

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	38,025	24	38,001	34,479
February	0	37,079	602	36,477	35,368
March	0	40,339	13	40,326	42,269
April	0	52,350	18	52,332	42,269
May	0	54,446	13	54,433	50,378
June	0	47,196	15	47,181	53,860
July	0	58,698	15	58,683	51,703
August	0	50,265	15	50,250	50,839
September	0	40,231	14	40,217	51,221
October	0	47,172	15	47,157	37,727
November	0	43,189	16	43,173	43,190
December	0	38,288	16	38,272	42,602
Total for year	0	547,278	775	546,503	535,906

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 EQUIVALENT RESIDENTIAL UNITS

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	2,219	2,219
3/4"	Displacement	1.5	73	110
1"	Displacement	2.5	20	50
1 1/2"	Displacement or Turbine	5.0	3	15
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	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			2,317	2,429

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	
326,927,239	2,206	365	406	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	109	109
3/4"	Displacement	1.5	8	12
1"	Displacement	2.5	53	133
1 1/2"	Displacement or Turbine	5.0	22	110
2"	Displacement, Compound or Turbine	8.0	72	576
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			309	1,930

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.	2,206
2. Maximum number of ERCs * which can be served **	2,483
3. Present system connection capacity (in ERCs *) using existing lines.	2,320
4. Future connection capacity (in ERCs *) upon service area buildout.	2,733
5. Estimated annual increase in ERCs *.	147
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: Distribution system improvements.	
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	2,042	2,042
3/4"	Displacement	1.5	69	104
1"	Displacement	2.5	14	35
1 1/2"	Displacement or Turbine	5.0	3	15
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	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
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				2,196

**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
	97,471,228	2,027	365	132

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	48	48
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				946

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	950,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Custom Made		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	950,000		
Average Daily Flow (mgd)	0.871	(Average of Max Month)	
Effluent Disposal (gpd)	1,585,000		
Total Gallons of WW Treated (mg)	236.114		
Method of Effluent Disposal	Spray Irrigation to 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.	2,027
2. Maximum number of ERC's * which can be served.	7,197 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	2,087
4. Future connection capacity (in ERCs*) upon service area buildout.**	2,710
5. Estimated annual increase in ERCs*	165
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Projects completed 2002: Effluent diversion valve, lift station upgrades, repair pond liner. expansion study 4/30/02	
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? 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	14,745	223	14,521	12,722
February	0	13,579	163	13,416	12,831
March	0	14,520	214	14,306	13,733
April	0	18,264	185	18,079	12,878
May	0	19,027	178	18,849	16,955
June	0	12,749	137	12,612	16,704
July	0	13,475	253	13,221	12,791
August	0	14,524	151	14,373	11,166
September	0	11,705	182	11,523	12,854
October	0	14,304	202	14,102	10,600
November	0	13,402	733	12,669	11,473
December	0	15,893	134	15,759	13,104
Total for year	0	176,186	2,755	173,431	157,811

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 EQUIVALENT RESIDENTIAL UNITS

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	1,049	1,049
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	6	15
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 Residential Water System Meter Equivalents			1,060	1,095

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
151,359,473	1,037	365	400

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	30	30
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Water System Meter Equivalents			45	108

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.	1,037
2. Maximum number of ERCs * which can be served **	900
3. Present system connection capacity (in ERCs *) using existing lines.	1,175
4. Future connection capacity (in ERCs *) upon service area buildout.	1,442
5. Estimated annual increase in ERCs *.	6
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 600 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects 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
	10,454,130	162	365	177

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	6	15
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				46

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	Interconnected		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Interconnect		
Type (2)	Interconnected		
Hydraulic Capacity (gpd)	Interconnected		
Average Daily Flow (mgd)	Interconnect		
Effluent Disposal (gpd)	Interconnected		
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*	1	
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



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	537	1	536	454
February	0	542	0	542	538
March	0	584	0	584	505
April	0	669	10	659	552
May	0	648	4	645	579
June	0	485	1	483	574
July	0	469	0	469	444
August	0	469	0	469	425
September	0	460	0	460	409
October	0	495	0	495	408
November	0	500	0	500	467
December	0	511	0	511	424
Total for year	0	6,367	16	6,351	5,780

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:
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	275	396,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	80	80
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			80	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
5,779,901	80	365	198

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	80
2. Maximum number of ERCs * which can be served **	500
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? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system	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 #.	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	41,169	100	41,069	39,370
February	0	40,157	69	40,088	38,847
March	0	42,856	90	42,766	48,434
April	0	63,866	68	63,799	54,719
May	0	70,776	83	70,692	65,432
June	0	47,338	68	47,270	61,750
July	0	55,095	70	55,024	52,611
August	0	50,848	68	50,779	45,612
September	0	40,074	70	40,004	49,999
October	0	58,441	63	58,379	46,856
November	0	48,850	71	48,779	53,603
December	0	45,121	525	44,596	44,589
Total for year	0	604,591	1,345	603,246	601,822

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 EQUIVALENT RESIDENTIAL UNITS

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	3,184	3,184
3/4"	Displacement	1.5	476	714
1"	Displacement	2.5	48	120
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			3,741	4,189

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
	560,505,307	3,633	365	423

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	93	93
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			129	286

