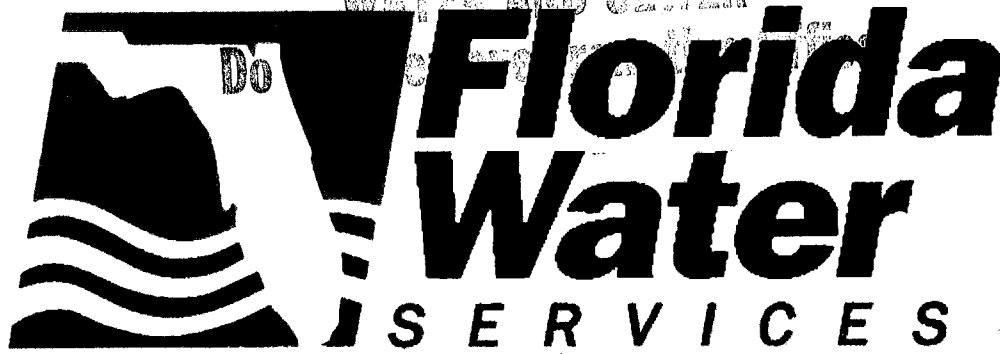


OFFICIAL COPY
DIVISION OF
WATER AND SEWER



2002 Florida Public

Service Commission

Annual Report

Engineering

Section

RECEIVED
FLORIDA PUBLIC SERVICE
COMMISSION
03 MAY 12 AM 10:53
DEPARTMENT OF
ECONOMIC REGULATION

Fire Fighting Capabilities

2002 W-14 Exhibit Q-7

Water Plant Name	Plant #	Total Reservoir Capacity (gals)	Total High Service 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	
Burnt Store	2202	1,000,000	2,400	
Chuluota	335	150,000	1,950	
Citrus Springs	906	500,000	4,200	Includes all direct wells
Deitona Lakes	1806	7,150,000	23,500	Includes all direct wells
Dol Ray	336	8,000	500	
Druid Hills	334	30,000	500	Wells can be valved to go direct.
Fountains	772	20,000	1,500	
Fox Run	679	50,000	850	
Gibsonia	215		270	Includes all direct wells
Grand Terrace	575		600	Includes all direct wells
Keystone Heights\Club	1094		1,750	Includes all direct wells
Lake Ajay	773	15,000	320	
Lake Gibson	210		1,100	Includes all direct wells
Lake Harriet	323	25,000	400	Emergency interconnect to Altamonte Springs
Lakeside	995		1,250	Includes all direct wells
Lehigh	2901	2,250,000	4,250	
Leisure Lakes/Covered Bridge	2401	15,000	400	
Leilani Heights	675		470	Includes all direct wells
Marco Island	2601	6,500,000	22,700	
Marco Shores	2602	500,000	2,700	
Marion Oaks	1106	1,000,000	2,700	Includes all direct wells
Meredith Manor	330	50,000	1,150	
Morning View	562		425	Includes all direct wells
Oak Forest	993		630	Includes all direct wells
Palisades	579		1,600	Includes all direct wells
Palm Coast	3001	6,650,000	11,800	

Fire Fighting Capabilities

2002 W-14 Exhibit Q-7

Water Plant Name	Plant #	Total Reservoir Capacity (gals)	Total High Service pump capacity (gpm)	Comments
Palm Terrace	1429		160	Well and Interconnects
Pine Ridge	907		2,855	Includes all direct wells
Pine Ridge Estates	782	45,000	680	
Point O Woods	987		1,250	Includes all direct wells
Quail Ridge	578		650	Includes all direct wells
Remington Forest	2302	34,000	600	
Rosemont	988		865	Includes all direct wells
Salt Springs	1115		633	Includes all direct wells
Seaboard	1906	1,000,000	3,850	Interconnected to City of Tampa
Silver Lake Estates	574	50,000	4,420	Interconnected to Western Shores
Skycrest *	551		675	Includes all direct wells
Spring Gardens	994		168	Well and Interconnect to Hernando County
Spring Hill	2701	4,500,000	25,110	Includes all direct wells
Spruce Creek Country Club	1120	500,000	10,300	Includes all direct wells
Spruce Creek Preserve	1121		1,650	Includes all direct wells
Spruce Creek South	1122		2,650	Includes all direct wells
Stonecrest	1130		3,000	Includes all direct wells
Sugar Mill Woods	989	500,000	7,000	Includes all direct wells
Sunny Hills	2801	60,000	1,050	Includes all direct wells
Sunshine Parkway	560	108,000	3,400	
Valencia Terrace	554		1,100	Includes all direct wells
Vairico Hills	1901		800	Includes all direct wells
Woodmere	888	455,000	3,600	
Zephyr Shores	1427		120	Well and Interconnect to Pasco County

REUSE END USERS

List for each source for reuse:

