.		58			
2.	Maximum number of ERCs * which can be served **		312			
3.	Present system connection capacity (in ERCs *) using existing lines.		59			
4.	Future connection capacity (in ERCs *) upon service	area buildout.	59			
5.	Estimated annual increase in ERCs *.	1				
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No				
7.	Attach a description of the fire fighting facilities.	N/A				
8.	Describe any plans and estimated completion dates for any enlargements or improvements of this system. None					
9.	When did the company last file a capacity analysis re	port with the DEP?	N/A			
10.	If the present system does not meet the requirement	s of the DEP rules:	N/A			
	a. Attach a description of the plant upgrade necessary to meet the DEP rules.					
	b. Have these plans been approved by DEP?					
	c. When will construction begin?					
	d. Attach plans for funding the required upgrading.					
	e. Is this system under any Consent Order with DEF	??				
11.	Department of Environmental Protection ID #.	3590297				
12.	Water Management District Consumptive Use Permi	it #	3769			
	a. Is the system in compliance with the requirement	s of the CUP?	Yes,			
	b. If not, what are the utility's plans to gain compliar withdrawal quantities are dynamic and may fluctuate		It should be noted that			
	the permit. Permits are reviewed peridically to ascertain whether modifications need to be filed with the					
	water management district.					
1	Tator management approx.					

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

			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	3,153	539	2,614	2,574
February	0	2,729	360	2,369	2,395
March	0	3,803	414	3,390	2,644
April	0	3,784	344	3,440	3,050
May	0	4,906	301	4,604	3,589
June	0	3,321	540	2,781	3,372
July	0	2,781	386	2,396	2,001
August	0	2,810	290	2,521	2,177
September	0	2,713	170	2,543	2,322
October	0	3,968	615	3,353	2,871
November	0	2,955	284	2,671	2,609
December	0	2,722	260	2,462	2,443
Total for year	0	39,645	4,503	35,141	32,047

	n en en an en en en en			
If water is purchased for resa	ile, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other water	utilities for redistribution,	list names of such utilitie	es below:	
N/A				

		CAPACITY	GALLONS	
		OF WELL	PER DAY	TYPE OF
List for each source of supply:		gpm	FROM SOURCE	SOURCE
Well #1		400	576,000	Deep Well
Well # 2		250	360,000	Deep Well
				:
				1
	ŧ			

UTILITY NAME: FLORIDA WATER SERVICES

YEAR OF REPORT December 31, 2002 SYSTEM NAME / COUNTY: DRUID HILLS / SEMINOLE #334

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 Distribu	ution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	1
	•	
L	IME TREATMENT	
	IME TREATMENT	
Unit rating (i.e., GPM, pounds	IME TREATMENT Manufacturer:	
Unit rating (i.e., GPM, pounds		
Unit rating (i.e., GPM, pounds per gallon): N/A	Manufacturer:	······································
Unit rating (i.e., GPM, pounds per gallon): N/A Type and size of area: Pressure (in square feet):	Manufacturer:	

^{*} Limited by High Service Pumps.

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	219	219
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	27	68
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	254	323

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
	31,132,207	243	365	351
	*			

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

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where	e necessary.
1. Present ERC's * that system can efficiently serv	e.	243
2. Maximum number of ERCs * which can be serve	ed **	256
3. Present system connection capacity (in ERCs *)	using existing lines.	244
4. Future connection capacity (in ERCs *) upon se	rvice area buildout.	244
5. Estimated annual increase in ERCs *.	5	
6. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	600 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion da None	ates for any enlargements or improve	ements of this system.
9. When did the company last file a capacity analyst	sis report with the DEP?	N/A
10. If the present system does not meet the require	ments of the DEP rules:	N/A
a. Attach a description of the plant upgrade ned	cessary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrad	ing.	
e. Is this system under any Consent Order with	DEP?	
11. Department of Environmental Protection ID #.	3590111	
12. Water Management District Consumptive Use R	Permit #	3766
a. Is the system in compliance with the require	ements of the CUP?	Yes,
b. If not, what are the utility's plans to gain con		It should be noted that
withdrawal quantities are dynamic and may fluc		
the permit. Permits are reviewed peridically to	ascertain whether modifications nee	ea to be filed with the
water management district.	ANALYS AND	

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: EAST LAKE HARRIS ESTATES / LAKE #557

YEAR OF REPORT December 31, 2002

Data here (page W-12) is total of both East Lake Harris Estates and Friendly Center

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	601	20	581	339
February	0	584	44	540	445
March	0	727	. 45	682	461
April	0	783	18	765	614
May	0	660	83	577	474
June	0	407	4	403	454
July	0	380	30	350	297
August	0	492	0	492	322
September	0	503	0	503	287
October	0	608	0	608	357
November	0	484	0	484	350
December	0,	587	0	587	406
Total for year	0	6,816	244	6,571	4,806

If water is purchased for res	sale, indicate the followin	g:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other water	er utilities for redistribution	on, list names of su	ich utilities below:	
N/A				
				-

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	20	0 ' 288,000	Deep Well
			<u> </u>
- Niki-sep			<u> </u>

		and the second s	-1
	:		<u>:</u>
			1
	•		

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: EAST LAKE HARRIS ESTATES / LAKE #557

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 288,000	(Peak Hour)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatment (reverse osmosis,			
(sedimentation, chemical, aerated, et	c,):	Chlorination	
	LIME TR	EATMENT	
Unit rating (i.e., GPM, pounds			
per gallon): N/A		Manufacturer	
	FILTI	RATION	
Type and size of area:			
Type and 3126 of area.			
Pressure (in square feet):	N/A	Manufacturer	

^{*} Limited by Well.

^{*} Interconnected with Friendly Center.

SYSTEM NAME / COUNTY: EAST LAKE HARRIS ESTATES / LAKE #557

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	176	176
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	177	179

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
	4,824,107	172	365	77
	t			

IETER 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	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalente	1	1

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate	page should be supplied where no	ecessary.
Present ERC's * that system can efficiently serve.		172
2. Maximum number of ERCs * which can be served **		937
3. Present system connection capacity (in ERCs *) usin	ng existing lines.	205
4. Future connection capacity (in ERCs *) upon service	area buildout.	205
5. Estimated annual increase in ERCs *.	1	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates to None	for any enlargements or improveme	ents of this system.
9. When did the company last file a capacity analysis re	port with the DEP?	N/A
10. If the present system does not meet the requiremen	ts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessar	ary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DE	P?	
11. Department of Environmental Protection ID #.	3350322	
12. Water Management District Consumptive Use Perm	iit#	2607
a. Is the system in compliance with the requiremen	ts 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 asco water management district. 	e beyond permitted quantities durin	

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

			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	1,256	0	o	1,256	1,184
February	971	0	72	899	902
March	1,299	0	. 0	1,299	919
April	1,485	0	0	1,485	1,332
May	1,810	0	0	1,810	1,485
June	1,241	0	0	1,241	1,455
July	1,091	0	0	1,091	1,129
August	1,128	0	0	1,128	954
September	1,069	0	0	1,069	962
October	1,476	0	0	1,476	1,102
November	1,262	0	135	1,127	1,322
December	1,250	0	0	1,250	1,084
Total for year	15,338	0	207	15,131	13,832

If water is purchased for re-	sale, indicate the following:
Vendor	City of Altamonte Springs
Point of delivery	4 X 1 inch Neptune compound meter
If water is sold to other wat	er utilities for redistribution, list names of such utilities below:
N/A	

	CAPACITY	GALLONS					
	OF WELL	PER DAY	TYPE OF				
List for each source of supply:	gpm	FROM SOURCE	SOURCE				
Interconnected with city of Altamonte Springs	interconnected with city of Altamonte Springs						
			: !				
		1	į				
			<u> </u>				
		į					

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / SEMINOLE: FERN PARK #324

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* Interconnected with A	* Interconnected with Altamonte Springs		
Location of mea	surement				
(I.e. WellHead, S	torage Tank):	N/A			
Type of treatmen	nt (reverse osmosis,				
(sedimentation,	chemical, aerated, etc.):	N/A			
	LIN	ME TREATMENT			
Unit rating (i.e., (GPM, pounds				
		AA			
per gallon):	N/A	Manufacturer:	WAY TO THE TOTAL OF THE TOTAL O		
per gallon):		FILTRATION			
per gallon): Type and size of					
	area:				

^{*} Interconnected with Altamonte Springs, well off line since 1996.

IETER 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	173	173
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	173	173

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	11,934,976	167	365	196
	•			

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / SEMINOLE: FERN PARK #324

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate	page should be supplied where	necessary.
Present ERC's * that system can efficiently serve.		167
2. Maximum number of ERCs * which can be served **		N/A
3. Present system connection capacity (in ERCs *) using	ng existing lines.	183
4. Future connection capacity (in ERCs *) upon service	area buildout.	183
5. Estimated annual increase in ERCs *.	0	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates None	for any enlargements or improve	ements of this system.
9. When did the company last file a capacity analysis re	eport with the DEP?	N/A
10. If the present system does not meet the requiremen	ts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DE	P?	
11. Department of Environmental Protection ID #.	3590368	
12. Water Management District Consumptive Use Pern	nit #	N/A
a. Is the system in compliance with the requiremen	nts of the CUP?	
b. If not, what are the utility's plans to gain complia	ince?	

An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	FIGHTING FIRES, ETC.	(Omit 000's) [(b)+(c)-(d)]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,285	160	1,126	966
February	0	1,086	320	766	721
March	0.	1,271	320	952	840
April	0	1,466	320	1,146	1,050
May	0	1,434	12	1,422	1,095
June	0	1,123	0	1,123	1,315
July	0	1,009	0	1,009	1,035
August	0	1,124	165	959	836
September	0	982	0	982	885
October	0	1,315	0	1,315	793
November	0	1,128	0	1,128	1,177
December	0	1,028	0	1,028	761
Total for year	o	14,251	1,295	12,956	11,473

If water is purchased for re	esale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wa	iter utilities for redistribution,	list names of such ut	ilities below:	
N/A	tor attitude for realisting and in			

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	180	259,200	Deep Well
		to the second se	:
			:
		*	
	ŧ		

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: FERN TERRACE / LAKE #552

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	it (GPD):	* 259,200	(Peak Hour)
Location of mea	surement		
(I.e. WellHead, S	torage Tank):	WellHead and/or	Distribution
Type of treatmer	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination	
	LIMI	E TREATMENT	
Unit rating (i.e., (GPM, pounds		
	GPM, pounds N/A	Manufacturer	:
Unit rating (i.e., (N/A	Manufacturer	·
	N/A F		:
per gallon):	N/A F area:	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	125	125
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	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	127	136

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gailons Sold	Customers	Days	ERC
	11,443,156	123	365	255
	*			
	·			

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

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be	supplied where necessary.
Present ERC's * that system can efficiently serve.	123
2. Maximum number of ERCs * which can be served **	254
3. Present system connection capacity (in ERCs *) using existing lines.	123
4. Future connection capacity (in ERCs *) upon service area buildout.	123
5. Estimated annual increase in ERCs *.)
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
Describe any plans and estimated completion dates for any enlargement None	nts or improvements of this system.
When did the company last file a capacity analysis report with the DEP?	The second secon
. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEF	rules.
b. Have these plans been approved by DEP?	
c. When will construction begin?	-
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
Department of Environmental Protection ID #. 33503	70
Water Management District Consumptive Use Permit #	2611
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that
withdrawal quantities are dynamic and may fluctuate beyond permitted q	It should be noted that quantities during the duration of
the permit. Permits are reviewed peridically to ascertain whether modified	cations need to be filed with the

^{*} 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: FISHERMAN'S HAVEN / MARTIN #673

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,041	247	794	667
February	0	809	290	519	573
March	0	947	. 166	781	652
April	0	944	180	764	587
May	0	1,086	162	924	646
June	0	768	245	523	704
July	0	637	86	552	497
August	0	816	135	681	602
September	0	723	81	642	642
October	0	830	91	739	674
November	o	739	84	655	619
December	0	674	87	588	602
Total for year	0	10,014	1,852	8,162	7,465

water is purchased for res	ale, indicate the following:
Vendor	N/A
Point of delivery	N/A
f water is sold to other wate	r utilities for redistribution, list names of such utilities below:
f water is sold to other wat	r utilities for redistribution, list names of such utilities below:
	r utilities for redistribution, list names of such utilities below:
	r utilities for redistribution, list names of such utilities below:

		CAPACITY	GALLONS	
		OF WELL	PER DAY	TYPE OF
List for each s	source of supply:	gpm	FROM SOURCE	SOURCE
Well #1		100	144,000	Deep Well
Well #2	In service early 2003	100	144,000	Deep Well
				1
				1
	•		!	