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.	3,633
2. Maximum number of ERCs * which can be served **	4,599
3. Present system connection capacity (in ERCs *) using existing lines.	4,086
4. Future connection capacity (in ERCs *) upon service area buildout.	4,222
5. Estimated annual increase in ERCs *.	195
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: Distribution system upgrades.	
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 #	TEMP/49
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	3,108	3,108
3/4"	Displacement	1.5	466	699
1"	Displacement	2.5	39	98
1 1/2"	Displacement or Turbine	5.0	29	145
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Wastewater System Meter Equivalents				4,050

**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
	218,177,031	3,552	365	168

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	74	74
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turb	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
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)	0.746	(Average of Max Month)	
Effluent Disposal (gpd)	1,300,000		
Total Gallons of WW Treated (mg)	241.775		
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.	3,552	
2. Maximum number of ERC's * which can be served.	4,976	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	4,039	
4. Future connection capacity (in ERCs*) upon service area buildout.**	4,112	
5. Estimated annual increase in ERCs*	192	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Collection system rehabilitation 10/17/01; Collection system rehabilitation 10/31/02; conversion to hypochlorite for disinfection 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?		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	451	0	4	447	442
February	486	0	0	486	373
March	584	0	0	584	504
April	568	0	4	564	554
May	552	0	4	549	473
June	478	0	6	473	488
July	470	0	4	466	434
August	400	0	4	397	387
September	344	0	4	340	365
October	334	0	4	331	269
November	354	0	0	354	291
December	352	0	2	351	320
Total for year	5,373	0	32	5,341	4,901

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 EQUIVALENT RESIDENTIAL UNITS

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
2,339,690	48	365	134

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	48
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	96
4. Future connection capacity (in ERCs *) upon service area buildout	99
5. Estimated annual increase in ERCs *	4
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 #.	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 Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Wastewater 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
	589,400	16	365	101

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)	15,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	DEFIANCE		
Type (2)	Extended Aeration		
Hydraulic Capacity (gpd)	15,000		
Average Daily Flow (mgd)	0.009	(Average of Max Month)	
Effluent Disposal (gpd)	15,000		
Total Gallons of WW Treated (mg)	2.615		
Method of Effluent Disposal	Percolation Pond		

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

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		
2. Maximum number of ERC's * which can be served.	149	**	
** Note: SFR gallons sold is not representative of total ww flow at plant.			
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*	3		
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 #		FLA011732-001-DW3P	

* 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	60,949	384	60,565	55,138
February	0	56,922	372	56,550	55,203
March	0	61,171	351	60,820	61,343
April	0	66,456	394	66,061	59,470
May	0	70,153	353	69,800	64,018
June	0	57,941	189	57,751	66,547
July	0	57,707	655	57,052	54,690
August	0	59,634	213	59,420	54,164
September	0	54,038	205	53,833	56,318
October	0	60,158	187	59,970	52,691
November	0	58,028	196	57,832	56,472
December	0	62,241	197	62,044	66,103
Total for year	0	725,397	3,698	721,699	702,158

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	2,000	2,880,000	Deep Well
Well #2	2,500	3,600,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	10,033	10,033
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	4	10
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			10,058	10,202

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	Days	ERC
SFR Gallons Sold	Customers	Customers	Days	ERC
565,477,862	7,863	7,863	365	197

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	129	129
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	33	83
1 1/2"	Displacement or Turbine	5.0	14	70
2"	Displacement, Compound or Turbine	8.0	43	344
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	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			235	905

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.	7,863
2. Maximum number of ERCs * which can be served **	7,308
3. Present system connection capacity (in ERCs *) using existing lines.	8,651
4. Future connection capacity (in ERCs *) upon service area buildout.	8,992
5. Estimated annual increase in ERCs *.	92
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. Projects completed 2002: Distribution system upgrades, ammoniation for THM control.	
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? 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.	It should be noted that

* 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	7,871	7,871
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				7,871

**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
	400,603,918	7,813	365	140

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	107	107
3/4"	Displacement	1.5	5	8
1"	Displacement	2.5	14	35
1 1/2"	Displacement or Turbine	5.0	8	40
2"	Displacement, Compound or Turb	8.0	14	112
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	4	120
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				484

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)	1.885	(Average of Max Month)	
Effluent Disposal (gpd)	1,800,000		
Total Gallons of WW Treated (mg)	605.290		
Method of Effluent Disposal	Wetlands, Golf Course irrigation & 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. 7,813
2. Maximum number of ERC's * which can be served. 12,857 **
** Note: SFR gallons sold is not representative of total ww flow at plant.
3. Present system connection capacity (in ERCs*) using existing lines. 8,041
4. Future connection capacity (in ERCs*) upon service area buildout.** 9,351
5. Estimated annual increase in ERCs* 72
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 5/31/02, WWTP modifications 8/31/02.
Projects started 2002 and completed 2003: Interconnect reuse system with City of Kississimee.
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	11,557	348	11,210	8,079
February	0	11,346	859	10,486	10,189
March	0	11,990	654	11,336	10,542
April	0	11,412	666	10,746	11,169
May	0	10,237	295	9,941	7,935
June	0	7,326	237	7,090	8,324
July	0	6,595	120	6,475	6,648
August	0	7,590	12	7,577	5,844
September	0	8,013	12	8,000	6,526
October	0	8,691	9	8,683	6,142
November	0	10,642	115	10,528	6,871
December	0	11,077	925	10,152	8,706
Total for year	0	116,477	4,252	112,225	96,974