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
		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
		Lehigh Arces Mirror Lakes Golf Course	45,038,100
Marco Island	2601	Marco Island Golf Course	102,058,500
		Marco Shores Golf Course	53,205,800
		Hideaway Beach Golf Course	88,181,700
		Condo Associations & Residential use	183,853,570
		City of Marco - Medians	959,080
Palm Coast	3001	GrandHaven Golf Course & Residential common areas.	202,495,000
		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

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	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

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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well # 1	1,400	2,016,000	Deep Well
Well # 2	1,400	2,016,000	Deep Well

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 (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

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
Total Commercial Water System Meter Equivalents			314	1,943

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.	2,319
2. Maximum number of ERCs * which can be served **	2,494
3. Present system connection capacity (in ERCs *) using existing lines.	2,393
4. Future connection capacity (in ERCs *) upon service area buildout.	2,819
5. Estimated annual increase in ERCs *.	180
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 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 for any enlargements or improvements of this system.	Monitoring well installed 8/9/02 Third well drilled 11/22/02. Design estimated to be completed 6/27/03. Construction in 2004. Aerator Improvement design estimated to be completed 12/19/03. Construction in 2004.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2450022
12. Water Management District Consumptive Use Permit #	50087
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
Total Residential Wastewater System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	101,818,013	2,142	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	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 System Meter Equivalents				948

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served. 2,142

2. Maximum number of ERC's * which can be served. 7,308 **

** Note: SFR gallons sold is not representative of total ww flow at plant.

3. Present system connection capacity (in ERCs*) using existing lines. 2,209

4. Future connection capacity (in ERCs*) upon service area buildout.*** 2,762

5. Estimated annual increase in ERCs* 198

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Pond liner rehab finished 9/15/2002.

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

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? 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? March-01

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 # FLA011688

* 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	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 resale, indicate the following:
 Vendor City of Altamonte Springs
 Point of delivery N/A

If water is sold to other water 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	500	720,000	Deep Well
Well #2	600	864,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 720,000	(Reliable Max Day Capacity)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Wells

* Emergency Interconnect with City of 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	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	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			ERC
	SFR Gallons Sold	Customers	Days	
	144,456,056	1,053	365	376

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	32	32
3/4"	Displacement	1.5	1	2
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 Commercial Water System Meter Equivalents			50	128

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.	1,053
2. Maximum number of ERCs * which can be served **	958
3. Present system connection capacity (in ERCs *) using existing lines.	1,368
4. Future connection capacity (in ERCs *) upon service area buildout.	1,680
5. Estimated annual increase in ERCs *.	20
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 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 completed 2002: New 130,000 gal ground storage tank, upsized high service pumps with VFD's, conversion of gas chlorine to liquid sodium hypochlorite, upgraded electrical system components.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590039
12. Water Management District Consumptive Use Permit #	50281
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	10,421,701	162	365	176

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				49

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 separate page should be supplied where necessary.

1. Present number of ERC's * now being served. 162 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.

3. Present system connection capacity (in ERCs*) using existing lines. 162

4. Future connection capacity (in ERCs*) upon service area buildout.*** 162

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
 None

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

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

If so, when? _____

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

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

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

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

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

*** Based on meter equivalency factors for ERCs

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 396,000	(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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
5,638,660	81	365	191

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (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.	81
2. Maximum number of ERCs * which can be served **	519
3. Present system connection capacity (in ERCs *) using existing lines.	100
4. Future connection capacity (in ERCs *) upon service area buildout.	100
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. A new chemical storage building, driveway and fence is estimated to be constructed by 12/19/03.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3490090
12. Water Management District Consumptive Use Permit #	49-00959-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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 resale, indicate the following:
 Vendor United Water
 Point of delivery 6" Meter at Cobblestone

If water is sold to other water 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
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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 7,776,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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	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
Total Residential Water System Meter Equivalents			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:

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

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
Total Commercial Water System Meter Equivalents			130	287

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.	3,673
2. Maximum number of ERCs * which can be served **	4,611
3. Present system connection capacity (in ERCs *) using existing lines.	4,070
4. Future connection capacity (in ERCs *) upon service area buildout.	4,206
5. Estimated annual increase in ERCs *	98
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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	Distribution system improvements completed 8/23/02. Hydropneumatic tank and yard piping completed 7/9/02. Design for a new GST, yard piping and high service pumps estimated to be completed 5/30/03. Construction to be completed in 2004.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2160064
12. Water Management District Consumptive Use Permit #	49
a. Is the system in compliance with the requirements of the CUP?	In modification
b. If not, what are the utility's plans to gain compliance?	In modification - expected issuance in May-2003

* 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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
217,365,517	3,594	365	166

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				183

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	836,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DAVCO		
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 separate page should be supplied where necessary.

1. 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 existing lines. 4,029

4. Future connection capacity (in ERCs*) upon service area buildout.*** 4,102

5. Estimated annual increase in ERCs* 52

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Collection system rehab - July 2002. Disinfection change over from gas to liquid in 2003.