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: FISHERMAN'S HAVEN / MARTIN #673

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (C	GPD):	* 144,000	(Reliable Max Day Capacity)
Location of measur	rement		
(I.e. WellHead, Stor	age Tank):	WellHead and/or	Distribution
Type of treatment (reverse osmosis,		
(sedimentation, che	emical, aerated, etc.):	Chlorination	
	LIMI	TREATMENT	
Unit rating (i.e., GPI	M, pounds		
Unit rating (i.e., GPI per gallon):	M, pounds N/A	Manufacturer	
- -	N/A	Manufacturer:	
- -	N/A F		
per gallon):	N/A F Pa:	ILTRATION	

^{*} Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	141	141
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	141	141

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	7,333,660	141	365	142
	•			

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
		(0)	(u)	(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	/alents	2	2

W-13b GROUP 10673 SYSTEM 1

OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separat	e page should be supplied where i	necessary.
1.	Present ERC's * that system can efficiently serve.		141
2.	Maximum number of ERCs * which can be served *	*	505
3.	Present system connection capacity (in ERCs *) usi	ing existing lines.	141
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	141
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	annonnon tunna anno malana ta ata Mahabata 178 da 1884 an 1881 an
8.	Describe any plans and estimated completion dates Projects completed 2002: New production well Projects scheduled for 2003: add larger hydro tank	for any enlargements or improven	nents of this system.
9.	When did the company last file a capacity analysis r	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	EP?	
11.	Department of Environmental Protection ID #.	4430442	
12.	Water Management District Consumptive Use Perr	nit #	43-00804-W
	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 complice withdrawal quantities are dynamic and may fluctuate.		It should be noted that
	the permit. Permits are reviewed peridically to asc water management district.	ertain whether modifications need	to be filed with the

^{*} 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.

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	144	144
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 =	144

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

customer gallons per day.

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

Calculations:			Average		
	SFR Gallons Sol	ld	Customers	Days	ERC
	5,743,433		139	365	113

SYSTEM NAME / COUNTY: FISHERMAN'S HAVEN / MARTIN #673

YEAR OF REPORT December 31, 2002

MET SIZ (a)	E METER*	EQUIVALEN FACTOR (c)	NUMBEI OF WATE METERS (d)	R FOUNDALEN
5/8"	Displacement		(4)	(e)
3/4" 1"	Displacement	1.0	2	
1 1/2"	Displacement	1.5	0	
2"	Displacement or Turbing	2.5	0	
3"	Displacement, Compound	5.0	0	
3"	opiacement	0.0	0	-
3"	Compound	15.0	0	-
4"	Turbine	16.0	0	C
4"	Displacement or Compound	17.5	0	0
6"	rurbine	25.0	0	0
6"	Displacement or Compound	30	0	0
8"	rurbitie	50.0	0	0
8"	Compound	62.5	0	0
10"	Turbine	80.0	0	0
10"	Compound	90.0	0	0
2"	Turbine	115.0	0	0
	Turbine	145.0	0	0
To	otal Commercial Wastewater Syste	215.0 m Meter Equivalen	0	0

S-11b 20673 SYSTEM 1 **UTILITY NAME: FLORIDA WATER SERVICES**

SYSTEM NAME / COUNTY: FISHERMAN'S HAVEN / MARTIN #673

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

		I	i		
Permitted Capacity (gpd)	25,000				
Basis of Permit Capacity (1)	M3MADF				
Manufacturer	Defiance				
Type (2)	Extended Aeration v	v/tertiary filtration			
Hydraulic Capacity (gpd)	25,000				
Average Daily Flow (mgd)	0.022	(Average of Max Month)			
Total Gallons of WW Treated (mg)	6.438				
Method of Effluent Disposal	Drainfield, emergency 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.

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	rate page should be supplied where necessary.
. Present number of ERC's * now being served.	139
2. Maximum number of ERC's * which can be served.	178 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
. Present system connection capacity (in ERCs*) using exis	sting lines. 143
. Future connection capacity (in ERCs*) upon service area	buildout.*** 143
. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any None	enlargements or improvements of this system.
of reuse provided to each, if known. N/A If the utility does not engage in reuse, has a reuse feasibility of the so, when?	ity study been completed? No
. Has the utility been required by DEP or water managemer	nt district to implement reuse? No
If so, what are the utility's plans to comply with	this requirement?
When did the company last file a capacity analysis repor	t with the DEP? March-99
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?	ecessary to meet the DEP rules.
c. When will construction begin?	
d. Attach plans for funding the required upgra-	ding.
e. Is this system under any Consent Order wit	
12. Department of Environmental Protection ID #	FLA013858

S-13 20673 SYSTEM 1

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: FLORIDA CENTRAL COMMERCE / SEMINOLE #340

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

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

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

Calculations:		Average		
SFR Gallons Sold		Customers	Days	ERC
16,169,108		50	365	886
* This system only has con	nmercia	l customers		

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: FLORIDA CENTRAL COMMERCE / SEMINOLE #340

YEAR OF REPORT December 31, 2002

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	18	18
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	12	30
1 1/2"	Displacement or Turbine	5.0	7	35
2"	Displacement, Compound or Turb	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	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
7	Fotal Commercial Wastewater Syst	tem Meter Equival	lents	178

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: FLORIDA CENTRAL COMMERCE /

YEAR OF REPORT December 31, 2002

SEMINOLE #340

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

			
Permitted Capacity (gpd)	95,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	FL. ENVIROMENTA	L	
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	95,000		
Average Daily Flow (mgd)	0.056	(Average of Max Month)	
Total Gallons of WW Treated (mg)	16.331		
Method of Effluent Disposal	Spray Irrigation, wet	weather storage 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: FLORIDA CENTRAL COMMERCE /

YEAR OF REPORT December 31, 2002

SEMINOLE #340 OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page should be supplied where necessary.
Present number of ERC's * now being served.	50
2. Maximum number of ERC's * which can be served.	107 **
 Note: SFR gallons sold is not representative of total ww flow at plant. Present system connection capacity (in ERCs*) using ex 	xisting lines. 64 .
4. Future connection capacity (in ERCs*) upon service area	a buildout.*** 72
5. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for an Equalization Tank 9/26/03	ny enlargements or improvements of this system.
If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known.	
8. If the utility does not engage in reuse, has a reuse feasib	ility study been completed?
If so, when?	
9. Has the utility been required by DEP or water manageme	ent district to implement reuse? No
If so, what are the utility's plans to comply with	n this requirement?
10. When did the company last file a capacity analysis repo	ort with the DEP? February-02
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade in b. Have these plans been approved by DEP?	necessary to meet the DEP rules.
c. When will construction begin?d. Attach plans for funding the required upgrae. Is this system under any Consent Order w	=
12. Department of Environmental Protection ID #	FLA011078

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: FOUNTAINS / OSCEOLA #772

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, ***	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,017	0	1,017	1,131
February	0	886	0	886	731
March	0	1,247	. 0	1,247	840
April	0	1,453	0	1,453	1,311
May	0	1,628	0.	1,628	1,327
June	0	1,149	0	1,149	1,276
July	0	1,055	0	1,055	1,012
August	0	1,095	0	1,095	864
September	0	977	0	977	893
October	0	1,084	0	1,084	952
November	О	1,015	0	1,015	866
December	0	976	0	976	940
Fotal for year	0	13,582	0	13,582	12,144

	I to Produce College State	
water is purchased for re-	sale, indicate the following:	
Vendor	N/A	
Point of delivery	N/A	
water is sold to other wat	er utilities for redistribution, list names of such utilities below:	
water is sold to other wat	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
	er utilities for redistribution, list names of such utilities below:	
	er 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		220	316,800	Deep Well
Well # 2		80	115,200	Deep Well
			**************************************	ļ.,
				1
	t			

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 115,200	(Reliable Max Day Capacity)	
Location of measurement				
(l.e. WellHead, Storage Tank):		WellHead and/or Distribution		
Type of treatment (reverse osmosis	,			
(sedimentation, chemical, aerated, e	etc,):	Chlorination and A	eration	
	LIME TR	EATMENT		
	LIME TR	EATMENT		
Unit rating (i.e., GPM, pounds	LIME TR			
- · · · · ·	LIME TR	EATMENT Manufacturer:		
- · · · · ·				
per gallon): N/A		Manufacturer:		
- · · · · ·		Manufacturer:		

^{*} Wells

SYSTEM NAME / COUNTY: FOUNTAINS / OSCEOLA #772

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	165	165
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	165	165

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
	12,136,070	159	365	209

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	00
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 Equi	ivalente	1	3

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: FOUNTAINS / OSCEOLA #772

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied wh	nere necessary.
Present ERC's * that system can efficiently serve.		159
2. Maximum number of ERCs * which can be served	**	275
3. Present system connection capacity (in ERCs *) u	sing existing lines.	187
4. Future connection capacity (in ERCs *) upon servi	ce area buildout.	231
5. Estimated annual increase in ERCs *.	32	
Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 250 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	* 1 Martin de disconnecte description de la connecte de la connect
Describe any plans and estimated completion date Replace aerator estimated completion date 12/19/	· -	rovements of this system.
When did the company last file a capacity analysis	report with the DEP?	N/A
0. If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading	g.	
e. Is this system under any Consent Order with E	DEP?	
Department of Environmental Protection ID #.	3494328	
2. Water Management District Consumptive Use Pe	rmit #	49-00977-W
a. Is the system in compliance with the requirem	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp withdrawal quantities are dynamic and may fluctu	ate beyond permitted quantitie	
the permit. Permits are reviewed peridically to as water management district.	Scertain whether modifications	need to be nied with the

^{*} 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.

YEAR OF REPORT December 31, 2002

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	817	97	720	70
February	0	784	62	722	71:
March	0	985	91	894	745
April	0	1,064	130	934	884
May	0	1,296	150	1,146	1,026
June	0	1,614	74	1,540	1,066
July	0	816	79	737	684
August	0	927	76	851	776
September	0	927	63	864	820
October	0	965	64	902	872
November	0	821	36	785	731
December	0	1,012	50	963	850
Total for year	0	12,028	971	11,057	9,872

					
If water is purchased for re-	sale, indicate the followin	g:			
Vendor	N/A	-			
Point of delivery	N/A				
}					
If water is a state out					
If water is sold to other water	er utilities for redistribution	n, list names of such u	tilities below:		
IN/A					
				-	
"""""""""""""""""""""""""""""""""""""					

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1		······································	†
	350	504,000	Deep Well
Well # 2	500	720,000	Deep Well
	4		
	:		1
		1	1

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Head and/or Distribution rination and Iron Removal
rination and Iron Removal
2
2
NT
anufacturer:
nufacturer:
The second secon
la

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(⊕)
5/8"	Displacement	1.0	112	112
3/4"	Displacement	1.5	0	00
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	valente	112	112

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
	9,853,810	111	365	243
	t			

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	2	2
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	00
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalanta	3	5

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied whe	re necessary.
. Present ERC's * that system can efficiently serve.		111
. Maximum number of ERCs * which can be served	**	740
Present system connection capacity (in ERCs *) u	ising existing lines.	121
Future connection capacity (in ERCs *) upon servi	ice area buildout.	121
Estimated annual increase in ERCs *.	0	
Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	500 gpm	
Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date Projects to be completed 2003: Interconnect with		vements of this system.
When did the company last file a capacity analysis If the present system does not meet the requirem		N/A
Attach a description of the plant upgrade nece		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading	g.	
e. Is this system under any Consent Order with D	DEP?	
. Department of Environmental Protection ID #.	4431700	
. Water Management District Consumptive Use Pe	ermit #	43-00602-W
a. Is the system in compliance with the requirem	nents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp withdrawal quantities are dynamic and may fluctu		It should be noted that during the duration of
the permit. Permits are reviewed peridically to a water management district.		

^{*} 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.

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	112	112
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	112

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
	6,142,892	111	365	152

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	C
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	otal Commercial Wastewater Syst	em Meter Equival	ents	0

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: FOX RUN / MARTIN #679

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

interconnect		
interconnect		
interconnect		
Interconnected		
interconnect		
interconnect		
interconnect		
Interconnected		
	interconnect interconnected Interconnect interconnect interconnect interconnect	interconnect interconnect Interconnected interconnect interconnect interconnect

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

(2) Contact stabilization, advanced treatment, etc.

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	arate page shou	ld be supplied where necessary.
Present number of ERC's * now being served.		111 Interconnected
2. Maximum number of ERC's * which can be served. ** Note: SFR gallons sold is not representative of total ww flow at plant.	N/A	**
B. Present system connection capacity (in ERCs*) using ex	isting lines.	112 -
Future connection capacity (in ERCs*) upon service area	u buildout.***	112
5. Estimated annual increase in ERCs* 0		
6. Describe any plans and estimate completion dates for an None	y enlargements or	improvements of this system.
. If the utility uses reuse as a means of effluent disposal, a of reuse provided to each, if known. N/A	ttach a list of the r	euse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibi	ility study been cor	npleted? No
If so, when?		
Has the utility been required by DEP or water manageme	nt district to impler	ment reuse? No
If so, what are the utility's plans to comply with	n this requiremer	t?
When did the company last file a capacity analysis repo	rt with the DEP?	N/A
If the present system does not meet the requirements or	f DED rules:	N/A
a. Attach a description of the plant upgrade n b. Have these plans been approved by DEP?	ecessary to mee	
c. When will construction begin?		
d. Attach plans for funding the required upgrae. Is this system under any Consent Order wi	•	
12. Department of Environmental Protection ID #	Interconnected	

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: FRIENDLY CENTER / LAKE #556

PUMPING AND PURCHASED WATER STATISTICS

SYSTEM IS INTERCONNECTED WITH EAST LAKE HARRIS

MONTH	PURCHASED FOR RESALE (Omit 000's)	WATER PUMPED FROM WELLS (Omit 000's)	FLUSHING, FIGHTING FIRES, ETC.	PURCHASED (Omit 000's) [(b)+(c)-(d)]	TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	81	0	81	14
February	0	64	0	64	1.
March	0	67	. 0	67.	1:
April	0	1	0	1	2
May	0	164	0	164	24
June	0	84	0	84	1:
July	0	154	0	154	1:
August	0	39	0	39	1:
September	0	10	0	10	1:
October	0	0	0	0	10
November	0	125	0	125	1.
December	0	2	0	2	1:
	Total Sold here fo	or Friendly Center on	ly		
Total for year	0	792	0	792	1,93

If water is purchased for re	sale, indicate the following	j :		
Vendor	N/A			
Point of delivery	N/A			
	and the state of t	6.4	-1994 1, -1	
If water is sold to other war	er utilities for redistribution	n, list names of such t	utilities below:	
N/A				

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

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: FRIENDLY CENTER / LAKE #556

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 144,000	(Peak Hour)
Location of 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): N/A	Manufacturer	
	FILTRATION	
Type and size of area:		
Type and size of area: Pressure (in square feet):	N/A Manufacturer	:

^{*} Wells

^{*} Interconnected with East Lake Harris.