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 #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 EQUIVALENT RESIDENTIAL UNITS

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	1,440	1,440
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	45	113
1 1/2"	Displacement or Turbine	5.0	17	85
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	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	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			1,514	1,791

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
59,835,359	1,404	365	117

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	22	22
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	14	35
1 1/2"	Displacement or Turbine	5.0	10	50
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	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			65	294

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.	1,404
2. Maximum number of ERCs * which can be served **	3,768
3. Present system connection capacity (in ERCs *) using existing lines.	1,420
4. Future connection capacity (in ERCs *) upon service area buildout.	4,984
5. Estimated annual increase in ERCs *:	259
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: Upsizing of injection well tubing.	
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	1,230	1,230
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	45	113
1 1/2"	Displacement or Turbine	5.0	16	80
2"	Displacement, Compound or Turb	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	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				1,514

**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
	40,099,666	1,144	365	96

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	12	12
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	4	32
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				112

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)	0.229	(Average of Max Month)	
Effluent Disposal (gpd)	250,000		
Total Gallons of WW Treated (mg)	70.171		
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.	1,144
2. Maximum number of ERC's * which can be served.	2,226 **
** Note: SFR gallons sold is not representative of total ww flow at plant	
3. Present system connection capacity (in ERCs*) using existing lines	1,722
4. Future connection capacity (in ERCs*) upon service area buildout.**	6,406
5. Estimated annual increase in ERCs*	153
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.	
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:	
	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 #	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	1,370	0	1,370	1,231
February	0	1,294	0	1,294	1,239
March	0	1,342	24	1,318	1,298
April	0	1,736	0	1,736	1,216
May	0	1,913	80	1,833	1,730
June	0	1,347	0	1,347	1,831
July	0	1,280	0	1,280	1,277
August	0	1,618	0	1,618	1,092
September	0	1,283	0	1,283	1,401
October	0	1,310	0	1,310	1,085
November	0	1,414	0	1,414	1,289
December	0	1,354	0	1,354	1,342
Total for year	0	17,261	104	17,157	16,029

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 EQUIVALENT RESIDENTIAL UNITS

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	195	195
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			196	203

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
16,029,196	187	365	235

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	187
2. Maximum number of ERCs * which can be served **	307
3. Present system connection capacity (in ERCs *) using existing lines.	349
4. Future connection capacity (in ERCs *) upon service area buildout.	621
5. Estimated annual increase in ERCs *.	19
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	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	5,792	247	5,545	4,447
February	0	4,864	124	4,739	4,446
March	0	5,480	272	5,208	5,012
April	0	6,038	314	5,724	4,973
May	0	6,463	44	6,420	5,194
June	0	5,525	29	5,497	5,517
July	0	6,214	94	6,120	4,687
August	0	5,750	4	5,746	4,674
September	0	5,791	2	5,789	4,592
October	0	5,110	17	5,093	4,585
November	0	4,816	41	4,775	4,202
December	0	4,934	53	4,881	4,160
Total for year	0	66,777	1,239	65,537	56,487

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	500	720,000	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 EQUIVALENT RESIDENTIAL UNITS

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	784	784
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	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			789	802

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
54,228,272	758	365	196

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	2	5
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	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			11	59

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.	758
2. Maximum number of ERCs * which can be served **	2,663
3. Present system connection capacity (in ERCs *) using existing lines.	1,939
4. Future connection capacity (in ERCs *) upon service area buildout.	2,643
5. Estimated annual increase in ERCs *.	9
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 600 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002 : Construct 300,000 gal ground storage tank, install third 1,000 gpm high service pump, convert gas chlorine to liquid sodium hypochlorite.	
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	170	170
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				170

**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
	7,585,419	163	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 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				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)	0.048	(Average of Max Month)	
Effluent Disposal (gpd)	100,000		
Total Gallons of WW Treated (mg)	10.220		
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.	163	
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.	236	
4. Future connection capacity (in ERCs*) upon service area buildout.**	959	
5. Estimated annual increase in ERCs*	4	
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



PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) (b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	2,315	186	2,128	2,016
February	0	1,957	147	1,810	1,958
March	0	2,132	149	1,983	1,728
April	0	2,478	144	2,334	1,814
May	0	3,115	80	3,035	2,328
June	0	2,478	121	2,357	2,819
July	0	2,216	25	2,192	2,213
August	0	2,364	73	2,291	1,956
September	0	2,156	99	2,057	2,175
October	0	2,444	133	2,311	1,698
November	0	2,270	144	2,126	2,285
December	0	2,494	108	2,385	2,059
Total for year	0	28,418	1,409	27,009	25,048

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	148	213,120	Deep Well
Well # 2	137	197,280	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	351	351
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			351	351

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	
23,220,030	340	365	187	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	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			19	19

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.	340
2. Maximum number of ERCs * which can be served **	264
3. Present system connection capacity (in ERCs *) using existing lines.	348
4. Future connection capacity (in ERCs *) upon service area buildout.	348
5. Estimated annual increase in ERCs *.	2
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	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 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				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
	11,412,979	263	365	119

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

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)	0.042	(Average of Max Month)	
Effluent Disposal (gpd)	64,000		
Total Gallons of WW Treated (mg)	14.128		
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.	263
2. Maximum number of ERC's * which can be served.	448 **
** Note. SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	273
4. Future connection capacity (in ERCs*) upon service area buildout.**	273
5. Estimated annual increase in ERCs*	1
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