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

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

If so, when? August, 1993

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? November-01

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 # FL0026778

* 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	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	0	479	462
December	705	0	0	705	551
Total for year	6,323	0	74	6,250	5,581

If water is purchased for resale, indicate the following:

Vendor Town of Welaka
 Point of delivery 6 inch Rockwell Meter @ 400 Front Street

If water is sold to other water 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
Interconnected with town of Welaka			

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
2,295,640	47	365	134

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	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 Commercial Water System Meter Equivalents			3	24

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.	47
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	94
4. Future connection capacity (in ERCs *) upon service 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 for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2540070
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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	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 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	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 System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	545,965	16	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	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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				0

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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served.	16	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	19	
4. Future connection capacity (in ERCs*) upon service area buildout.***	20	
5. Estimated annual increase in ERCs*	0	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Projects completed in 2002: Interconnection to Town of Welaka wastewater system, abandon existing wastewater plant.		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.		
	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		
		No
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?		
		No
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		
		N/A
11. If the present system does not meet the requirements of DEP rules:		
	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 #		
		Interconnected

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

*** Based on meter equivalency factors for ERCs

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, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
568,555,871	7,890	365	197

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	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 Commercial Water System Meter Equivalents			240	903

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.	7,890
2. Maximum number of ERCs * which can be served **	7,294
3. Present system connection capacity (in ERCs *) using existing lines.	8,575
4. Future connection capacity (in ERCs *) upon service 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 for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3490184
12. Water Management District Consumptive Use Permit #	49-00002-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
402,661,369	7,848	365	141

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 Turbine	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
Total Commercial Wastewater System Meter Equivalents				452

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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 access 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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. 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 existing lines. 8,413

4. Future connection capacity (in ERCs*) upon service area buildout.*** 9,784

5. Estimated annual increase in ERCs* 128

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Projects completed 2002: Collection system rehabilitation 11/31/02, lift station upgrades 6/30/02, WWTP modifications 8/31/02. Generator at LS 15 completed 1/4/02, Projects started 2002 and completed 2003: Interconnect reuse system with City of Kississimee and WWTP modifications

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

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? No
If so, what are the utility's plans to comply with this requirement? _____

10. When did the company last file a capacity analysis report with the DEP? October-01

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 # FL0039446-002

* 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	11,116	568	10,548	9,439
February	0	11,029	937	10,093	9,401
March	0	13,267	2,130	11,137	9,779
April	0	11,833	93	11,740	11,885
May	0	10,035	32	10,002	11,251
June	0	7,414	48	7,366	8,881
July	0	7,065	1,256	5,809	5,681
August	0	7,127	1,523	5,604	5,585
September	0	7,612	1,286	6,326	5,170
October	0	9,312	2,274	7,038	6,287
November	0	10,038	1,041	8,996	7,769
December	0	10,455	227	10,228	9,325
Total for year	0	116,302	11,415	104,887	100,455

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:
 Charlotte County - Pirates Harbour

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 880,000	(Max Day Capacity)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Reverse Osmosis Membranes	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Wells/RO Membranes

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,483	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
63,744,011	1,487	365	117

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	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
Total Commercial Water System Meter Equivalents			69	313

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.	1,487
2. Maximum number of ERCs * which can be served **	3,746
3. Present system connection capacity (in ERCs *) using existing lines.	1,532
4. Future connection capacity (in ERCs *) upon service area buildout.	5,377
5. Estimated annual increase in ERCs *.	335
6. Is the utility required to have fire flow capacity?	Yes
If so, how much capacity is required?	1250 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 completed 2002: Started operation of the new RO WTP;	
Projects scheduled for 2003: Retubing of deep injection well, install additional production wells	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	5080318
12. Water Management District Consumptive Use Permit #	203522.05
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	44,784,022	1,256	365	98

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	0
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
Total Commercial Wastewater System Meter Equivalents				137

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

YEAR OF REPORT December 31, 2002

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	250,000		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	DAVCO		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	250,000		
Average Daily Flow (mgd)	0.251	(Average of Max Month)	
Total Gallons of WW Treated (mg)	74,196		
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.

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 or improvements of this system.
Projects completed 2002: New force main for lift station 16-16, smoke test collection system.
Projects started in 2002 and completed in 2003: Expansion of WWTP to 0.5 MGD, implement reuse
to commercial flower farm. Q. 11 Added 2 perc ponds and reuse system.