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	28	28	
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	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		28	28	

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	FR Gallons Sold Customers	Days	ERC
	1,484,840	27	365	151

SYSTEM NAME / COUNTY: FRIENDLY CENTER / LAKE #556

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

OTHER WATER SYSTEM INFORMATION

Present ERC's * that system can efficiently serve	е.	27	
Maximum number of ERCs * which can be serve	ed **	239	
. Present system connection capacity (in ERCs *)	Present system connection capacity (in ERCs *) using existing lines.		
. Future connection capacity (in ERCs *) upon ser	vice area buildout.	41	
. Estimated annual increase in ERCs *.	0		
. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No		
. Attach a description of the fire fighting facilities.	N/A		
Describe any plans and estimated completion date.	tes for any enlargements or imp	rovements of this system.	
. When did the company last file a capacity analysi	:	NICA	
Tyrich did the company last hie a capacity analysi	is report with the DEP?	N/A	
). If the present system does not meet the requiren		N/A	
	ments of the DEP rules;		
). If the present system does not meet the requiren	ments of the DEP rules;		
If the present system does not meet the requiren a. Attach a description of the plant upgrade necessary.	ments of the DEP rules;		
a. Attach a description of the plant upgrade necess. b. Have these plans been approved by DEP?	ments of the DEP rules: essary to meet the DEP rules.		
a. Attach a description of the plant upgrade necesion.b. Have these plans been approved by DEP?c. When will construction begin?	ments of the DEP rules: essary to meet the DEP rules.		
a. Attach a description of the plant upgrade necessary. b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrading.	ments of the DEP rules: essary to meet the DEP rules.		
 a. Attach a description of the plant upgrade necesion. 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 	ments of the DEP rules: essary to meet the DEP rules. ng. DEP?		
a. Attach a description of the plant upgrade necession. 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 Department of Environmental Protection ID #.	nents of the DEP rules: essary to meet the DEP rules. ng. DEP? 3350426	N/A	

 $^{^{\}star}\,$ An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: GENEVA LAKE ESTATES / BRADFORD #1298

PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	FOR LINE FLUSHING, FIGHTING FIRES, ETC.	(Omit 000's) [(b)+(c)-(d)]	WATER SOLD TO CUSTOMERS (Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,128	1	1,127	1,104
February	0	1,132	0	1,132	761
March	0	1,582	0	1,582	937
April	0	1,963	0	1,963	1,266
May	0	2,602	0	2,602	1,449
June	0	1,879	0	1,879	1,952
July	0	1,751	5	1,746	1,325
August	0	1,714	0	1,714	1,351
September	0	1,486	0	1,486	1,210
October	0	1,560	3	1,557	1,106
November	0	1,272	1	1,271	1,192
December	0	962	0	962	932
Total for year	0	19,031	10	19,021	14,584

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

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	180	259,200	Deep Well
Well # 2	100	144,000	Deep Well
	\$ 100 miles and the same hand of a second se	-	
	ŧ		

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: GENEVA LAKE ESTATES / BRADFORD #1298

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 144,000	(Reliable Peak Hour)
Location of measurement	•	• 	
(I.e. WellHead, Storage Tank):		WellHead and/or Dist	tribution
Type of treatment (reverse osmosis	i ,		
(sedimentation, chemical, aerated, e	etc,):	Chlorination	
	LIBÁE TO	REATMENT	
	CIMIC II	CEATIVIENT	
Unit rating (i.e., GPM, pounds	CIMIC II	(CA /WEN)	
Unit rating (i.e., GPM, pounds per gallon): N/A	CDAIC 15	Manufacturer:	
per gallon): N/A	***************************************		
	***************************************	Manufacturer:	
per gallon): N/A	***************************************	Manufacturer:	

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	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	4	32
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Residential Water System Meter Equi	valents	111	139

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
	10,857,120	103	365	289

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(e)
		ļ	**	· · · · · · · · · · · · · · · · · · ·
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	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	3	14

OTHER WATER SYSTEM INFORMATION

Fı	urnish information below for each system. A separate	e page should be supplied where t	necessary
1.	Present ERC's * that system can efficiently serve.		103
2.	Maximum number of ERCs * which can be served **	•	125
3.	Present system connection capacity (in ERCs *) using	ng existing lines.	119
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	151
5.	Estimated annual increase in ERCs *.	4	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates to None	for any enlargements or improvem	nents of this system.
9.	When did the company last file a capacity analysis re	port with the DEP?	N/A
10.	If the present system does not meet the requirement	ts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necessa	ary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		-
	e. Is this system under any Consent Order with DER	P?	
11.	Department of Environmental Protection ID #.	2041320	
12.	Water Management District Consumptive Use Perm	nit#	2-91-00037
	a. Is the system in compliance with the requirement	ts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain compliar withdrawal quantities are dynamic and may fluctuate		It should be noted that
	the permit. Permits are reviewed peridically to asce		-X
	water management district.	AT-1647. P	

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

MONTH (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	1,343	18	1,325	1,123
February	0	1,284	36	1,248	1,133
March	0	1,687	33	1,654	1,337
April	0	1,940	105	1,834	1,562
May	0	2,490	97	2,393	1,975
June	0	1,430	33	1,396	1,582
July	0	1,524	333	1,191	1,215
August	0	1,353	33	1,320	1,215
September	0	1,283	38	1,244	1,021
October	0	1,536	33	1,502	1,191
November	0	1,454	58	1,396	
December	0	1,293	33	1,260	1,255 1,090
Total for year	o	18,617	853	17,764	15,689

If water is purchased for re	sale, indicate the following:		
Vendor	N/A		
Point of delivery	N/A		
If water is sold to other water	er utilities for redistribution, lis	t names of such utilities below	Ψ;
IV/A			-
			•

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	200		Deep Well
Well # 2	70		Deep Well
			1
			<u> </u>

SYSTEM NAME / COUNTY: GIBSONIA ESTATES / POLK #215

YEAR OF REPORT December 31, 2002

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	
ι	IME TREATMENT	
Unit rating (i.e., GPM, pounds		
per gallon): N/A	Manufacturer	
por ganony.		
per gallonji.	FILTRATION	
•	FILTRATION	
Type and size of area:	FILTRATION N/A Manufacturer:	

^{*} Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	157	157
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 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	161	173

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
	13,358,880	153	365	239

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	21	21
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	lustanta	27	47

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	914	24	890	808
February	0	822	320	502	697
March	0	1,149	. 0	1,149	620
April	0	1,381	90	1,291	1,179
May	0	1,865	5	1,860	1,339
June	0	886	0	886	1,481
July	0	821	18	803	800
August	0	894	0	894	801
September	0	821	0	821	896
October	o	988	0	988	789
November	0	871	0	871	794
December	0	742	0	742	719
Total for year	0	12,152	457	11,696	10,923

<u> </u>				
If water is purchased for re	sale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
	and a state of the	Park and the control of the control	1 . 1	
	ter utilities for redistribution,	list names of such utilitie	es below:	
N/A				
		·		

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	600	864,000	Deep Well
	 		Property of the control of the second second
	 	.	40,000,000,000,000,000,000,000,000,000,
The second secon	 	* * *	4

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: GRAND TERRACE / LAKE #575

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 864,000	(Peak Hour)
Location of measurement			
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatment (reverse osmo	sis,		
(sedimentation, chemical, aerate	d, etc,):	Chlorination	Section 1997 - Sectio
	LIME	REATMENT	
Unit rating (i.e., GPM, pounds	LIME II	KEAIMENI	
* * * * * * * * * * * * * * * * * * * *	LIME II	Manufacturer	
Unit rating (i.e., GPM, pounds per gallon): N/A	*******************************		:
* * * * * * * * * * * * * * * * * * * *	*******************************	Manufacturer	•
per gallon): N/A	*******************************	Manufacturer	

^{*} Well

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	111	111
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	00
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	112	119

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
	10,929,136	111	365	270

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

OTHER WATER SYSTEM INFORMATION

Fi	ırnish information below for each system. A separa	ate page should be supplied where r	necessary.
1.	Present ERC's * that system can efficiently serve.		111
2.	Maximum number of ERCs * which can be served	**	801
3.	Present system connection capacity (in ERCs *) us	sing existing lines.	111
4.	Future connection capacity (in ERCs *) upon service	ce area buildout.	111
5.	Estimated annual increase in ERCs *.	0	
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	
8.	Describe any plans and estimated completion date: None	s for any enlargements or improven	nents of this system.
	When did the company last file a capacity analysis If the present system does not meet the requireme		N/A
	a. Attach a description of the plant upgrade neces	ssary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading	1.	
	e. Is this system under any Consent Order with D	EP?	
11.	Department of Environmental Protection ID #.	3354697	
12.	Water Management District Consumptive Use Per	mit#	2488
	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 as	ate beyond permitted quantities duri	
	water management district.		

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: HARMONY HOMES / SEMINOLE #326

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	450	64	386	449
February	0	401	0	401	375
March	359	135	. 24	469	371
April	50	391	26	415	435
May	0	528	0	528	394
June	71	484	135	420	432
July	2	471	122	351	475
August	0.	419	0	419	395
September	14	431	o	445	385
October	0	432	0	432	378
November	2	371	0	372	366
December	0	352	0	352	316
Total for year	497	4,865	371	4,992	4,770

If water is purchased for re	esale, indicate the following:
Vendor	City of Altamonte Springs
Point of delivery	2" Precision meter at Magnolia St.
If water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
N/A	

List for each source of supply:		CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1		300	432,000	Deep Well
		u		
				<u> </u>
	i_		98. 1 S. 11 S.	
	į			:
•		TO THE RESERVE OF THE PERSON O	1	i

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: HARMONY HOMES / SEMINOLE #326

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 432,000	(Peak Hour)
Location of measuremen	nt	4-5	
(I.e. WellHead, Storage T	ank):	WellHead and/or I	Distribution
Type of treatment (revers	se osmosis,		
(sedimentation, chemica	l, aerated, etc,):	Chlorination	millioning cont. E. C. C. C. C. C. C. C. State (Million Mark) New York (A. 2000)
	LIME	FREATMENT	
Unit rating (i.e., GPM, po	unds		
		Manufacturer:	
=	Α	Manufacturer:	
=	Α		
per gallon): N//	A FiL'		

^{*} 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	64	64
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	64	64

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	4,770,440	58	365	225
	•			

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

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separat	e page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve.		58
2. Maximum number of ERCs * which can be served *	*	479
3. Present system connection capacity (in ERCs *) usi	ing existing lines.	58
4. Future connection capacity (in ERCs *) upon service	e area buildout.	58
5. Estimated annual increase in ERCs *.	0	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates None	for any enlargements or improven	nents of this system.
O. If the present system does not meet the requirement O. If the present system does not meet the requirement.		N/A N/A
Attach a description of the plant upgrade necess	sary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DE	EP?	
Department of Environmental Protection ID #.	3590497	AND AND THE STATE OF THE STATE
2. Water Management District Consumptive Use Perr	nit#	8357
a. Is the system in compliance with the requireme	nts of the CUP?	Yes,
 b. If not, what are the utility's plans to gain compli- withdrawal quantities are dynamic and may fluctua 		It should be noted that ring the duration of
the permit. Permits are reviewed peridically to asc water management district.	ertain whether modifications need	to be filed with the

^{*} 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.

ST. JOHNS HIGHLANDS / PUTNAM #471

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	1,730	0	1,730	716
February	0	1,467	0	1,467	613
March	0	1,667	0	1,667	790
April	0	1,674	4	1,670	740
May	0	2,055	0	2,055	944
June	0	1,582	0	1,582	903
July	0	1,247	0	1,247	650
August	0	1,205	0	1,205	572
September	0	1,431	0	1,431	578
October	0	1,466	0	1,466	617
November	0	1,211	0	1,211	606
December	0	1,294	0	1,294	605
Total for year	0	18,028	4	18,024	8,333

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

List for each source of supply:		CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1 Hermits Cove		200	288,000	Deep Well
Well #1 St. John's Highlands	(Out of Service)		OFS	Deep Well
				·
		1		. L. c

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: HERMITS COVE #438

YEAR OF REPORT December 31, 2002

ST. JOHNS HIGHLANDS / PUTNAM #471

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	(GPD):	* 230,400	(Reliable Peak Hour Capacity)
Location of meas	urement	,	
(I.e. WellHead, St	orage Tank):	WellHead and/o	or Distribution
Type of treatment	t (reverse osmosis,		
(sedimentation, c	hemical, aerated, etc,):	Chlorination and	d Aeration
	LI	IME TREATMENT	
Unit rating (i.e., G	_	IME TREATMENT	
Unit rating (i.e., G	_	IME TREATMENT Manufacture	ər:
	PM, pounds		er:
	PM, pounds N/A	Manufacture	er:
per gailon):	PM, pounds N/A area:	Manufacture	

^{*} High Service

ST. JOHNS HIGHLANDS / PUTNAM #471

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	283	283
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	283	283

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
	8,064,327	272	365	81
	ŧ			

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	1	1
3/4"	Displacement	1.5	0	. 0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
T-4	al Commercial Water System Meter Equ	ivalanta	1	1

ST. JOHNS HIGHLANDS / PUTNAM #471

OTHER WATER SYSTEM INFORMATION

	272
**	709
sing existing lines.	418
ce area buildout.	492
2	
No	
N/A	
s for any enlargements or imp d abandon existing well. lear early 2003. Ground stora completion date: 12/19/03.	
report with the DEP?	N/A
ents of the DEP rules:	
to meet the DEP rules.	See 8
No	
July 1, 2003	
Florida Water Services Bu	dget - 2003
	No
2540482, 2540489	
rmit #	N/A
ents of the CUP?	
liance?	Annual Control of the
	No N/A s for any enlargements or impleted abandon existing well. elear early 2003. Ground storacompletion date: 12/19/03. report with the DEP? ents of the DEP rules: to meet the DEP rules. No July 1, 2003 Florida Water Services Bu 2540482, 2540489 rmit # ents of the CUP?