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	23,975	0	432	23,543	21,072
February	22,516	0	1,012	21,504	22,044
March	23,454	0	981	22,473	23,247
April	23,293	0	955	22,338	20,777
May	24,381	0	1,315	23,066	20,615
June	19,135	0	625	18,510	22,479
July	19,371	0	1,635	17,736	17,374
August	19,449	0	1,333	18,116	17,390
September	17,975	0	845	17,130	16,379
October	21,254	0	940	20,314	16,287
November	23,056	0	1,091	21,965	18,059
December	23,538	0	1,280	22,258	21,608
Total for year	261,397	0	12,444	248,953	237,328

If water is purchased for resale, indicate the following:
 Vendor Peace River/Manasota Regional Water Supply Authority
 Point of delivery 10" Badger 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
Purchased from Charlotte 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 EQUIVALENT RESIDENTIAL UNITS

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	3,390	3,390
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			3,486	3,820

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
194,307,478	3,342	365	159

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	8	20
1 1/2"	Displacement or Turbine	5.0	6	30
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	279

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.	3,342
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	3,788
4. Future connection capacity (in ERCs *) upon service area buildout.	8,155
5. Estimated annual increase in ERCs *	70
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	3,463	3,463
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	57	143
1 1/2"	Displacement or Turbine	5.0	24	120
2"	Displacement, Compound or Turb	8.0	13	104
3"	Displacement	15.0	0	0
3"	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				3,895

**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
	160,314,107	3,381	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	6	15
1 1/2"	Displacement or Turbine	5.0	6	30
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	1	90
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				314

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		
Effluent Disposal (gpd)	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.	3,381	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.	3,928	
4. Future connection capacity (in ERCs*) upon service area buildout.**	8,034	
5. Estimated annual increase in ERCs*	73	
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

2001

PAGE W-11 EXHIBIT # 1

PAGE # 1 of 1

List for each source of supply:

WELLS	CAPACITY OF WELL gpm	GALLONS PER DAY FROM	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	1200	1,728,000	DEEP WELL
Vicksburg # 19	500	720,000	DEEP WELL
Sagamore # 22	1500	2,160,000	DEEP WELL
Sagamore # 32	650	936,000	DEEP WELL
Magdelina # 33	750	1,080,000	DEEP WELL
Wellington # 34	650	936,000	DEEP WELL
Sagamore # 35	650	936,000	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	310,134	185	309,949	292,425
February	0	288,715	18,498	270,217	254,360
March	0	307,961	20,396	287,565	286,783
April	0	367,320	34,888	332,432	266,081
May	0	397,037	25,950	371,087	339,088
June	0	304,035	35,075	268,960	352,708
July	0	286,906	55,222	231,684	291,482
August	0	312,313	34	312,279	247,028
September	0	252,745	11,415	241,330	268,113
October	0	290,738	16,814	273,924	243,538
November	0	258,201	10,071	248,130	249,963
December	0	313,458	31	313,427	239,911
Total for year	0	3,689,563	228,577	3,460,986	3,331,479

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 #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 EQUIVALENT RESIDENTIAL UNITS

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	27,267	27,267
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	772	1,930
1 1/2"	Displacement or Turbine	5.0	5	25
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	3	53
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
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			28,058	29,343

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
3,118,433,552	26,757	365	319

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	384	384
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	106	265
1 1/2"	Displacement or Turbine	5.0	29	145
2"	Displacement, Compound or Turbine	8.0	88	704
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	37	648
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	0	0
8"	Compound	80.0	0	0
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			652	2,386

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.	26,757
2. Maximum number of ERCs * which can be served **	32,771
3. Present system connection capacity (in ERCs *) using existing lines.	46,919
4. Future connection capacity (in ERCs *) upon service area buildout.	61,393
5. Estimated annual increase in ERCs *.	365
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: Ft Smith Blvd utility relocation, well #38 installation, well #19 rehab and pump capacity increase, conversion of gas chlorine to liquid sodium hypochlorite, THM study. Projects started in 2002 and completed 2003: Normandy Blvd 500,000 gal ground storage tank.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the 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	4,956	4,956
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	22	55
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Wastewater System Meter Equivalents				5,027

**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
	208,825,987	4,772	365	120

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	206	206
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	37	93
1 1/2"	Displacement or Turbine	5.0	14	70
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				784

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)	1.259	(Average of Max Month)	
Effluent Disposal (gpd)	1,250,000		
Total Gallons of WW Treated (mg)	376.525		
Method of Effluent Disposal	Spray Irrigation, FPL Drainage, 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.	4,772	
2. Maximum number of ERC's * which can be served.	10,417	**
** Note: SFR gallons sold is not representative of total ww flow at plant		
3. Present system connection capacity (in ERCs*) using existing lines.	5,083	
4. Future connection capacity (in ERCs*) upon service area buildout.**	8,213	
5. Estimated annual increase in ERCs*	31	
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?		August-94
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

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	718	14	705	565
February	0	515	0	515	505
March	0	537	0	537	492
April	0	630	0	630	621
May	0	681	0	681	668
June	1	527	0	528	667
July	61	524	0	584	568
August	519	116	0	636	487
September	495	11	0	506	552
October	214	364	0	578	619
November	0	510	2	508	490
December	0	537	139	397	508
Total for year	1,290	5,669	155	6,804	6,742

If water is purchased for resale, indicate the following:

Vendor City of Altamonte Springs
 Point of delivery 6" Meter @ Northlake Dr & Hwy 436

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	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:

* Emergency interconnect with City of Altamonte.