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

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

If so, when? July, 2000

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? July-00

11. If the present system does not meet the requirements of DEP rules: CO 01-1470-08-DW dated 12/19/01
a. Attach a description of the plant upgrade necessary to meet the DEP rules. See 8
b. Have these plans been approved by DEP? Yes
c. When will construction begin? 11/02 and will be complete 12/03
d. Attach plans for funding the required upgrading. 02CS751
e. Is this system under any Consent Order with DEP? Yes but should be closed in 12/03

12. Department of Environmental Protection ID # FLA014083

* 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	1,165	1	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 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:
 N/A

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

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 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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
15,423,451	188	365	225

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.	188
2. Maximum number of ERCs * which can be served **	320
3. Present system connection capacity (in ERCs *) using 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 any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350152
12. Water Management District Consumptive Use Permit #	2605
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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	0	70,572	5,381	65,191	62,549

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:
 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	500	720,000	Deep Well
Well #3	500	720,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 2,088,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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	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	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
58,449,322	799	365	200	

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	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	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			14	77

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.	799
2. Maximum number of ERCs * which can be served **	2,605
3. Present system connection capacity (in ERCs *) using existing lines.	1,868
4. Future connection capacity (in ERCs *) upon service area buildout.	2,546
5. Estimated annual increase in ERCs *.	72
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 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 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 #.	3590186
12. Water Management District Consumptive Use Permit #	8362
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
8,054,590	174	365	127

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				0

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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 separate page should be supplied where necessary.

1. Present number of ERC's * now being served. 174

2. Maximum number of ERC's * which can be served. 787 **

** Note: SFR gallons sold is not representative of total ww flow at plant.

3. Present system connection capacity (in ERCs*) using existing lines. 302

4. Future connection capacity (in ERCs*) upon service area buildout.*** 1,231

5. Estimated annual increase in ERCs* 45

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Projects completed in 2002: Rehabilitate portions of collection system 12/31/02.

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

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

If so, when? _____

9. Has the utility been required by 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? January-02

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 # FLA011076

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

*** Based on meter equivalency factors for ERCs

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. 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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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
Total Commercial Water System Meter Equivalents			21	21

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.	333
2. Maximum number of ERCs * which can be served **	259
3. Present system connection capacity (in ERCs *) using existing lines.	339
4. Future connection capacity (in ERCs *) upon service area buildout.	339
5. Estimated annual increase in ERCs *.	7
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 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 #.	3420119
12. Water Management District Consumptive Use Permit #	3119
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	11,312,116	256	365	121

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				2

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 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 separate page should be supplied where necessary.

1. 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 existing lines. 265

4. Future connection capacity (in ERCs*) upon service area buildout.*** 265

5. Estimated annual increase in ERCs* 7

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None.

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

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

If so, when? _____

9. Has the utility been required by 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? February-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 # FLA010767

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

*** Based on meter equivalency factors for ERCs

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

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	3,530	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
Total Residential Water System Meter Equivalents			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:
 $ERC = (\text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day})$

Calculations: (a)	SFR Gallons Sold	Average Customers	Days	ERC
	201,988,150	3,483	365	159

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
Total Commercial Water System Meter Equivalents			50	276

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.	3,483
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	3,820
4. Future connection capacity (in ERCs *) upon service 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 for any enlargements or improvements of this system. None.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	5080072
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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 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
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 System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

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 Turbine	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
Total Commercial Wastewater System Meter Equivalents				311

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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 3,936

4. Future connection capacity (in ERCs*) upon service area buildout.*** 8,048

5. Estimated annual increase in ERCs* 29

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

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

If so, when? _____

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

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

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

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

* 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

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

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	292,526	18,397	274,129	280,592
February	0	267,083	456	266,627	261,333
March	0	368,616	14,781	353,835	281,740
April	0	400,744	843	399,901	339,054
May	0	520,403	20,215	500,187	429,225
June	0	286,810	20	286,790	427,319
July	0	279,371	13,499	265,872	241,030
August	0	267,441	7,513	259,928	244,253
September	0	257,600	13,980	243,620	235,263
October	0	351,218	14,331	336,887	256,107
November	0	314,583	12,926	301,657	304,863
December	0	269,998	9,711	260,287	273,908
Total for year	0	3,876,393	126,673	3,749,720	3,574,688

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

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 31,392,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Storage Tank	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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
Total Residential Water System Meter Equivalents			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:

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

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 (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	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
Total Commercial Water System Meter Equivalents			673	2,254

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.	27,908
2. Maximum number of ERCs * which can be served **	31,661
3. Present system connection capacity (in ERCs *) using existing lines.	47,609
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	Projects completed 2002: Providence Rd. utility relocation, well #19 rehab and pump capacity increase conversion of gas chlorine to liquid sodium hypochlorite. Normandy Blvd. Parallel main 2/5/03. Well #38 estimated completion 12/19/03. Sagamore HSP addition estimated completion 9/26/03
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3640287
12. Water Management District Consumptive Use Permit #	8658
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
217,206,833	4,916	365	121

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	0
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
Total Commercial Wastewater System Meter Equivalents				832

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 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 separate page should be supplied where necessary.

1. Present number of ERC's * now being served. 4,916

2. 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 lines. 5,092

4. Future connection capacity (in ERCs*) upon service area buildout.*** 8,228

5. Estimated annual increase in ERCs* 61

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Saxon Blvd sewer extension 11/30/02; collection system improvements 12/31/02, WWTP reject piping 12/31/02, Waycross lift station rehabilitation 12/31/02; Whitewood force main replacement 7/31/02 ,Whitewood lift station upgrade design 9/30/02.