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,217	0	1,217	514
February	0	554	80	475	575
March	0	612	0	612	266
April	0	685	320	365	575
May	0	767	244	523	635
June	0	583	8	575	585
July	0	582	98	485	477
August	0	571	0	571	478
September	0	573	0	573	448
October	0	664	0	664	507
November	0	554	0	554	478
December	0	549	0	549	377
Total for year	0	7,912	750	7,163	5,915

If water is purchased for re	sale, indicate the following:		
Vendor	N/A		
Point of delivery	N/A		
f water is sold to other wa	er utilities for redistribution, list names o	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	175	252,000	Deep Well
Well # 2	150	216,000	Deep Well
			i
h		:	The state of the s

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: HOBBY HILLS / LAKE #558

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (G	iPD):	* 216,000	(Reliable Peak Hour)
Location of measure	ement		
(I.e. WellHead, Storage Tank):		WellHead and/or	Distribution
Type of treatment (r	everse osmosis,		
(sedimentation, che	mical, aerated, etc,):	Chlorination	
	LIME	TREATMENT	
Unit rating (i.e., GPM		IREAIMENI	
Unit rating (i.e., GPM per gallon):		Manufacturer	:
	/I, pounds N/A		:
	/I, pounds N/A FI	Manufacturer	;
per gallon):	//, pounds N/A Fi a:	Manufacturer LTRATION Manufacturer	

^{*} Wells

IETER 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	105	105
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	105	105

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
5,894,506	95	365	170
*			
	5,894,506	SFR Gallons Sold Customers 5,894,506 95	SFR Gallons Sold Customers Days 5,894,506 95 365

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

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied.	ed where necessary.
Present ERC's * that system can efficiently serve.	95
2. Maximum number of ERCs * which can be served **	318
3. Present system connection capacity (in ERCs *) using existing lines.	105
4. Future connection capacity (in ERCs *) upon service area buildout.	105
5. Estimated annual increase in ERCs *. 3	
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
Describe any plans and estimated completion dates for any enlargements of None	or improvements of this system.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP ru	iles.
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #. 3350544	and the second s
12. Water Management District Consumptive Use Permit #	2613
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? withdrawal quantities are dynamic and may fluctuate beyond permitted qu	
the permit. Permits are reviewed peridically to ascertain whether modifical water management district.	ations need to be filed with the

^{*} 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: HOLIDAY HAVEN / LAKE #573

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	525	0	3	523	381
February	430	0	1	429	354
March	490	0	. 3	487	449
April	539	0	6	533	405
May	691	0	1	690	512
June	478	0	1	477	584
July	486	0	1	485	357
August	455	0	0	454	373
September	497	0	0	497	419
October	491	0	0	490	386
November	396	0	1	396	365
December	473	0	1	472	411
Total for year	5,950 High purchased re	0 ported for Nov & Dec v	18 was due to meter r	5,933 nalfunction - Repaire	4,996 d Dec 28, 2001

r		
If water is purchased for re-	sale, indicate the following:	
Vendor	Astor-Astor Park Water Association	
Point of delivery	4" Compound Meter @ 55802 Fern Road	
If water is sold to other wat	er utilities for redistribution, list names of such utilities below:	
N/A		
,		
	·	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Astor	·	-45-0	
	:		
	The state of the s		
	•		

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):		N/A	
Location of mea	asurement			
(I.e. WellHead, S	Storage Tank):		N/A	
Type of treatme	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, et	tc,):	N/A	20 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
		LIME TRI	EATMENT	
Unit rating (i.e.,	GPM, pounds			
	N/A		Manufacturer:	
per gallon):		.,	wanuracturer:	
per gallon):		FILTR		
per gallon): Type and size of		FILTR		
	f area:	FILTR N/A		

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	124	124
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	124	124

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
	4,593,260	118	365	107
	•			

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	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total	al Commercial Water System Meter Equ	ivalente	2	4

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate	e page should be supplied where r	necessary.
Present ERC's * that system can efficiently serve.		118
2. Maximum number of ERCs * which can be served *	•	N/A
3. Present system connection capacity (in ERCs *) using	ng existing lines.	193
4. Future connection capacity (in ERCs *) upon service	area buildout.	193
5. Estimated annual increase in ERCs *.		and the state of t
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates None	for any enlargements or improven	nents of this system.
9. When did the company last file a capacity analysis re	eport with the DEP?	N/A
10. If the present system does not meet the requirement	ts of the DEP rules:	N/A
a. Attach a description of the plant upgrade necess	ary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DE	P?	
11. Department of Environmental Protection ID #.	3354886	
12. Water Management District Consumptive Use Perm	nit#	N/A
a. Is the system in compliance with the requiremen	ats of the CUP?	***
b. If not, what are the utility's plans to gain complia	ince?	

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.

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
	Total Residential Wastewater Syst	em Meter Equival	ents =	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.

Calculations:			Average		
	SFR Gallons Sole	d	Customers	Days	ERC
	3,347,980	•	99	365	93

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	
3/4"	Displacement	1.5	0	(
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	. (
2"	Displacement, Compound or Turb	8.0	0	C
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	C
4"	Displacement or Compound	25.0	0	C
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
	Fotal Commercial Wastewater Syst			

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: HOLIDAY HAVEN / LAKE #573

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

			
Permitted Capacity (gpd)	25,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DAVCO		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	25,000		
Average Daily Flow (mgd)	0.031	(Average of Max Month)	
Total Gallons of WW Treated (mg)	7.333		
Method of Effluent Disposal	Percolation Pond, S	pray Irrigation	

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	99
2. Maximum number of ERC's * which can be served.	269 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using exit	sting lines. 128
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 183
5. Estimated annual increase in ERCs* 2	· · · · · · · · · · · · · · · · · · ·
Describe any plans and estimate completion dates for any None	•
If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A	tach a list of the reuse end users and the amount
8. If the utility does not engage in reuse, has a reuse feasibil	ity study been completed?
If so, when?	
9. Has the utility been required by DEP or water managemen	nt district to implement reuse? No
If so, what are the utility's plans to comply with	this requirement?
10. When did the company last file a capacity analysis repor	t with the DEP? February-01
11. If the present system does not meet the requirements ofa. Attach a description of the plant upgrade nob. 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	-
12. Department of Environmental Protection ID #	FLA010655

^{*} An ERC is determined based on the calculation on S-11

^{***} 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	351	5	346	802
February	0	323	o	323	763
March	0	401	. 0	401	736
April	0	328	0	328	917
May	0	276	10	266	888
June	o	242	2	240	749
July	0	50	0	49	477
August	0	77	17	59	474
September	0	63	0	63	437
October	0	110	0	110	436
November	0	105	0	105	747
December	0	51	0	51	644
Total for year	0	2,378	34	2,344	8,071

If water is purchased for re	sale, indicate the following	:		
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wat	er utilities for redistribution	, list names of suc	h utilities below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	400	576,000	Deep Well
Well #2	92	132,480	Deep Well
			1
			i
t t			i

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: IMPERIAL TERRACE / LAKE #570

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

	(GPD):	* 132,480	(Reliable Peak Hour)
Location of measu	urement	***	
(I.e. WellHead, Sto	orage Tank):	WellHead and/or	Distribution
Type of treatment	(reverse osmosis,		
(sedimentation, ch	nemical, aerated, etc.):	Chlorination	
	LIME	TREATMENT	
Unit rating (i.e., GI	PM, pounds		
per gallon):	N/A	Manufacturer	
per galion):		Manufacturer LTRATION	:
	FII		•
per gallon): Type and size of a Pressure (in squar	FII	LTRATION	

^{*} Wells

SYSTEM NAME / COUNTY: IMPERIAL TERRACE / LAKE #570

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	243	243
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	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	245	248

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
8,067,720	243	365	91
b .			
	8,067,720	SFR Gallons Sold Customers 8,067,720 243	SFR Gallons Sold Customers Days 8,067,720 243 365

SYSTEM NAME / COUNTY: IMPERIAL TERRACE / LAKE #570

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
	al Commercial Water System Meter Equ	ivalents	0	0

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied where n	ecessary.
Present ERC's * that system can efficiently serve.		243
2. Maximum number of ERCs * which can be served	**	364
3. Present system connection capacity (in ERCs *) us	sing existing lines.	251
4. Future connection capacity (in ERCs *) upon service	ce area buildout.	251
5. Estimated annual increase in ERCs *.	0	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion date None.	s for any enlargements or improvem	nents of this system.
9. When did the company last file a capacity analysis 10. If the present system does not meet the requirement.		N/A
a. Attach a description of the plant upgrade neces	ssary to meet the DEP rules.	
b. Have these plans been approved by DEP?	Jan	
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?	and the second s
11. Department of Environmental Protection ID #.	3350584	
12. Water Management District Consumptive Use Per	rmit #	4493
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 composite withdrawal quantities are dynamic and may fluctuathe permit. Permits are reviewed peridically to as 	ate beyond permitted quantities dur	
water management district.	AN WINDOWS WITH THE PROPERTY OF THE PROPERTY O	

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

		51110115B	WATER USED	TOTAL WATER	WATER SOLD
	WATER	FINISHED	FOR LINE	PUMPED AND	
	PURCHASED	WATER PUMPED	FLUSHING,	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,399	67	1,331	1,294
February	0	1,211	42	1,169	1,223
March	0	1,559.	. 47	1,512	1,386
April	0	1,498	48	1,450	1,459
May	0	1,733	47	1,686	1,548
June	0	1,355	49	1,306	1,512
July	0	1,473	43	1,430	1,251
August	0	1,381	44	1,337	1,247
September	0	1,306	52	1,254	1,296
October	0	1,993	69	1,924	1,164
November	0	1,853	84	1,769	1,695
December	0	1,424	90	1,334	1,550
Total for year	. 0	18,184	681	17,503	16,625

If water is purchased for re	sale, indicate the followin	g:			
Vendor	N/A				
Point of delivery	N/A				
	rece r attached				
If water is sold to other wat	er utilities for registributio	n, list names of s	such utilities belo	w:	
N/A					

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	250	360,000	Deep Well
Well # 2	75	108,000	Deep Well
	:	;	
TAMPAGE TO SERVICE TO		4	

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plan	nt (GPD):	* 108,000	(Reliable Peak Hour)
Location of mea	surement		
(I.e. WellHead, S	storage Tank):	WellHead and/or I	Distribution
Type of treatmen	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc,):	Chlorination	
	LIM	E TREATMENT	
Unit rating (i.e.,	GPM, pounds		
	GP M, pounds N/A	Manufacturer:	
Unit rating (i.e., per gallon):	N/A	Manufacturer:	
	N/A F		
per gallon):	N/A F area:	ELTRATION	

^{*} 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	292	292
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	. 0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	292	292

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
	13,467,389	238	365	155

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	1 .	2
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	. 0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	15	17

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separat	te page should be supplie	d where necessary.
Present ERC's * that system can efficiently serve.		238
2. Maximum number of ERCs * which can be served	**	174
3. Present system connection capacity (in ERCs *) us	sing existing lines.	346
4. Future connection capacity (in ERCs *) upon service	ce area buildout.	428
5. Estimated annual increase in ERCs *.	3	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates Projects completed 2002: Install 6,000 feet of new extend existing distribution lines 1,000 feet to serve Additional distribution system improvements design	main to replace and loop e new customers.	existing galvanized mains,
9. When did the company last file a capacity analysis	report with the DEP?	N/A
10. If the present system does not meet the requireme	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	sary to meet the DEP rule	es.
b. Have these plans been approved by DEP?	1111 18 11 18 11 12 11 11 11 11 11 11 11 11 11 11 11	
c. When will construction begin?		
d. Attach plans for funding the required upgrading	i.	
e. Is this system under any Consent Order with D	EP?	
11. Department of Environmental Protection ID #.	4490673	
12. Water Management District Consumptive Use Per	mit #	49-00970-W
a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
 b. If not, what are the utility's plans to gain compli- withdrawal quantities are dynamic and may fluctuon the permit. Permits are reviewed peridically to as: 	ate beyond permitted qua	,
water management district.		

^{*} 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.