* High Service

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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
6,741,675	59	365	313

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	59
2. Maximum number of ERCs * which can be served **	287
3. Present system connection capacity (in ERCs *) using existing lines.	60
4. Future connection capacity (in ERCs *) upon service area buildout.	60
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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	3,090	86	3,004	2,735
February	0	2,814	108	2,706	2,527
March	0	3,228	130	3,098	2,652
April	0	3,758	167	3,591	2,916
May	0	4,245	207	4,038	3,278
June	0	2,726	201	2,525	3,289
July	0	2,954	198	2,756	2,333
August	0	3,491	231	3,260	2,408
September	0	2,669	240	2,429	2,784
October	0	2,785	231	2,554	2,438
November	0	3,011	244	2,767	2,326
December	0	3,661	203	3,458	2,901
Total for year	0	38,432	2,246	36,186	32,586

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 EQUIVALENT RESIDENTIAL UNITS

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	218	218
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			253	322

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
32,540,199	248	365	359

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	248
2. Maximum number of ERCs * which can be served **	250
3. Present system connection capacity (in ERCs *) using existing lines.	258
4. Future connection capacity (in ERCs *) upon service area buildout.	258
5. Estimated annual increase in ERCs *.	3
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 #	20-117-0019
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	488	0	488	368
February	0	545	0	545	505
March	0	460	0	460	535
April	0	277	80	197	459
May	0	483	3	480	485
June	0	506	87	419	450
July	0	360	23	337	335
August	0	350	27	323	379
September	0	390	8	382	265
October	0	428	14	414	267
November	0	500	0	500	436
December	0	580	20	560	458
Total for year	0	5,367	261	5,105	4,941

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 EQUIVALENT RESIDENTIAL UNITS

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
4,936,292	172	365	79

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 **	916
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 *.	2
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	1,251	0	24	1,227	1,120
February	1,116	0	36	1,080	1,027
March	1,328	0	21	1,307	1,354
April	1,544	0	22	1,522	1,187
May	1,655	0	24	1,631	1,272
June	1,352	0	22	1,330	1,579
July	1,234	0	28	1,206	1,276
August	1,319	0	28	1,291	1,074
September	1,339	0	21	1,318	1,160
October	1,509	0	58	1,451	1,212
November	1,202	0	42	1,160	1,407
December	1,237	0	28	1,209	881
Total for year	16,085	0	353	15,731	14,549

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 EQUIVALENT RESIDENTIAL UNITS

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	171	171
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			171	171

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
12,656,666	167	365	208

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	185
4. Future connection capacity (in ERCs *) upon service area buildout.	185
5. Estimated annual increase in ERCs *.	3
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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	1,116	320	797	841
February	0	989	30	959	908
March	0	1,041	149	892	856
April	0	1,378	371	1,008	826
May	0	1,704	36	1,668	1,075
June	0	1,285	18	1,267	1,454
July	0	1,112	24	1,088	921
August	0	1,227	80	1,147	774
September	0	1,166	80	1,086	894
October	0	1,320	425	895	920
November	0	1,265	425	840	924
December	0	1,480	425	1,055	935
Total for year	0	15,082	2,383	12,700	11,328

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 EQUIVALENT RESIDENTIAL UNITS

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)	SFR Gallons Sold	Average Customers	Days	ERC
	11,327,668	125	365	248

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	125
2. Maximum number of ERCs * which can be served **	261
3. Present system connection capacity (in ERCs *) using existing lines.	125
4. Future connection capacity (in ERCs *) upon service area buildout.	125
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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.



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	712	13	699	610
February	0	678	11	667	609
March	0	764	12	752	585
April	0	694	12	682	609
May	0	703	14	689	576
June	0	652	13	639	781
July	0	718	17	701	444
August	0	877	10	867	555
September	0	841	21	820	593
October	0	878	5	873	664
November	0	819	13	805	537
December	0	848	14	835	951
Total for year	0	9,184	156	9,028	7,513

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	
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 EQUIVALENT RESIDENTIAL UNITS

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 Customers	Days	ERC
SFR Gallons Sold 7,441,210	141	365	145

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 **	249
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 well and hydrotank.	
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 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				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:	SFR Gallons Sold	Average Customers	Days	ERC
	5,638,969	139	365	111

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

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)	0.042	(Average of Max Month)	
Effluent Disposal (gpd)	25,000		
Total Gallons of WW Treated (mg)	8.598		
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. 182 **
** 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 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				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
19,329,430	50	365	1,059
* This system only has commercial customers			

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	13	20
1"	Displacement	2.5	10	25
1 1/2"	Displacement or Turbine	5.0	7	35
2"	Displacement, Compound or Turb	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				179

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: FLORIDA CENTRAL COMMERCE /

YEAR OF REPORT
December 31, 2001

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)	0.043	(Average of Max Month)	
Effluent Disposal (gpd)	95,000		
Total Gallons of WW Treated (mg)	11.903		
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.	90	**
** Note: SFR gallons sold is not representative of total ww flow at plant		
3. Present system connection capacity (in ERCs*) using existing lines.	63	
4. Future connection capacity (in ERCs*) upon service area buildout.**	71	
5. Estimated annual increase in ERCs*	5	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Equalization Tank 8/31/02		
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. 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