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

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

If so, when? _____

9. Has the utility been required by 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? December-02

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 # FLA111724-01

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

*** Based on meter equivalency factors for ERCs

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 360,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Emergency interconnect with City of Altamonte.

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
6,106,195	58	365	288	

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 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 #.	3590297
12. Water Management District Consumptive Use Permit #	3769
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	3,153	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

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:
 N/A

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 360,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Limited by High Service Pumps.

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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
31,132,207	243	365	351

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.	243
2. Maximum number of ERCs * which can be served **	256
3. Present system connection capacity (in ERCs *) using existing lines.	244
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590111
12. Water Management District Consumptive Use Permit #	3766
a. Is the system in compliance with the requirements of the CUP?	Yes.
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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

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	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 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:
 N/A

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

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, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

- * Limited by Well.
- * Interconnected with Friendly Center.

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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
4,824,107	172	365	77	

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	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			1	1

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.	172
2. Maximum number of ERCs * which can be served **	937
3. Present system connection capacity (in ERCs *) using 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350322
12. Water Management District Consumptive Use Permit #	2607
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	1,256	0	0	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 resale, indicate the following:
 Vendor City of Altamonte Springs
 Point of delivery 4 X 1 inch Neptune compound meter

If water is sold to other water 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
Interconnected with city of Altamonte Springs			

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* Interconnected with Altamonte Springs	
Location of measurement (i.e. WellHead, Storage Tank):	N/A	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	N/A	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

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

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	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
Total Residential Water System Meter Equivalents			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:

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

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

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	10	10
3/4"	Displacement	1.5	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
Total Commercial Water System Meter Equivalents			13	20

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.	167
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590368
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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	1,285	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	0	14,251	1,295	12,956	11,473

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:
 N/A

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 259,200	(Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

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

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.	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 *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350370
12. 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 quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 144,000	(Reliable Max Day Capacity)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

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

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

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.	141
2. Maximum number of ERCs * which can be served **	505
3. Present system connection capacity (in ERCs *) using existing lines.	141
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: New production well Projects scheduled for 2003: add larger hydro tank	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the 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 #.	4430442
12. Water Management District Consumptive Use Permit #	43-00804-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

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

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			
3/4"	Displacement	1.0	2	2
1"	Displacement	1.5	0	0
1 1/2"	Displacement or Turbine	2.5	0	0
2"	Displacement, Compound or Turb	5.0	0	0
3"	Displacement	8.0	0	0
3"	Compound	15.0	0	0
3"	Turbine	16.0	0	0
4"	Displacement or Compound	17.5	0	0
4"	Turbine	25.0	0	0
6"	Displacement or Compound	30	0	0
6"	Turbine	50.0	0	0
8"	Compound	62.5	0	0
8"	Turbine	80.0	0	0
10"	Compound	90.0	0	0
10"	Turbine	115.0	0	0
12"	Turbine	145.0	0	0
		215.0	0	0
Total Commercial Wastewater System Meter Equivalents				2

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	25,000		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	Defiance		
Type (2)	Extended Aeration w/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 separate page should be supplied where necessary.

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 143

4. Future connection capacity (in ERCs*) upon service area buildout.*** 143

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No
If so, when? _____

9. Has the utility been required by 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? March-99

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 # FLA013858

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

*** Based on meter equivalency factors for ERCs

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
16,169,108	50	365	886
* This system only has commercial 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 Turbine	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	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 Commercial Wastewater System Meter Equivalents				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. ENVIROMENTAL		
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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 64

4. Future connection capacity (in ERCs*) upon service area buildout.*** 72

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Equalization Tank 9/26/03

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

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

If so, when? _____

9. Has the utility been required by 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? February-02

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 # FLA011078

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

*** Based on meter equivalency factors for ERCs

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 (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			ERC
SFR Gallons Sold	Customers	Days		
12,136,070	159	365		209

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	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 Commercial Water System Meter Equivalents			1	3

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.	159
2. Maximum number of ERCs * which can be served **	275
3. Present system connection capacity (in ERCs *) using existing lines.	187
4. Future connection capacity (in ERCs *) upon service area buildout.	231
5. Estimated annual increase in ERCs *.	32
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 for any enlargements or improvements of this system. Replace aerator estimated completion date 12/19/03.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3494328
12. Water Management District Consumptive Use Permit #	49-00977-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	703
February	0	784	62	722	715
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 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:
 N/A

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 720,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Iron Removal	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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	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 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 Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
9,853,810	111	365	243	

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	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 Commercial Water System Meter Equivalents			3	5

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.	111
2. Maximum number of ERCs * which can be served **	740
3. Present system connection capacity (in ERCs *) using existing lines.	121
4. Future connection capacity (in ERCs *) upon service area buildout.	121
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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	Projects to be completed 2003: Interconnect with Martin County.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	4431700
12. Water Management District Consumptive Use Permit #	43-00602-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
6,142,892	111	365	152

UTILITY NAME: FLORIDA WATER SERVICES
 SYSTEM NAME / COUNTY: FOX RUN / MARTIN #679

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	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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				0

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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served. 111 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.