Data here (page W-11) is total of both Interlachen Lakes Est. and Park Manor

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, -	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	1,122	1	1,122	1,059
February	0	1,033	10	1,024	924
March	0	1,321	4	1,317	1,085
April	0	1,267	20	1,247	1,180
May	0	1,636	16	1,620	1,308
June	0	1,135	0	1,135	1,133
July	0	1,235	0	1,235	1,091
August	0	1,221	0	1,221	996
September	0	1,074	0	1,074	1,084
October	0	1,105	0	1,104	1,028
November	0	987	1	986	1,034
December	0	1,067	1	1,066	858
Total for year	0	14,202	53	14,149	12,780

If water is purchased for resale, indicate the following:	
Vendor N/A	
Point of delivery N/A	
If water is sold to other water utilities for redistribution, list names of such utilities below:	
DATA ABOVE INCLUDES WATER PUMPED AND SOLD TO PARK MANOR	
·	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	180	259,200	Deep Well
Well # 2	160	230,400	Deep Well
		*	
•	.		

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	(GPD):	* 273,600	(Reliable Peak Hour)		
Location of meas	surement				
(I.e. WellHead, Storage Tank):		WellHead and/or [WellHead and/or Distribution		
Type of treatmen	t (reverse osmosis,				
(sedimentation, c	chemical, aerated, etc,):	Chlorination			
		•			
	Li	ME TREATMENT			
Unit rating (i.e., G		ME TREATMENT			
Unit rating (i.e., G		ME TREATMENT Manufacturer:			
	GPM, pounds		- 17-01-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-		
	SPM, pounds N/A	Manufacturer:	. ,		
per gallon):	SPM, pounds N/A N/a area:	Manufacturer:			

^{*} High Service

Data here (page W-13) is total of both Interlachen Lakes Est. and Park Manor

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	269	269
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	00	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	00
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	ał Residentiał Water System Meter Equi	valents	269	269

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	11,778,006	259	365	125
	•			

YEAR OF REPORT December 31, 2002

Data here (page W-13) is total of both Interlachen Lakes Est. and Park Manor

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
(a)	(b)	(c)	(u) **	(0)
5/8"	Displacement	1.0	3	3
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	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	00
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalents	4	8

OTHER WATER SYSTEM INFORMATION

urnish information below for each system. A separa	te page should be supplied where	necessary.
. Present ERC's * that system can efficiently serve.		259
. Maximum number of ERCs * which can be served	**	549
. Present system connection capacity (in ERCs *) us	sing existing lines.	367
Future connection capacity (in ERCs *) upon service	ce area buildout.	367
Estimated annual increase in ERCs *.	0	
Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates Relocate water mains along SR 20 estimated to be		ements of this system.
When did the company last file a capacity analysis	report with the DEP?	N/A
. If the present system does not meet the requireme	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading	1.	
e. Is this system under any Consent Order with D	EP?	
. Department of Environmental Protection ID #.	2540545	
. Water Management District Consumptive Use Per	rmit #	7986
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	ate beyond permitted quantities di	
the permit. Permits are reviewed peridically to as water management district.	certain whether modifications nee	d to be filed with the

^{*} 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: JUNGLE DEN / VOLUSIA #1802

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	295	0	0	295	252
February	244	0	0	243	242
March	239	0	2	238	270
April	202	0	0	202	205
May	173	0	0	173	162
June	177	0	0	177	167
July	14	0	0	14	149
August	14	0	1	13	166
September	8	0	0	8	138
October	4	0	0	4	123
November	7	0	0		144
December	15	0	1	14	188
Total for year	1,393	o	5	1,388	2,207

If water is purchased for re	sale, indicate the following:
Vendor	Astor-Astor Park Water Association
Point of delivery	4 inch Kent Meter @ Juno Trail and Alice Dr.
If water is sold to other wat	er utilities for redistribution, list names of such utilities below:
N/A	

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Astor		1	
			Gina a see a constant and a constant
			+
- 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1			!
	4		1
	·		
•	ii.	1	

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: JUNGLE DEN / VOLUSIA #1802

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plar	nt (GPD):		N/A	
Location of mea	surement			
(l.e. WellHead, S	Storage Tank):		N/A	
Type of treatme	nt (reverse osmosi	8,		
(sedimentation,	chemical, aerated,	etc,):	N/A	
		LIME TRI	EATMENT	
Unit rating (i.e.,	GPM, pounds			
Unit rating (i.e., per gallon):	GP M, pounds N/A		Manufacturer:	
= -		FILTR		
= -	N/A	FILTR		
per gallon):	N/A	FILTR N/A		

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	113	113
3/4"	Displacement	1.5	0	0
1"	Displacement	2,5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi		113	113

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
	2,160,930	113	365	52
	*			

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

OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separate	page should be supplied where r	necessary.
1.	Present ERC's * that system can efficiently serve.		113
2.	Maximum number of ERCs * which can be served **	•	N/A
3.	Present system connection capacity (in ERCs *) usin	ng existing lines.	128
4.	Future connection capacity (in ERCs *) upon service	area buildout.	128
5.	Estimated annual increase in ERCs *.	1	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates to None	for any enlargements or improven	nents of this system.
9.	When did the company last file a capacity analysis re	eport with the DEP?	N/A
10.	If the present system does not meet the requirement	ts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necessar	ary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	P?	
11.	Department of Environmental Protection ID #.	3644127	
12.	Water Management District Consumptive Use Perm	it#	N/A
	a. Is the system in compliance with the requiremen	its of the CUP?	
	b. If not, what are the utility's plans to gain complia	nce?	

^{*} 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.

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	132	132
3/4"	Displacement	1.5	0	(
1"	Displacement	2.5	0	(
1 1/2"	Displacement or Turbine	5.0	0	. С
2"	Displacement, Compound or Turb	8.0	0	C
3"	Displacement	15.0	0	C
3"	Compound	16.0	0	C
3".	Turbine	17.5	0	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
12"		215.0	0	

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

For wastewater only utilities:

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

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

Calculations:			Average		
	SFR Gallons So	ld	Customers	Days	ERC
	2,911,135	b.	130	365	61

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: JUNGLE DEN / VOLUSIA #1802

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	
3/4"	Displacement	1.5	0	(
1"	Displacement	2.5	0	(
1 1/2"	Displacement or Turbine	5.0	0	, (
2"	Displacement, Compound or Turb	8.0	0	(
3"	Displacement	15.0	0	(
3"	Compound	16.0	0	(
3".	Turbine	17.5	0	(
4"	Displacement or Compound	25.0	0	(
4"	Turbine	30	0	(
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	0	C
8"	Compound	80.0	0	C
8"	Turbine	90.0	0	C
10"	Compound	115.0	0	C
10"	Turbine	145.0	0	O
12"	Turbine	215.0	0	C
7	Fotal Commercial Wastewater Syst	em Meter Equiva	lents	1

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: JUNGLE DEN / VOLUSIA #1802

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	T		T	
Permitted Capacity (gpd)	21,000			
Basis of Permit Capacity (1)	AADF			
Manufacturer	DAVCO	***		
Type (2)	Extended Aeration			
Hydraulic Capacity (gpd)	21,000			
Average Daily Flow (mgd)	0.021	(Average of Max Month)		
Total Gallons of WW Treated (mg)	5.026			
Method of Effluent Disposal	Percolation Pond, Spray Irrigation			

⁽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: JUNGLE DEN / VOLUSIA #1802

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

5. Estimated annual increase in ERCs* O Describe any plans and estimate completion dates for any enlargements or improvements of None 7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? 9. Has the utility been required by DEP or water management district to implement reuse?	
Present system connection capacity (in ERCs*) using existing lines. 144 Future connection capacity (in ERCs*) upon service area buildout.*** 157 Estimated annual increase in ERCs* 0 Describe any plans and estimate completion dates for any enlargements or improvements of None If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? Has the utility been required by DEP or water management district to implement reuse?	
4. Future connection capacity (in ERCs*) upon service area buildout.*** 157 5. Estimated annual increase in ERCs* 0 6. Describe any plans and estimate completion dates for any enlargements or improvements of None 7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? 9. Has the utility been required by DEP or water management district to implement reuse?	
5. Estimated annual increase in ERCs* O Describe any plans and estimate completion dates for any enlargements or improvements of None 7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? 9. Has the utility been required by DEP or water management district to implement reuse?	
Describe any plans and estimate completion dates for any enlargements or improvements of None 7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? 9. Has the utility been required by DEP or water management district to implement reuse?	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users a of reuse provided to each, if known. N/A 8. If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? 9. Has the utility been required by DEP or water management district to implement reuse?	
If the utility does not engage in reuse, has a reuse feasibility study been completed? If so, when? Has the utility been required by DEP or water management district to implement reuse?	nd the amount
Has the utility been required by DEP or water management district to implement reuse?	Мо
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 this requirement?	
10. When did the company last file a capacity analysis report with the DEP? June	00
11. If the present system does not meet the requirements of DEP rules: N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules	•
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID # FLA011261	

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

PUMPING AND PURCHASED WATER STATISTICS

SYSTEM IS ITERCONNECTED WITH KEYSTONE HEIGHTS

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	2,704	234	2,471	1,002
February	0-	2,378	207	2,170	737
March	0	4,493	· 198	4,295	909
April	0	5,731	365	5,366	1,129
May	0	5,204	422	4,782	1,284
June	0	3,692	384	3,308	1,471
July	0	3,323	291	3,032	922
August	0	2,835	370	2,465	939
September	0	2,810	207	2,603	822
October	0	3,004	210	2,795	830
November	0	2,483	216	2,267	930
December	0	3,086	167	2,919	725
	Total Sold here fo	or Keystone Club onl	у		
Total for year	0	41,743	3,270	38,473	11,699

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

		CAPACITY	GALLONS		
		OF WELL	PER DAY	TYPE OF	
List for each source of supply:	gpm		FROM SOURCE	SOURCE	
Well #1		350	504,000	Deep Well	
Well # 2	į	450	648,000	Deep Well	
	i				
delication and the second seco				!	
			1	!	
	•				

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: KEYSTONE CLUB ESTATES /

BRADFORD #1279

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 504,000	(Reliable Peak Hour)
Location of measurement		
(I.e. WellHead, Storage Tank):	WellHead and	d/or Distribution
Type of treatment (reverse osmosis,		
(sedimentation, chemical, aerated, etc	.): Chlorination	
	LIME TREATMENT	
Unit rating (i.e., GPM, pounds		
Office tacing (i.e., Griss, pounds		
- · · · · · · · · · · · · · · · · · · ·	Manufactu	irer:
- · · · · · · · · · · · · · · · · · · ·	Manufactu FILTRATION	IFOT:
- · · · · · · · · · · · · · · · · · · ·		irer:
per gallon): N/A		

^{*} Wells

^{*} Interconnected with Keystone Heights.

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	6	15
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	tal Residential Water System Meter Equi	valents	195	211

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	11,699,260	168	365	191

YEAR OF REPORT December 31, 2002

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

BRADFORD #1279

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	te page should be supplied where	necessary.
Present ERC's * that system can efficiently serve.		168
2. Maximum number of ERCs * which can be served	**	660
3. Present system connection capacity (in ERCs *) us	sing existing lines.	175
4. Future connection capacity (in ERCs *) upon service	ce area buildout.	175
5. Estimated annual increase in ERCs *.	2	
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7. Attach a description of the fire fighting facilities.	N/A	
Describe any plans and estimated completion dates Well #2 rehabilitation initiated 1/6/03. Constructon		ments of this system.
9. When did the company last file a capacity analysis	report with the DEP?	N/A
0. If the present system does not meet the requireme	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	sary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading		
e. Is this system under any Consent Order with Di	EP?	
Department of Environmental Protection ID #.	2040412	
2. Water Management District Consumptive Use Per	mit #	431
a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
 b. If not, what are the utility's plans to gain compli withdrawal quantities are dynamic and may fluctuate 		It should be noted that
the permit. Permits are reviewed peridically to assume water management district.	certain whether modifications need	I to be filed with the

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: KEYSTONE HEIGHTS / CLAY #1094

Data here (page W-12) is total of both Keystone Heights and Keystone Club Estates

PUMPING AND PURCHASED WATER STATISTICS

			WATER USED	TOTAL WATER	
	WATER	FINISHED	FOR LINE	PUMPED AND	WATER SOLD
	PURCHASED	WATER PUMPED	FLUSHING, "	PURCHASED	то
	FOR RESALE	FROM WELLS	FIGHTING	(Omit 000's)	CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	(f)
January	0	8,949	151	8,799	9,870
February	0	8,146	205	7,940	11,183
March	0	10,024	. 189	9,836	6,396
April	0	11,640	39	11,601	11,937
May	0	14,906	336	14,570	15,514
June	0	10,618	220	10,398	15,629
July	0	10,548	205	10,343	11,480
August	0	10,335	141	10,194	10,892
September	o	9,033	148	8,885	10,460
October	0	10,060	175	9,885	10,193
November	0	8,496	152	8,344	10,163
December	0	7,624	138	7,486	9,074
Fotal for year	0	120,379	2,099	118,280	132,791

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

		CAPACITY	GALLONS	TYPE OF
List for each source of supply:	_	OF WELL gpm	PER DAY FROM SOURCE	SOURCE
Well #1		250	360,000	Deep Well
Well # 2 (Not in use)		0	0	Deep Well
Well # 3		750	1,080,000	Deep Well
	!			
		 	•	·
	•			

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: KEYSTONE HEIGHTS / CLAY #1094

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant	t (GPD):	* 360,000	(Reliable Peak Hour)
Location of meas	surement		
(l.e. WellHead, St	torage Tank):	WellHead and/or	Distribution
Type of treatmen	it (reverse osmosis,		
(sedimentation, o	chemical, aerated, etc.):	Chlorination	
	LIM	E TREATMENT	
Unit rating (i.e., G	GPM, pounds		
	GP M, pounds N/A	Manufacturer:	
Unit rating (i.e., G	N/A	Manufacturer	
per gallon):	N/A F		
	N/A F area:	ILTRATION	

^{*} Wells

^{*} Interconnected with Keystone Club Estates.