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	1,014	2	1,011	1,023
February	0	913	0	913	900
March	0	1,016	0	1,016	986
April	0	1,189	0	1,189	955
May	0	1,422	1	1,421	1,124
June	0	1,056	0	1,056	1,297
July	0	1,017	1	1,016	1,081
August	0	994	0	994	832
September	0	1,063	0	1,063	944
October	0	1,101	0	1,101	936
November	0	1,070	0	1,070	1,000
December	0	1,096	0	1,096	953
Total for year	0	12,950	4	12,946	12,032

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	220	316,800	Deep Well
Well # 2	80	115,200	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	158	158
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			158	158

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
12,022,224	153	365	215

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	153
2. Maximum number of ERCs * which can be served **	268
3. Present system connection capacity (in ERCs *) using existing lines.	188
4. Future connection capacity (in ERCs *) upon service area buildout.	232
5. Estimated annual increase in ERCs *.	25
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 #.	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	818	53	765	693
February	0	710	107	603	702
March	0	833	68	765	683
April	0	865	50	815	741
May	0	841	40	801	760
June	0	730	45	685	808
July	0	804	26	779	732
August	0	945	25	920	567
September	0	908	66	842	784
October	0	842	157	685	624
November	0	793	50	743	718
December	0	856	40	816	778
Total for year	0	9,945	727	9,218	8,589

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 EQUIVALENT RESIDENTIAL UNITS

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	0	0
3"	Displacement	15.0	0	0
3"	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	111

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 Customers	Days	ERC
SFR Gallons Sold 8,588,868	108	365	218

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	108
2. Maximum number of ERCs * which can be served **	826
3. Present system connection capacity (in ERCs *) using existing lines.	117
4. Future connection capacity (in ERCs *) upon service area buildout.	117
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 completed 2002: 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	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 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				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:			
SFR Gallons Sold	Average Customers	Days	ERC
5,804,924	107	365	149

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Commercial Wastewater System Meter Equivalents				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		
Effluent Disposal (gpd)	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. 107 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. 109
4. Future connection capacity (in ERCs*) upon service area buildout.** 109
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



PUMPING AND PURCHASED WATER STATISTICS
 SYSTEM IS INTERCONNECTED WITH EAST LAKE HARRIS

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	162	0	162	162
February	0	99	0	99	99
March	0	194	0	194	194
April	0	375	0	375	375
May	0	123	0	123	123
June	0	55	0	55	55
July	0	105	0	105	105
August	0	160	0	160	160
September	0	38	0	38	38
October	0	76	0	76	76
November	0	62	0	62	62
December	0	25	5	20	20
Total Sold here for Friendly Center only					
Total for year	0	1,475	5	1,470	1,470

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	
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 EQUIVALENT RESIDENTIAL UNITS

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)	Average		
SFR Gallons Sold	Customers	Days	ERC
1,436,464	27	365	146

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 **	247
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? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	1,121	0	1,121	961
February	0	1,147	0	1,147	1,050
March	0	1,167	0	1,167	1,056
April	0	1,616	0	1,616	1,012
May	0	2,003	0	2,003	1,408
June	0	1,285	0	1,285	1,615
July	0	1,165	3	1,162	1,034
August	0	1,290	6	1,284	896
September	0	1,075	4	1,072	946
October	0	1,520	0	1,520	892
November	0	1,459	0	1,459	1,160
December	0	1,323	0	1,323	1,124
Total for year	0	16,169	13	16,157	13,153

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 EQUIVALENT RESIDENTIAL UNITS

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	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			108	129

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
10,343,060	100	365	283

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	100
2. Maximum number of ERCs * which can be served **	127
3. Present system connection capacity (in ERCs *) using existing lines	123
4. Future connection capacity (in ERCs *) upon service area buildout.	157
5. Estimated annual increase in ERCs *.	6
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	1,581	16	1,564	1,190
February	0	1,548	153	1,395	1,238
March	0	1,766	144	1,622	1,537
April	0	1,868	152	1,716	1,399
May	0	2,098	217	1,880	1,644
June	0	1,568	15	1,553	1,572
July	0	1,329	203	1,126	1,113
August	0	1,426	21	1,404	1,087
September	0	1,398	30	1,368	1,398
October	0	1,470	245	1,226	1,111
November	0	1,380	18	1,362	1,200
December	0	1,328	18	1,310	1,269
Total for year	0	18,759	1,232	17,526	15,758

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 EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	155	155
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	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			159	171

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
13,809,780	149	365	254

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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

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.	149
2. Maximum number of ERCs * which can be served **	99
3. Present system connection capacity (in ERCs *) using existing lines.	131
4. Future connection capacity (in ERCs *) upon service area buildout.	190
5. Estimated annual increase in ERCs *	1
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 500 gpm	
7. Attach a description of the fire fighting facilities	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Utility relocation on US 98, interconnect with Lake Gibson 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 #.	6530079
12. Water Management District Consumptive Use Permit #	209336.01
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	722	0	722	678
February	0	745	0	745	598
March	0	793	24	769	756
April	0	1,649	48	1,601	735
May	0	1,705	320	1,385	1,341
June	0	1,087	0	1,087	1,530
July	0	880	0	880	926
August	0	847	22	825	698
September	0	743	0	743	787
October	0	860	80	780	607
November	0	824	86	738	734
December	0	856	101	755	693
Total for year	0	11,709	680	11,029	10,082