3. Present system connection capacity (in ERCs*) using existing lines. 112

4. Future connection capacity (in ERCs*) upon service area buildout.*** 112

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

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

If so, when? _____

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

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

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

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

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

*** Based on meter equivalency factors for ERCs

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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Wells

* Interconnected with East Lake Harris.

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	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 Residential Water System Meter Equivalents			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:

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

Calculations: (a)	SFR Gallons Sold	Average Customers	Days	ERC
	1,484,840	27	365	151

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

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.	27
2. Maximum number of ERCs * which can be served **	239
3. Present system connection capacity (in ERCs *) using existing lines.	41
4. Future connection capacity (in ERCs *) upon service area buildout.	41
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350426
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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	1,128	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 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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	180	259,200	Deep Well
Well # 2	100	144,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 144,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
10,857,120	103	365	289

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	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
Total Commercial Water System Meter Equivalents			3	14

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.	103
2. Maximum number of ERCs * which can be served **	125
3. Present system connection capacity (in ERCs *) using existing lines.	119
4. Future connection capacity (in ERCs *) upon service 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 for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2041320
12. Water Management District Consumptive Use Permit #	2-91-00037
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	1,206
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	1,255
December	0	1,293	33	1,260	1,090
Total for year	0	18,617	853	17,764	15,689

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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	200	288,000	Deep Well
Well # 2	70	100,800	Deep Well

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	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
13,358,880	153	365	239

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	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 Commercial Water System Meter Equivalents			27	47

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 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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	111	111
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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	10,929,136	111	365	270

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.	111
2. Maximum number of ERCs * which can be served **	801
3. Present system connection capacity (in ERCs *) using existing lines.	111
4. Future connection capacity (in ERCs *) upon service area buildout.	111
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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3354697
12. Water Management District Consumptive Use Permit #	2488
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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	0	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 resale, indicate the following:

Vendor City of Altamonte Springs
 Point of delivery 2" Precision meter at Magnolia St.

If water is sold to other water 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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 432,000	(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:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

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

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 **	479
3. Present system connection capacity (in ERCs *) using existing lines.	58
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590497
12. Water Management District Consumptive Use Permit #	8357
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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:
 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

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 measurement (I.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	8,064,327	272	365	81

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	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			1	1

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.	272
2. Maximum number of ERCs * which can be served **	709
3. Present system connection capacity (in ERCs *) using existing lines.	418
4. Future connection capacity (in ERCs *) upon service area buildout.	492
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 any enlargements or improvements of this system. Projects completed 2002: Install two new wells and abandon existing well. Well 1 cleared in Dec-02 and Well 2 expected to clear early 2003. Ground storage tank to serve both Hermits Cove and ST Johns Highlands estimated completion date: 12/19/03.	
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:	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	See 8
b. Have these plans been approved by DEP?	No
c. When will construction begin?	July 1, 2003
d. Attach plans for funding the required upgrading.	Florida Water Services Budget - 2003
e. Is this system under any Consent Order with DEP?	No
11. Department of Environmental Protection ID #.	2540482, 2540489
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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	1,217	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 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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	175	252,000	Deep Well
Well # 2	150	216,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 216,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	5,894,506	95	365	170

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	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 Commercial Water System Meter Equivalents			1	8

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.	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? 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 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 #.	3350544
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?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	4,593,260	118	365	107

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	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 Commercial Water System Meter Equivalents			2	4

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.	118
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	193
4. Future connection capacity (in ERCs *) upon service area buildout.	193
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 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 #.	3354886
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average 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	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				4

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, 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 separate page should be supplied where necessary.

1. 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 existing lines. 128

4. Future connection capacity (in ERCs*) upon service area buildout.*** 183

5. Estimated annual increase in ERCs* 2

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

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

If so, when? _____

9. Has the utility been required by 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? February-01

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 # FLA010655

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

*** Based on meter equivalency factors for ERCs

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 132,480	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	8,067,720	243	365	91

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.	243
2. Maximum number of ERCs * which can be served **	364
3. Present system connection capacity (in ERCs *) using existing lines.	251
4. Future connection capacity (in ERCs *) upon service area buildout.	251
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350584
12. Water Management District Consumptive Use Permit #	4493
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 108,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
13,467,389	238	365	155	

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	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
Total Commercial Water System Meter Equivalents			15	17