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	984	984
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine 8.0	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	987	997

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
85,690,902	939	365	250
v			
		SFR Galions Sold Customers 85,690,902 939	SFR Gallons Sold Customers Days 85,690,902 939 365

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(e)
5/8"	Displacement	1.0	117	117
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	22	55
1 1/2"	Displacement or Turbine	5.0	6	30
2"	Displacement, Compound or Turbine	8.0	15 0	120 0
3"	Displacement	15.0		
3"	Compound	16.0	0	0
3"	Turbine	17.5	5	88
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	4	120
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tota	al Commercial Water System Meter Equ	ivalente	169	530

OTHER WATER SYSTEM INFORMATION

Fι	rnish information below for each system. A separate	e page should be supplied where no	ecessary.
1.	Present ERC's * that system can efficiently serve.		939
2.	Maximum number of ERCs * which can be served *	*	360
3.	Present system connection capacity (in ERCs *) using existing lines.		1,035
4.	Future connection capacity (in ERCs *) upon service	area buildout.	1,217
5.	Estimated annual increase in ERCs *.	1	
6.	Is the utility required to have fire flow capacity?	Yes	
	If so, how much capacity is required?	1000 gpm	-
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates Projects completed 2002: Interconnect system with SR 21 utility relocation estimated to be completed 7	Triest subdivision.	ents of this system.
10.	If the present system does not meet the requirement a. Attach a description of the plant upgrade necess b. Have these plans been approved by DEP?		N/A
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		-
	e. Is this system under any Consent Order with DE	P?	
11.	Department of Environmental Protection ID #.	2100610	
12.	Water Management District Consumptive Use Perm	nit #	431
	a. Is the system in compliance with the requiremen	nts of the CUP?	Yes,
	b. If not, what are the utility's plans to gain complia withdrawal quantities are dynamic and may fluctuat		It should be noted that
	the permit. Permits are reviewed peridically to asce	ertain whether modifications need t	o be filed with the
	water management district.		

^{*} 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: KINGSWOOD / BREVARD #1701

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	227	0	0	227	301
February	259	0	0	259	280
March	275	0	. 0	275	289
April	577	0	0	577	308
May	323	0	0	323	295
June	279	o	0	279	314
July	321	0	0	321	271
August	344	0	0	344	311
September	373	0	0	373	280
October	392	0	0	392	564
November	368	0	0	368	365
December	313	0	0	313	292
Total for year	4,051	0	0	4,051	3,870

f water is purchased for re	sale, indicate the following:
Vendor	Brevard County Utilities
Point of delivery	4" Compound Badger meter at entrance to Kingswood Subdivision
f water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
f water is sold to other wat	ter utilities for redistribution, list names of such utilities below:
	ter utilities for redistribution, list names of such utilities below:
	ter utilities for redistribution, list names of such utilities below:
	ter utilities for redistribution, list names of such utilities below:

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Interconnected with Brevard County Utilities		·	
		; :	
			1
4			

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plai	nt (GPD):		N/A	
Location of mea	surement			
(I.e. WellHead, S	Storage Tank):		N/A	
Type of treatme	nt (reverse osmosis,			
(sedimentation,	chemical, aerated, e	tc,):	N/A	
			•	
		LIME TRE	ATMENT	
Unit rating (i.e.,	GPM, pounds	LIME TRE	ATMENT	
Unit rating (i.e., per gallon):	GPM, pounds N/A	LIME TRE	ATMENT Manufacturer:	
	•	LIME TRE	Manufacturer:	
	N/A		Manufacturer:	
per gallon):	N/A f area:		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	66	66
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	66	66

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	3,867,054	60	365	177
	•			

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: KINGSWOOD / BREVARD #1701

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where n	iecessary,
Present ERC's * that system can efficiently serve.	60
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	62
4. Future connection capacity (in ERCs *) upon service area buildout.	62
5. Estimated annual increase in ERCs *. 0	
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	-
7. Attach a description of the fire fighting facilities. N/A	
Describe any plans and estimated completion dates for any enlargements or improvem None	nents of this system.
When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #. 3054101	
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	P. JANUA WARI
b. If not, what are the utility's plans to gain compliance?	

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: LAKE AJAY / OSCEOLA #773

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	875	0	875	1,039
February	0	820	0	820	729
March	0	1,151	0	1,151	852
April	0	1,237	0	1,237	1,146
May	0	1,558	0	1,558	1,325
June	0	924	0	924	1,142
July	0	777	0	777	729
August	0	779	0	779	737
September	0	781	0	781	670
October	o	1,036	0	1,036	951
November	0	994	0	994	899
December	0	859	0	859	851
Total for year	0	11,789	0	11,789	11,071

	***************************************		· ······	
If water is purchased for re-	sale, indicate the following:			
Vendor	N/A			
Point of delivery	N/A			
If water is sold to other wat	er utilities for redistribution, list	names of such utilities	s below:	
N/A				

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well # 2	85	122,400	Deep Well
Well # 3	100	144,000	Deep Well - Off Line
Well # 4	85	122,400	Deep Well
	:		
	A PARTITION OF THE PART		
*	The second of th		

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: LAKE AJAY / OSCEOLA #773

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 230,400	(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 A	eration	
	LIME TRE	ATMENT		
	CINIC IIIC	ATMENT		
Unit rating (i.e., GPM, pounds	ERAIS IIVE	Aimen		
• • • • • • • • • • • • • • • • • • • •	MITTE TIXE	Manufacturer:		
Unit rating (i.e., GPM, pounds per gallon): N/A	FILTRA	Manufacturer:		
per gallon): N/A		Manufacturer:		
• • • • • • • • • • • • • • • • • • • •		Manufacturer:		

^{*} Limited by High Service Pumps

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	97	97
3/4"	Displacement	1.5	1	2
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
Tot	al Residential Water System Meter Equi	valents	100	106

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	11,070,660	96	365	316
1				

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

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: LAKE AJAY / OSCEOLA #773

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separa	ate page should be supplied where	necessary.
 Present ERC's * that system can efficiently serve. 		96
2. Maximum number of ERCs * which can be served	**	182
3. Present system connection capacity (in ERCs *) u	sing existing lines.	98
4. Future connection capacity (in ERCs *) upon servi	ce area buildout.	98
5. Estimated annual increase in ERCs *.	2	
6. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	250 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
Describe any plans and estimated completion date None	es for any enlargements or improve	ments of this system.
When did the company last file a capacity analysis	report with the DEP?	N/A
0. If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	ssary to meet the DEP rules.	
b. Have these plans been approved by DEP?		· · · · · · · · · · · · · · · · · · ·
c. When will construction begin?		
d. Attach plans for funding the required upgrading	g.	
e. Is this system under any Consent Order with E	DEP?	
Department of Environmental Protection ID #.	3491956	
2. Water Management District Consumptive Use Pe	rmit #	49-00415-W
a. Is the system in compliance with the requirem	ents of the CUP?	Yes,
b. If not, what are the utility's plans to gain comp	liance?	It should be noted that
withdrawal quantities are dynamic and may fluctu	ate beyond permitted quantities du	ring the duration of
the permit. Permits are reviewed peridically to as	scertain whether modifications need	i to be filed with the
water management district.		

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

SYSTEM NAME / COUNTY: LAKE BRANTLEY / SEMINOLE #325

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	458	0	458	402
February	0	411	0	411	352
March	0	502	. 0	502	424
April	0	628	0	628	579
May	0	756	0	756	588
June	0	510	0	510	574
July	0	487	0	487	427
August	0	469	270	199	406
September	0	460	0	460	402
October	0	510	0	510	458
November	0	606	10	596	411
December	0	772	0	772	676
Total for year	0	6,568	280	6,288	5,699

16	anta indianta tha fallaccina				
If water is purchased for re	sale, indicate the following	•			
Vendor	N/A				
Point of delivery	N/A				
If water is sold to other wat	er utilities for redistribution	, list names of such ut	tilities below:		
N/A					
				•	
L				· · · · · · · · · · · · · · · · · · ·	

	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
		i	:
	!		
	1		

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: LAKE BRANTLEY / SEMINOLE #325

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 144,000	(Peak Hour)
Location of measu	rement	•	
(i.e. WellHead, Sto	rage Tank):	WellHead and/or	Distribution
Type of treatment ((reverse osmosis,		
(sedimentation, ch	emical, aerated, etc,):	Chlorination and	Aeration
	LI	ME TREATMENT	
Unit rating (i.e., GP	M, pounds		
Unit rating (i.e., GP per gallon):	M, pounds N/A	Manufacture	r
• •	· •	Manufacture:	·
• •	N/A		r:
per gallon):	N/A ea:		

^{*} High Service

SYSTEM NAME / COUNTY: LAKE BRANTLEY / SEMINOLE #325

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	70	70
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
Tot	al Residential Water System Meter Equi	valents	71	78

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
	5,688,360	68	365	229

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	` Turbine	62.5	0	0
8"	Compound	80,0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
T-4.	al Commercial Water System Meter Equ	ilanda	0	0

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied wh	nere necessary.
Present ERC's * that system can efficiently serve.	68
. Maximum number of ERCs * which can be served **	157
. Present system connection capacity (in ERCs *) using existing lines.	80
. Future connection capacity (in ERCs *) upon service area buildout.	80
Estimated annual increase in ERCs *. 0	
Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
Attach a description of the fire fighting facilities.	
Describe any plans and estimated completion dates for any enlargements or imp	rovements of this system.
When did the company last file a capacity analysis report with the DEP?	N/A
. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
. Department of Environmental Protection ID #. 3590685	
2. Water Management District Consumptive Use Permit #	8361
a. Is the system in compliance with the requirements of the CUP?	Yes,
 b. If not, what are the utility's plans to gain compliance? withdrawal quantities are dynamic and may fluctuate beyond permitted quantities the permit. Permits are reviewed peridically to ascertain whether modifications 	
water management district.	

^{*} An ERC is determined based on the calculation on W-13

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

PUMPING AND PURCHASED WATER STATISTICS

MONTH	WATER PURCHASED FOR RESALE (Omit 000's)	FINISHED WATER PUMPED FROM WELLS (Omit 000's)	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	7,454	660	6,794	6,584
February	0	6,789	69	6,720	6,146
March	0	8,836	334	8,502	6,100
April	0	9,243	2,316	6,927	7,213
May	0	11,432	528	10,904	6,844
June	0	7,425	414	7,010	8,914
July	0	7,093	502	6,591	5,908
August	0	7,407	757	6,650	5,843
September	0	6,608	772	5,836	5,847
October	0	7,413	262	7,151	5,452
November	0	6,778	261	6,517	6,199
December	0	6,611	413	6,198	5,466
otal for year	0	93,088	7,288	85,800	76,514

te the following:
N/A
N/A
or 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	700	1,008,000	Deep Well
Well # 2	400	576,000	Deep Well
	<u> </u>	ļ	
	-		
			!
b			-

UTILITY NAME: FLORIDA WATER SERVICES

SYSTEM NAME / COUNTY: LAKE GIBSON / POLK #210

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plar	nt (GPD):	* 576,000	(Reliable Peak Hour)
Location of mea	surement		
(I.e. WellHead, S	Storage Tank):	WellHead and/or	Distribution
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc.):	Chlorination	
	LI	ME TREATMENT	
Unit rating (i.e.,	GPM, pounds		
	GPM, pounds N/A	Manufacturer	
Unit rating (i.e., per gallon):	•	Manufacturer: FILTRATION	
	N/A	T SPANISHANDING CONTROL THE	
per gallon):	N/A f area:	T SPANISHANDING CONTROL THE	

^{*} Wells

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d)	(e)
5/8"	Displacement	1.0	810	810
3/4"	Displacement	1.5	2	. 3
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	817	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	
	71,992,365	800	365	247	
	•				

METER SIZE	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	11	11
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	2	5
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	al Commercial Water System Meter Equ	ivalents	18	47

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplie	d where necessary.
1. Present ERC's * that system can efficiently serve	/e.	800
2. Maximum number of ERCs * which can be serve	ed **	584
3. Present system connection capacity (in ERCs *)	using existing lines.	820
4. Future connection capacity (in ERCs *) upon sen	rvice area buildout.	839
5. Estimated annual increase in ERCs *.	0	
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.		
 Describe any plans and estimated completion date None. However, feasibility of installing an interco of Daughtery Road to serve fire needs will be invented. 	onnect with Polk County distr	mprovements of this system. ibutionI system at west end
When did the company last file a capacity analysis	s report with the DEP?	N/A
If the present system does not meet the requirement	ents of the DEP rules:	N/A
a. Attach a description of the plant upgrade neces	essary to meet the DEP rules	
b. Have these plans been approved by DEP?		
c. When will construction begin?		-
d. Attach plans for funding the required upgrading	g.	
e. Is this system under any Consent Order with D	DEP?	
Department of Environmental Protection ID #.	6532347	
2. Water Management District Consumptive Use Per	rmit #	207878.02
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 compli		It should be noted that
withdrawal quantities are dynamic and may fluctua	ate beyond permitted quantit	ies during the duration of
the permit. Permits are reviewed peridically to asc	certain whether modifications	s need to be filed with the
water management district.		77.44

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: LAKE GIBSON / POLK #210

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	309	309
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	309

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:					
	SFR Gallons Sold		Customers	Days	ERC
	17,409,010		301	365	158

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: LAKE GIBSON / POLK #210

TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
-
(
(
8
C
C
C
C
C
C
0
0
0
0
0
0
_

SYSTEM NAME / COUNTY: LAKE GIBSON / POLK #210

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate 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.