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	600	864,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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
10,082,350	109	365	253

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	109
2. Maximum number of ERCs * which can be served **	852
3. Present system connection capacity (in ERCs *) using existing lines.	109
4. Future connection capacity (in ERCs *) upon service area buildout.	109
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	399	27	372	360
February	0	403	31	372	344
March	0	440	29	411	476
April	0	512	26	486	392
May	0	497	22	475	446
June	0	470	25	445	422
July	187	307	18	476	439
August	0	495	22	474	511
September	0	370	26	344	352
October	42	421	30	433	368
November	0	445	6	439	411
December	20	502	38	483	423
Total for year	250	5,261	299	5,211	4,914

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 EQUIVALENT RESIDENTIAL UNITS

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
4,913,990	57	365	236

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	57
2. Maximum number of ERCs * which can be served **	457
3. Present system connection capacity (in ERCs *) using existing lines.	57
4. Future connection capacity (in ERCs *) upon service area buildout.	57
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	1,237	307	930	604
February	0	1,406	622	784	600
March	0	1,368	371	996	780
April	0	1,318	821	497	663
May	0	1,362	503	859	722
June	0	1,408	390	1,017	706
July	0	1,094	905	189	595
August	0	1,031	355	677	525
September	0	829	211	618	659
October	0	1,162	208	954	556
November	0	1,611	462	1,149	689
December	0	1,945	1,149	796	704
Total for year	0	15,769	6,304	9,466	7,805

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	150	216,000	Deep Well
Well #1 St. John's Highlands (Out of Service)			OFS Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 216,000	(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:

* Well

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	186	186
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			186	186

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	
7,579,382	270	365	77	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	270
2. Maximum number of ERCs * which can be served **	702
3. Present system connection capacity (in ERCs *) using existing lines.	555
4. Future connection capacity (in ERCs *) upon service area buildout.	742
5. Estimated annual increase in ERCs *.	2
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Install new well and ground storage tank to serve both Hermits Cove and ST Johns Highlands systems.	
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, 2002
d. Attach plans for funding the required upgrading	Florida Water Services Budget - 2002
e. Is this system under any Consent Order with DEP?	No
11. Department of Environmental Protection ID #.	2540482 St. John's: 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	800	0	800	747
February	0	612	326	287	616
March	0	644	22	622	600
April	0	730	80	650	577
May	0	874	3	871	668
June	0	745	0	745	798
July	0	649	0	649	603
August	0	732	0	732	537
September	0	671	1	670	666
October	0	819	0	819	548
November	0	614	0	614	761
December	0	613	0	613	484
Total for year	0	8,503	431	8,072	7,605

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 EQUIVALENT RESIDENTIAL UNITS

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	106	106
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or 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			106	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)			
SFR Gallons Sold	Average Customers	Days	ERC
7,574,326	100	365	208

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	100
2. Maximum number of ERCs * which can be served **	260
3. Present system connection capacity (in ERCs *) using existing lines.	110
4. Future connection capacity (in ERCs *) upon service area buildout.	110
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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.



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	452	0	8	444	324
February	411	0	1	410	313
March	438	0	1	437	395
April	533	0	1	532	444
May	460	0	1	460	363
June	483	0	1	482	408
July	542	0	1	542	360
August	465	0	1	465	333
September	184	0	17	167	389
October	364	0	1	363	299
November	718	0	1	717	368
December	1,033	0	6	1,027	423
Total for year	6,082	0	36	6,046	4,419

High purchased reported for Nov & Dec was due to meter malfunction - Repaired Dec 28, 2001

If water is purchased for resale, indicate the following:

Vendor Astor-Astor Park Water Association
 Point of delivery 4" Compound Meter @ 55802 Fern Road

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 Astor			

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 EQUIVALENT RESIDENTIAL UNITS

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	122	122
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			122	122

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	
4,170,403	116	365	98	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	116
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 *.	5
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	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 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				107

**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
	3,118,563	98	365	87

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)	0.037	(Average of Max Month)	
Effluent Disposal (gpd)	25,000		
Total Gallons of WW Treated (mg)	7.458		
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.	98	
2. Maximum number of ERC's * which can be served.	287	**
** 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*	4	
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



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	589	12	577	719
February	0	805	0	805	791
March	0	465	0	465	1,201
April	0	397	0	397	533
May	0	293	0	293	741
June	0	263	0	263	643
July	0	174	0	174	579
August	0	236	0	236	446
September	0	175	0	175	455
October	0	247	0	247	429
November	0	239	0	239	701
December	0	332	0	332	690
Total for year	0	4,214	12	4,202	7,927

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	92	132,480	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	
7,927,285	241	365	90	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	241
2. Maximum number of ERCs * which can be served **	368
3. Present system connection capacity (in ERCs *) using existing lines.	241
4. Future connection capacity (in ERCs *) upon service area buildout	241
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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.