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.	238
2. Maximum number of ERCs * which can be served **	174
3. Present system connection capacity (in ERCs *) using existing lines.	346
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Install 6,000 feet of new main to replace and loop existing galvanized mains, extend existing distribution lines 1,000 feet to serve new customers. Additional distribution system improvements designed by 12/19/03 and constructed in 2004.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	4490673
12. Water Management District Consumptive Use Permit #	49-00970-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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

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	1,122	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

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 273,600	(Reliable Peak Hour)
Location of measurement (I.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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 (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	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	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 Water System Meter Equivalents			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:

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

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

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

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

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.	259
2. Maximum number of ERCs * which can be served **	549
3. Present system connection capacity (in ERCs *) using existing lines.	367
4. Future connection capacity (in ERCs *) upon service area buildout.	367
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	Relocate water mains along SR 20 estimated to be completed by 10/31/03.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2540545
12. Water Management District Consumptive Use Permit #	7986
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
2,160,930	113	365	52

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	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			1	1

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.	113
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using 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 for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3644127
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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	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				132

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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
2,911,135	130	365	61

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

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served. 130

2. Maximum number of ERC's * which can be served. 344 **

** Note: SFR gallons sold is not representative of total ww flow at plant.

3. Present system connection capacity (in ERCs*) using existing lines. 144

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 this system.
None

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

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

If so, when? _____

9. Has the utility been required by 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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 504,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Wells

* Interconnected with Keystone Heights.

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	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
Total Residential Water System Meter Equivalents			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:
 $ERC = (\text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day})$

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

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.	168
2. Maximum number of ERCs * which can be served **	660
3. Present system connection capacity (in ERCs *) using existing lines.	175
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Well #2 rehabilitation initiated 1/6/03. Constructon estimated to be completed 2004.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2040412
12. Water Management District Consumptive Use Permit #	431
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 360,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

- * Wells
- * Interconnected with Keystone Club Estates.

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	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	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 Water System Meter Equivalents			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:

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
85,690,902	939	365	250

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	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	120
3"	Displacement	15.0	0	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
Total Commercial Water System Meter Equivalents			169	530

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.	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 for any enlargements or improvements of this system.	Projects completed 2002: Interconnect system with Triest subdivision. SR 21 utility relocation estimated to be completed 7/25/03.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2100610
12. Water Management District Consumptive Use Permit #	431
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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	0	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

If water is purchased for resale, indicate the following:
 Vendor Brevard County Utilities
 Point of delivery 4" Compound Badger meter at entrance to Kingswood Subdivision

If water is sold to other water 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
Interconnected with Brevard County Utilities			

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

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	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
Total Residential Water System Meter Equivalents			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:

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

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

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.	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? 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 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?	
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.

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	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	0	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 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:
 N/A

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

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, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* Limited by High Service Pumps

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	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
Total Residential Water System Meter Equivalents			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:

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

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

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.	96
2. Maximum number of ERCs * which can be served **	182
3. Present system connection capacity (in ERCs *) using existing lines.	98
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3491956
12. Water Management District Consumptive Use Permit #	49-00415-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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

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:
 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

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 and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
SFR Gallons Sold	Customers	Days	ERC	
5,688,360	68	365	229	

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.	68
2. Maximum number of ERCs * which can be served **	157
3. Present system connection capacity (in ERCs *) using existing lines.	80
4. Future connection capacity (in ERCs *) upon service area buildout.	80
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590685
12. 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?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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	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
Total for year	0	93,088	7,288	85,800	76,514

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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	700	1,008,000	Deep Well
Well #2	400	576,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 576,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:
 $ERC = (\text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day})$

Calculations: (a)	SFR Gallons Sold	Average Customers	Days	ERC
	71,992,365	800	365	247

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	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
Total Commercial Water System Meter Equivalents			18	47

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.	800
2. Maximum number of ERCs * which can be served **	584
3. Present system connection capacity (in ERCs *) using existing lines.	820
4. Future connection capacity (in ERCs *) upon service area buildout.	839
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.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None. However, feasibility of installing an interconnect with Polk County distribution system at west end of Daughtery Road to serve fire needs will be investigated in 2003	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	6532347
12. Water Management District Consumptive Use Permit #	207878.02
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	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				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

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

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

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	2	2
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	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
Total Commercial Wastewater System Meter Equivalents				15

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

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served. 301 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.

3. Present system connection capacity (in ERCs*) using existing lines. 304

4. Future connection capacity (in ERCs*) upon service area buildout.*** 304

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
 Collection system rehabilitation work will continue in 2003 to reduce I&I.

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

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

If so, when? _____

9. Has the utility been required by 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? April-99

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 # Interconnected

* 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	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 resale, indicate the following:

Vendor City of Altamonte Springs
 Point of delivery 6" Neptune meter at the WTP

If water is sold to other water 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	600	864,000	Deep Well

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 osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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
Total Residential Water System Meter Equivalents			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:
 $ERC = (\text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day})$

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
Total Commercial Water System Meter Equivalents			21	24

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.	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 area buildout.	310
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 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.	None.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590699
12. Water Management District Consumptive Use Permit #	8356
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 36,000	(Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Water System Meter Equivalents			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:
 $ERC = (\text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day})$

Calculations: (a)	Average			ERC
SFR Gallons Sold	Customers	Days		
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
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.	12
2. Maximum number of ERCs * which can be served **	75
3. Present system connection capacity (in ERCs *) using existing lines.	26
4. Future connection capacity (in ERCs *) upon service 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 for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2104350
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

* 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.