^{*} Interconnected with Polk county as of August 2002

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: LAKE GIBSON / POLK #210

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

	301 Interconnected
. Maximum number of ERC's * which can be served. N/A	**
** Note: SFR gallons sold is not representative of total ww flow at plant. Present system connection capacity (in ERCs*) using existing lines.	304
. Tresent system connection capacity (in Error) using existing inter-	
Future connection capacity (in ERCs*) upon service area buildout.***	304
Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any enlargement Collection system rehabilitation work will continue in 2003 to recommend to the continue i	
If the utility uses reuse as a means of effluent disposal, attach a list of the of reuse provided to each, if known. N/A	he reuse end users and the amount
If the utility does not engage in reuse, has a reuse feasibility study been	n completed? No
If so, when?	
If so, when? Has the utility been required by DEP or water management district to im	nplement reuse? No
Has the utility been required by DEP or water management district to im	ment?
Has the utility been required by DEP or water management district to im If so, what are the utility's plans to comply with this requirer	ment?
Has the utility been required by DEP or water management district to im If so, what are the utility's plans to comply with this requirer D. When did the company last file a capacity analysis report with the DEP 1. If the present system does not meet the requirements of DEP rules: a. Attach a description of the plant upgrade necessary to report the plant upgrade necessary to report the plant upgrade necessary.	P? April-99 N/A meet the DEP rules.
Has the utility been required by DEP or water management district to im If so, what are the utility's plans to comply with this requirer D. When did the company last file a capacity analysis report with the DEP 1. If the present system does not meet the requirements of DEP rules: a. Attach a description of the plant upgrade necessary to report the plant upgrade necessary to report the plant upgrade necessary.	ment? P? April-99 N/A

S-13 20210 SYSTEM 1

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: LAKE HARRIET / SEMINOLE #323

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	317	2,277	0	2,594	2,593
February	20	2,114	38	2,096	2,104
March	0	2,394	165	2,229	2,077
April	110	2,539	0	2,649	2,363
May	9	3,152	90	3,071	2,825
June	150	2,136	0	2,286	2,711
July	34	2,214	432	1,816	1,956
August	0	2,099	0	2,099	2,088
September	8	2,104	72	2,040	1,905
October	82	2,257	165	2,174	2,091
November	0	2,112	135	1,977	2,226
December	0	2,017	0	2,017	2,141
Total for year	730	27,415	1,097	27,048	27,080

If water is purchased for re	sale, indicate the following:
Vendor	City of Altamonte Springs
Point of delivery	6" Neptune meter at the WTP
If water is sold to other wat	er utilities for redistribution, list names of such utilities below:
N/A	
	•

	CAPACITY OF WELL	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
Well #1	600	864,000	Deep Well
		4	
		!	

SYSTEM NAME / COUNTY: LAKE HARRIET / SEMINOLE #323

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 576,000	(Peak Hour)	
Location of measurement				
(I.e. WellHead, Storage Tank):		WellHead and/or Distribution		
Type of treatment (reverse osmos	is,			
(sedimentation, chemical, aerated	l, etc,):	Chlorination and Ae	ration	
	LIME T	REATMENT		
Unit rating (i.e., GPM, pounds				
	A STATE OF THE STA	Manufacturer:		
	FILT	Manufacturer:		
	FILT			
per gallon): N/A	FiLT N/A			

^{*} Limited by High Service

^{*} Emergency Interconnect with Altamonte Springs.

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	285	285
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valents	285	285

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	23,370,322	273	365	235
	•			
	·			

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	19	19
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalente	21	24

OTHER WATER SYSTEM INFORMATION

Fu	urnish information below for each system. A separat	te page should be supplied where a	necessary.
1.	Present ERC's * that system can efficiently serve.		273
2 .	Maximum number of ERCs * which can be served *	**	614
3.	Present system connection capacity (in ERCs *) using existing lines.		304
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	310
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?	Yes	
	If so, how much capacity is required?	600 gpm	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates None.	s for any enlargements or improver	nents of this system.
9.	When did the company last file a capacity analysis r	report with the DEP?	N/A
10.	If the present system does not meet the requirement	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade necess	sary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with Di	EP?	
11.	Department of Environmental Protection ID #.	3590699	
12.	Water Management District Consumptive Use Peri	mit#	8356
	a. Is the system in compliance with the requireme	ents of the CUP?	Yes,
	b. If not, what are the utility's plans to gain compli		It should be noted that
	withdrawal quantities are dynamic and may fluctua		
	the permit. Permits are reviewed peridically to asc	certain whether modifications need	to be filed with the
	water management district.		

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: LAKEVIEW VILLAS / CLAY #1054

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	42	0.	42	70
February	0	41	0	41	33
March	0	42	. 0	42	42
April	0	49	0	49	41
May	0	55	0	55	46
June	0	45	0	45	54
July	0	44	0	44	43
August	0	38	0	38	45
September	0	46	0	46	34
October	0	42	0	42	41
November	0	38	2	36	41
December	0	41	2	39	34
Total for year	o	521	4	517	524

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

	CAPAC OF WE		GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm		ROM SOURCE	SOURCE
Well #1		25	36,000	Deep Well
	<u> </u>		· i	
			·	

SYSTEM NAME / COUNTY: LAKEVIEW VILLAS / CLAY #1054

YEAR OF REPORT December 31, 2002

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 Dis	tribution
Type of treatment (reverse osmosis	s,		
(sedimentation, chemical, aerated,	etc,):	Chlorination	
	LIME T	REATMENT	
Unit rating (i.e., GPM, pounds			
-, , , , ,		Manufacturer:	
-, , , , , , , , , , , , , , , , , , ,	FILTI	Manufacturer:	
per gallon): N/A	FILT		
-, , , , , , , , , , , , , , , , , , ,	FILT		

^{*} Well

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
			**	
5/8"	Displacement	1.0	16	16
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	00
8"	Compound	80.0	0	00
8"	Turbine	90.0	0	00
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	00
12"	Turbine	215.0	0	0
	al Residential Water System Meter Equi		16	16

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
	524,040	12	365	120

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separate	e page should be supplied where i	necessary.
1.	Present ERC's * that system can efficiently serve.		12
2.	Maximum number of ERCs * which can be served *	*	75
3.	Present system connection capacity (in ERCs *) usi	ng existing lines.	26
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	30
5.	Estimated annual increase in ERCs *.	1	
6.	Is the utility required to have fire flow capacity? If so, how much capacity is required?	No	
7.	Attach a description of the fire fighting facilities.	N/A	
8.	Describe any plans and estimated completion dates None	for any enlargements or improven	nents of this system.
۵	When did the company last file a capacity analysis re	enort with the DEP2	N/A
	If the present system does not meet the requiremen		N/A
10.	Attach a description of the plant upgrade necess		
		sary to meet the DEF Tules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading.		
	e. Is this system under any Consent Order with DE	EP?	
11.	Department of Environmental Protection ID #.	2104350	
12.	Water Management District Consumptive Use Pern	nit#	N/A
	a. Is the system in compliance with the requiremen	nts of the CUP?	tion makes should be transferred to the
	b. If not, what are the utility's plans to gain complia	ance?	

^{*} 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.

LEHIGH 2002 Page W-11 Exhibit: Lehigh-1 PAGE # 1 of 1

List for each source of supply:

WELLS	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	Type of source
Well # 01	150	216,000	Sandstone Aquifer Well
Well # 02	150	216,000	Sandstone Aquifer Well
Well # 03	200	288,000	Sandstone Aquifer Well
Well # 04	150	216,000	Sandstone Aquifer Well
Well # 05	150	216,000	Sandstone Aquifer Well
Well # 06	100	144,000	Sandstone Aquifer Well
Well # 07	200	288,000	Sandstone Aquifer Well
Well # 08	250	360,000	Sandstone Aquifer Well
Well # 09	200	288,000	Sandstone Aquifer Well
Well # 10	350	504,000	Sandstone Aquifer Well
Well # 19	200	288,000	Sandstone Aquifer Well
Well # 20	200	288,000	Sandstone Aquifer Well

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	56,716	6,172	50,545	47,835
February	0	54,472	9,719	44,753	42,096
March	0	62,108	5,821	56,287	47,414
April	0	61,773	3,469	58,304	50,186
May	0	66,947	8,715	58,232	55,693
June	0	54,332	5,971	48,361	49,444
July	0	54,456	5,787	48,669	43,253
August	0	58,421	10,057	48,364	40,494
September	0	54,180	11,090	43,091	44,055
October	0	58,754	12,106	46,648	44,270
November	0	58,944	8,370	50,575	45,107
December	0	59,526	6,872	52,654	45,939
Total for year	0	700,631	94,148	606,483	555,786

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

	CAPACITY	GALLONS	
	OF WELL	PER DAY	TYPE OF
List for each source of supply:	gpm	FROM SOURCE	SOURCE
See Exhibit: Lehigh-1		1	
		:	
		!	
•	1		

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of r	Plant (GPD):	•	2,808,000	(Reliable Max Day Capacity)
Location of n	neasurement			
(I.e. WellHead	d, Storage Tank):		WellHead and/or Dist	ribution
Type of treat	ment (reverse osmosis	; ,		
(sedimentatio	on, chemical, aerated,	etc,):	Chlorination, Aeration	, Sedimentation and Filtration
		LIME TREA	TMENT	
Unit rating (i.	e., GPM, pounds			
	e., GPM, pounds 2unit - 1000gpm #3		Manufacturer:	Infilco/Degremont
			Manufacturer:	Infilco/Degremont
	2unit - 1000gpm #3	FILTRA		Infilco/Degremont
per gallon):	2unit - 1000gpm #3 unit 1200gpm	FILTRAT		Infilco/Degremont
Unit rating (i. per gallon): Type and size Pressure (in s	2unit - 1000gpm #3 unit 1200gpm e of area:	FILTRAT		Infilco/Degremont

^{*} Wells

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
			**	
5/8"	Displacement	1.0	9,887	9,887
3/4"	Displacement	1.5	11	2
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	4	70
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	1	145
12"	Turbine	215.0	0	0
T.4	al Residential Water System Meter Equi	valente	9,900	10,132

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)		Average		
	SFR Galions Sold	Customers	Days	ERC
	453,813,826	9,469	365	131

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	355	355
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	78	195
1 1/2"	Displacement or Turbine	5.0	44	220
2"	Displacement, Compound or Turbine	8.0	73	584
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	15	263
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	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Water System Meter Equivalents			568	1,711

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A separ	ate page should be supplied where	necessary.
1. Present ERC's * that system can efficiently serve		9,469
2. Maximum number of ERCs * which can be served	1 **	10,693
3. Present system connection capacity (in ERCs *) u	using existing lines.	10,235
4. Future connection capacity (in ERCs *) upon serv	ice area buildout.	102,346
5. Estimated annual increase in ERCs *.	674	
6. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	2000 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
 Describe any plans and estimated completion date Projects completed 2002: Upgrade electrical sys improve pressures in southwest Lehigh, added 4 Project to be completed in 2003 and 2004; add significant completed. 	tem at water treatment plant, instal gravity sand filters and 0.500 mgd	l booster pump to capacity at wtp
Project to be completed in 2000 and 2004, and 3	coolid water treatment plant, and b	actual production itsi
9. When did the company last file a capacity analysis	s report with the DEP?	N/A
0. If the present system does not meet the requirem	nents of the DEP rules;	N/A
a. Attach a description of the plant upgrade nece	essary to meet the DEP rules.	
b. Have these plans been approved by DEP?	,	
c. When will construction begin?		
d. Attach plans for funding the required upgradin	g.	
e. Is this system under any Consent Order with	DEP?	
11. Department of Environmental Protection ID #.	5360172	
12. Water Management District Consumptive Use Pe	ermit #	36-00166-W
a. Is the system in compliance with the requirem	nents of the CUP?	Yes,
 b. If not, what are the utility's plans to gain comp withdrawal quantities are dynamic and may fluct 		It should be noted that uring the duration of
the permit. Permits are reviewed peridically to a		
water management district.		

^{*} 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.