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 2,808,000	(Reliable Max Day Capacity)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination, Aeration, Sedimentation and Filtration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	2unit - 1000gpm #3 unit 1200gpm	Manufacturer: Infilco/Degremont
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	2.75 gpm/sq. ft.	Manufacturer: Tampa Tank

* 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	1	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons 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 separate 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 **	10,693
3. Present system connection capacity (in ERCs *) using existing lines.	10,235
4. Future connection capacity (in ERCs *) upon service area buildout.	102,346
5. Estimated annual increase in ERCs *.	674
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 2000 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 completed 2002: Upgrade electrical system at water treatment plant, install booster pump to improve pressures in southwest Lehigh, added 4 gravity sand filters and 0.500 mgd capacity at wtp Project to be completed in 2003 and 2004: add second water treatment plant, add backup production well	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	5360172
12. Water Management District Consumptive Use Permit #	36-00166-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	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 System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

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	2
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	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	9	158
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
Total Commercial Wastewater System Meter Equivalents				1,025

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 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.

OTHER WASTEWATER SYSTEM INFORMATION

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

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 10,772

4. Future connection capacity (in ERCs*) upon service area buildout.*** 103,691

5. Estimated annual increase in ERCs* 52

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Projects completed in 2002: Improvements to perc pond berms to increase disposal capacity,
collection system improvements to reduce I&I, collection system expansion to Woodridge Phase 2A
Projects to be completed in 2003: reuse to Majestic GC, collection system to Lehigh Oaks,
reroute Zenon plant effluent

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

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

If so, when? _____

9. Has the utility been required by 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? January-97

11. If the present system does not meet the requirements of DEP rules: CO 98-3197-36-DW closed 3/31/03

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? 4/02 and was complete 8/02

d. Attach plans for funding the required upgrading. 02CS709

e. Is this system under any Consent Order with 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

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	3,101	1	3,101	3,033
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	0	38,995	19	38,975	39,249

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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	370	532,800	Deep Well
Well # 2	100	144,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 144,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

Calculations: (a)	Average			
	SFR Gallons Sold	Customers	Days	ERC
	39,247,352	395	365	272

CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	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.	395
2. Maximum number of ERCs * which can be served **	132
3. Present system connection capacity (in ERCs *) using existing lines.	403
4. Future connection capacity (in ERCs *) upon service 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
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	Projects to be completed 2003: add larger hydro tank , switchover to sodium hypochlorite 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 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 #.	4430790
12. Water Management District Consumptive Use Permit #	43-00070-W
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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 System Meter Equivalents				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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
22,394,616	392	365	157

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 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
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				8

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	150,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Defiance		
Type (2)	Contact Stabilization		
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 separate page should be supplied where necessary.

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 394

4. Future connection capacity (in ERCs*) upon service area buildout.*** 407

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

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

If so, when? _____

9. Has the utility been required by 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-96

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 # FLA013866

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

*** Based on meter equivalency factors for ERCs

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 (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

* 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	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
Total Residential Water System Meter Equivalents			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:

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

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

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
Total Commercial Water System Meter Equivalents			4	4

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.	261
2. Maximum number of ERCs * which can be served **	545
3. Present system connection capacity (in ERCs *) using existing lines.	360
4. Future connection capacity (in ERCs *) upon service area buildout.	360
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 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 for any enlargements or improvements of this system. Projects to be completed in 2003: switchover to sodium hypochlorite 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 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 #.	6280064
12. Water Management District Consumptive Use Permit #	206456.004
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain 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.

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				268

**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:

$$ERC = (\text{Total SFR gallons treated (Omit 000)} / 365 \text{ days} / 275 \text{ gallons per day})$$

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	5,838,324	257	365	62

UTILITY NAME: FLORIDA WATER SERVICES
 SYSTEM NAME / COUNTY: LEISURE LAKES/COVERED BRIDGE /
 HIGHLANDS #2401

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	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
Total Commercial Wastewater System Meter Equivalents				2

UTILITY NAME: FLORIDA WATER SERVICES
 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

Permitted Capacity (gpd)	50,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DEFIANCE		
Type (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.

1. 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.

3. Present system connection capacity (in ERCs*) using existing lines. 373

4. Future connection capacity (in ERCs*) upon service area buildout.*** 373

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
None

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

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

If so, when? _____

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

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

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

11. If the present system does not meet the requirements of DEP rules: 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 # FLA014388-001-DW3P

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

*** Based on meter equivalency factors for ERCs