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	8,040	8,040
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	, 0
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	1	145
12"	Turbine	215.0	0	0
	Total Residential Wastewater Syst	em Meter Equival	ents	8,198

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
	283,832,966	7,471	365	104

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	234	234
3/4"	Displacement	1.5	1	-
1"	Displacement	2.5	54	135
1 1/2"	Displacement or Turbine	5.0	36	. 180
2"	Displacement, Compound or Turb	8.0	28	224
3"	Displacement	15.0	0	(
3"	Compound	16.0	0	(
3",	Turbine	17.5	9	158
4"	Displacement or Compound	25.0	0	C
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	C
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	C
10"	Turbine	145.0	0	C
12"	Turbine	215.0	0	0
7	Fotal Commercial Wastewater Syst	tem Meter Equival	lents	1,02

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	2,300,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Clow	Davco	
Type (2)	Contact Stabilization	n w/tertiary filtration	
Hydraulic Capacity (gpd)	2,300,000		
Average Daily Flow (mgd)	2.553	(Average of Max Month)	
Total Gallons of WW Treated (mg)	704.986		
Method of Effluent Disposal	Percolation Ponds,	Golf Courses	

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

YEAR OF REPORT December 31, 2002

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied where necessary.
Present number of ERC's * now being served.	7,471
2. Maximum number of ERC's * which can be served.	22,115 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
Present system connection capacity (in ERCs*) using ex	isting lines. 10,772
4. Future connection capacity (in ERCs*) upon service area	buildout.*** 103,691
5. Estimated annual increase in ERCs* 52	
 Describe any plans and estimate completion dates for an Projects completed in 2002: Improvements to perc collection system improvements to reduce I&I, colle 	pond berms to increase disposal capacity,
Projects to be completed in 2003: reuse to Majestic	
reroute Zenon plant effluent	
. If the utility uses reuse as a means of effluent disposal, a	ttach a list of the reuse end users and the amount
of reuse provided to each, if known. See Exhib	it Q-7
3. If the utility does not engage in reuse, has a reuse feasible If so, when?	. 44 (44) (44) (44) (44) (44) (44) (44)
Has the utility been required by DEP or water manageme	nt district to implement reuse? No
If so, what are the utility's plans to comply with	this requirement?
10. When did the company last file a capacity analysis repo	rt with the DEP? January-97
11. If the present system does not meet the requirements o a. Attach a description of the plant upgrade n b. Have these plans been approved by DEP?	ecessary to meet the DEP rules.
c. When will construction begin? 4/02 and	was complete 8/02
d. Attach plans for funding the required upgra	ading. 02CS709
e. Is this system under any Consent Order w	ith DEP? Closed by FDEP on 3/31/03
12. Department of Environmental Protection ID #	FLA014565-0901-DWIP

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: LEILANI HEIGHTS / MARTIN #675

PUMPING AND PURCHASED WATER STATISTICS

	WATER PURCHASED FOR RESALE	FINISHED WATER PUMPED FROM WELLS	WATER USED FOR LINE FLUSHING, FIGHTING	PUMPED AND PURCHASED (Omit 000's)	WATER SOLD TO CUSTOMERS
MONTH	(Omit 000's)	(Omit 000's)	FIRES, ETC.	[(b)+(c)-(d)]	(Omit 000's)
(a)	(b)	(c)	(d)	(e)	<u>(f)</u>
January	0	3,101	1	3,101	3,03
February	0	2,324	1	2,323	2,795
March	0.	3,411	1	3,410	2,974
April	0	3,547	3	3,544	3,378
May	0	4,190	1	4,189	3,195
June	0	3,077	2	3,075	4,646
July	0	3,130	3	3,127	2,684
August	0	3,366	1	3,365	2,991
September	0	3,110	1	3,109	3,266
October	0	3,669	2	3,668	3,266
November	0	3,237	2	3,234	3,512
December	0	2,832	1	2,830	3,510
Total for year	o	38,995	19	38,975	39,24

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

	CAPACITY OF WELL	- 1	GALLONS PER DAY	TYPE OF
List for each source of supply:	gpm		FROM SOURCE	SOURCE
Well #1	3	70	532,800	Deep Well
Well # 2	1	00	144,000	Deep Well
			! 	1

SYSTEM NAME / COUNTY: LEILANI HEIGHTS / MARTIN #675

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

oupacity of Flat	nt (GPD):	* 144,000	(Reliable Peak Hour)

Location of mea	surement		
(I.e. WellHead, S	Storage Tank):	WellHead and/or Distribution	
Type of treatme	nt (reverse osmosis,		
(sedimentation,	chemical, aerated, etc.):	Chlorination	
	LIME	TREATMENT	
11.11	CDM nounda		
Unit rating (i.e.,	GPW, pourius		
per gallon):	N/A	Manufacturer	:
	N/A	Manufacturer LTRATION	:
	N/A FI	NATION AND ADDRESS OF THE PARTY	:
per gallon):	N/A Fi f area:	LTRATION	

^{*} Wells

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER Size	TYPE OF METER*	EQUIVALENT FACTOR	NUMBER OF METERS	TOTAL NUMBER OF METER EQUIVALENTS (c x d)
(a)	(b)	(c)	(d) **	(e)
5/8"	Displacement	1.0	397	397
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	valente	397	397

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
	39,247,352	395	365	272
İ				
	*			

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	00
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivolonto	0	0

OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. A sepa	arate page should be supplied wher	e necessary.
Present ERC's * that system can efficiently serve	e.	395
2. Maximum number of ERCs * which can be serve	ed **	132
3. Present system connection capacity (in ERCs *)	using existing lines.	403
4. Future connection capacity (in ERCs *) upon ser	vice area buildout.	407
5. Estimated annual increase in ERCs *.	0	
6. Is the utility required to have fire flow capacity?	Yes	
If so, how much capacity is required?	500 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
 Describe any plans and estimated completion da Projects to be completed 2003;add larger hydro 		
9. When did the company last file a capacity analys	sis report with the DEP?	N/A
10. If the present system does not meet the requirer	ments of the DEP rules:	N/A
a. Attach a description of the plant upgrade nec	cessary to meet the DEP rules.	
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgradi	ing.	
e. Is this system under any Consent Order with	DEP?	
11. Department of Environmental Protection ID #.	4430790	
12. Water Management District Consumptive Use F	Permit #	43-00070-W
a. Is the system in compliance with the require	ments of the CUP?	Yes,
b. If not, what are the utility's plans to gain com		It should be noted that
withdrawal quantities are dynamic and may fluc		
the permit. Permits are reviewed peridically to water management district.	ascertain whether modifications ne	ed to be filed with the
trace management district.		Abo. And a manifestation of the second

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.

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	394	394
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	394

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
22,394,616	ŧ	392	365	157
		SFR Gallons Sold 22,394,616	SFR Gallons Sold Customers	SFR Gallons Sold Customers Days

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: LEILANI HEIGHTS / MARTIN #675

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	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
٦	Fotal Commercial Wastewater Syst	em Meter Equival	ents	8

SYSTEM NAME / COUNTY: LEILANI HEIGHTS / MARTIN #675

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

<u>.</u>			
Permitted Capacity (gpd)	150,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Defiance		
Type (2)	Contact Stabilization	n	
Hydraulic Capacity (gpd)	150,000		
Average Daily Flow (mgd)	0.094	(Average of Max Month)	
Total Gallons of WW Treated (mg)	23.283		
Method of Effluent Disposal	Percolation Ponds		

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

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A sep	parate page sho	uld be supplied where necessary.
Present number of ERC's * now being served.		392
2. Maximum number of ERC's * which can be served.	955	**
 Note: SFR gallons sold is not representative of total ww flow at plant. Present system connection capacity (in ERCs*) using ex 	kisting lines.	394 .
4. Future connection capacity (in ERCs*) upon service area	a buildout.***	407
5. Estimated annual increase in ERCs* 0		***
Describe any plans and estimate completion dates for ar None	ny enlargements o	r 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
If the utility does not engage in reuse, has a reuse feasib If so, when?	ility study been co	mpleted? No
9. Has the utility been required by DEP or water manageme	ent district to imple	ment reuse? No
If so, what are the utility's plans to comply with	n this requireme	nt?
10. When did the company last file a capacity analysis repo	ort with the DEP?	June-96
A A 1841	of DEB rules:	N/A
11. If the present system does not meet the requirements of a. Attach a description of the plant upgrade not b. Have these plans been approved by DEP? c. When will construction begin?	ecessary to me	COLORED TO THE STATE OF THE STA
a. Attach a description of the plant upgrade n	necessary to me?	COLORED TO THE STATE OF THE STA

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs

SYSTEM NAME / COUNTY: LEISURE LAKES / COVERED BRIDGE #2401

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	681	47	635	636
February	0	638	63	575	645
March	0	767	1	765	798
April	0	700	0	700	627
May	0	580	1	579	528
June	0	675	1	675	303
July	0	650	2	649	306
August	0	871	233	638	462
September	0	462	212	249	530
October	0	580	1	579	355
November	0	673	223	449	553
December	0	696	0	695	616
Total for year	o	7,973	784	7,189	6,358

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

List for each source of supply:		CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	:	300	432,000	Deep Well
Well # 2	1	50	72,000	Deep Well
				1

SYSTEM NAME / COUNTY: LEISURE LAKES / COVERED BRIDGE #2401

YEAR OF REPORT December 31, 2002

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):		* 72,000	(Reliable Max Day Capacity)
Location of measurement			
(l.e. WellHead, Storage Tan	k):	WellHead and/or	Distribution
Type of treatment (reverse	osmosis,		
(sedimentation, chemical, a	erated, etc,):	Chlorination and A	Aeration
		REATMENT	
Unit rating (i.e., GPM, poun per gallon): N/A		REATMENT · Manufacturer:	
-,	ds		
-,	ds	Manufacturer:	
per gallon): N/A	ds	Manufacturer:	

^{*} Wells

SYSTEM NAME / COUNTY: LEISURE LAKES / COVERED BRIDGE #2401

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	279	279
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5,0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145,0	0	0
12"	Turbine	215.0	0	0
Tot	al Residential Water System Meter Equi	ivalents	280	281

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

Calculations: (a)		Average		
	SFR Gallons Sold	Customers	Days	ERC
	6,288,978	261	365	66
	*			
	*			

SYSTEM NAME / COUNTY: LEISURE LAKES / COVERED BRIDGE #2401

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	4	4
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	. 0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Tot	al Commercial Water System Meter Equ	ivalents	4	4

OTHER WATER SYSTEM INFORMATION

Fu	rnish information below for each system. A separat	te page should be supplied where	necessary.
1.	Present ERC's * that system can efficiently serve.		261
2.	Maximum number of ERCs * which can be served	**	545
3.	Present system connection capacity (in ERCs *) us	ing existing lines.	360
4.	Future connection capacity (in ERCs *) upon service	e area buildout.	360
5.	Estimated annual increase in ERCs *.	0	
6.	Is the utility required to have fire flow capacity?	Yes	
	If so, how much capacity is required?	250 gpm	
7.	Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7	
8.	Describe any plans and estimated completion dates Projects to be completed in 2003: switchover to so		ments of this system.
9.	When did the company last file a capacity analysis	report with the DEP?	N/A
10.	If the present system does not meet the requireme	nts of the DEP rules:	N/A
	a. Attach a description of the plant upgrade neces	sary to meet the DEP rules.	
	b. Have these plans been approved by DEP?		
	c. When will construction begin?		
	d. Attach plans for funding the required upgrading		
	e. Is this system under any Consent Order with D	EP?	
11.	Department of Environmental Protection ID #.	6280064	
12.	Water Management District Consumptive Use Per	mit #	206456.004
	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 comple withdrawal quantities are dynamic and may fluctu	ate beyond permitted quantities du	
	the permit. Permits are reviewed peridically to as water management district.	certain whether modifications free	a to be med with the
1	Hater management abuse.		

^{*} An ERC is determined based on the calculation on W-13

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

SYSTEM NAME / COUNTY: LEISURE LAKES/COVERED BRIDGE /

HIGHLANDS #2401

R SERVICES
URE LAKES/COVERED BRIDGE /

December 31, 2002

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	268	268		
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 Sol	d	Customers	Days	ERC
	5,838,324	•	257	365	62

UTILITY NAME: FLORIDA WATER SERVICES SYSTEM NAME / COUNTY: LEISURE LAKES/COVERED BRIDGE /

YEAR OF REPORT December 31, 2002

HIGHLANDS #2401

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	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 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 Syst	lents	2	

SYSTEM NAME / COUNTY: LEISURE LAKES/COVERED BRIDGE /

HIGHLANDS #2401

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

	The street of th	1	1
Permitted Capacity (gpd)	50,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DEFIANCE		
Туре (2)	Extended Aeration		
Hydraulic Capacity (gpd)	50,000		
Average Daily Flow (mgd)	0.025	(Average of Max Month)	
Total Gallons of WW Treated (mg)	7.725		
Method of Effluent Disposal	Percolation Ponds		_

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

⁽²⁾ Contact stabilization, advanced treatment, etc.

OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.	
Present number of ERC's * now being served.	257
2. Maximum number of ERC's * which can be served.	806 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
 Present system connection capacity (in ERCs*) using exit 	sting lines. 373
Future connection capacity (in ERCs*) upon service area	buildout.*** 373
i. Estimated annual increase in ERCs* 0	
Describe any plans and estimate completion dates for any enlargements or improvements of this system. None	
 If the utility uses reuse as a means of effluent disposal, at of reuse provided to each, if known. N/A If the utility does not engage in reuse, has a reuse feasibine. 	
If so, when?	
. Has the utility been required by DEP or water manageme	nt district to implement reuse?
If so, what are the utility's plans to comply with	this requirement?
When did the company last file a capacity analysis report	rt with the DEP? N/A
If the present system does not meet the requirements of a. Attach a description of the plant upgrade not. b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrade. Is this system under any Consent Order with	ecessary to meet the DEP rules.
12. Department of Environmental Protection ID #	FLA014388-001-DW3P

S-13 22401 SYSTEM 1

^{*} An ERC is determined based on the calculation on S-11

^{***} Based on meter equivalency factors for ERCs