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	1,342	124	1,218	1,205
February	0	1,211	70	1,141	1,075
March	0	1,374	82	1,292	1,338
April	0	1,530	169	1,361	1,336
May	0	1,667	108	1,559	1,428
June	0	1,264	92	1,172	1,427
July	0	1,290	74	1,217	1,333
August	0	1,259	58	1,201	1,134
September	0	1,224	61	1,163	1,255
October	0	1,220	59	1,161	1,292
November	0	1,216	53	1,163	1,009
December	0	1,346	61	1,285	1,212
Total for year	0	15,945	1,011	14,934	15,044

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	250	360,000	Deep Well
Well # 2	75	108,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	289	289
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			289	289

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
13,292,081	244	365	149

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	12	12
3/4"	Displacement	1.5	1	2
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			15	19

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.	244
2. Maximum number of ERCs * which can be served **	181
3. Present system connection capacity (in ERCs *) using existing lines.	356
4. Future connection capacity (in ERCs *) upon service area buildout.	441
5. Estimated annual increase in ERCs *	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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.	
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	1 070	1	1 069	967
February	0	1 011	2	1 009	949
March	0	1 342	0	1 342	1 300
April	0	1 306	6	1 300	1 300
May	0	1 409	1	1 408	1 299
June	0	1 059	11	1 049	1 274
July	0	1 057	0	1 056	993
August	0	1 165	0	1 164	990
September	0	943	0	943	943
October	0	1 065	1	1 065	992
November	0	1 122	0	1 122	1 091
December	0	1 124	0	1 124	1 090
Total for year	0	13,672	22	13,650	12,240

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 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

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

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	267	267
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			267	267

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
11,097,100	255	365	119

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

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	255
2. Maximum number of ERCs * which can be served **	574
3. Present system connection capacity (in ERCs *) using existing lines.	363
4. Future connection capacity (in ERCs *) upon service area buildout.	363
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Relocate water mains along SR 20.	
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?	
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	242	0	0	242	240
February	247	0	0	247	251
March	263	0	0	263	284
April	183	0	0	183	209
May	165	0	0	165	166
June	150	0	0	150	161
July	164	0	0	164	151
August	147	0	0	147	153
September	124	0	0	124	149
October	152	0	0	152	131
November	177	0	0	177	187
December	184	0	0	184	173
Total for year	2,196	0	0	2,196	2,255

If water is purchased for resale, indicate the following:
 Vendor Astor-Astor Park Water Association
 Point of delivery 4 inch Kent Meter @ Juno Trail and Alice Dr.

If water is sold to other 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 Astor			

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 EQUIVALENT RESIDENTIAL UNITS

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	114	114
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			114	114

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	
2,254,624	114	365	54	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	114
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	129
4. Future connection capacity (in ERCs *) upon service area buildout.	129
5. Estimated annual increase in ERCs *.	14
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	131	131
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				131

**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
	2,895,044	128	365	62

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

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)	0.024	(Average of Max Month)	
Effluent Disposal (gpd)	21,000		
Total Gallons of WW Treated (mg)	5.438		
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.	128
2. Maximum number of ERC's * which can be served.	339 **
** 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



PUMPING AND PURCHASED WATER STATISTICS
 SYSTEM IS INTERCONNECTED WITH KEYSTONE HEIGHTS

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	1,047	81	967	790
February	0	1,050	82	968	902
March	0	1,372	86	1,287	872
April	0	4,888	114	4,774	896
May	0	6,864	402	6,462	1,215
June	0	7,408	541	6,867	1,436
July	0	838	330	508	1,011
August	0	4,806	60	4,746	899
September	0	3,705	310	3,395	902
October	0	4,949	191	4,758	846
November	0	2,857	244	2,613	1,025
December	0	2,827	231	2,595	1,029
Total Sold here for Keystone Club only					
Total for year	0	42,611	2,670	39,941	11,824

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	375	540,000	Deep Well
Well #2	375	540,000	Deep Well

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

Capacity of Plant (GPD):	* 540,000	(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 EQUIVALENT RESIDENTIAL UNITS

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	183	183
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			190	206

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	
11,823,900	165	365	196	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	165
2. Maximum number of ERCs * which can be served **	688
3. Present system connection capacity (in ERCs *) using existing lines.	176
4. Future connection capacity (in ERCs *) upon service area buildout.	176
5. Estimated annual increase in ERCs *.	3
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Rehab one 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 #.	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.



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

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	11,895	209	11,686	10,328
February	0	9,954	194	9,760	9,020
March	0	11,281	258	11,022	10,898
April	0	9,836	300	9,535	9,710
May	0	12,270	207	12,063	12,040
June	0	6,090	180	5,910	15,208
July	0	8,405	126	8,279	10,084
August	0	8,405	158	8,247	8,947
September	0	8,012	238	7,774	11,089
October	0	9,809	32	9,776	8,957
November	0	10,820	124	10,696	12,258
December	0	9,346	219	9,127	11,466
Total for year	0	116,122	2,245	113,877	130,004

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	250	360,000	Deep Well
Well # 2 (Not in use)	0	0	Deep Well
Well # 3	750	1,080,000	Deep Well

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

Capacity of Plant (GPD):	* 360,000	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
LIME TREATMENT		
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 EQUIVALENT RESIDENTIAL UNITS

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	957	957
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	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			961	1,033

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	Days	ERC
SFR Gallons Sold	Customers		
85,945,033	916	365	257

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	22	55
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turbine	8.0	16	128
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	6	105
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	3	90
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			166	636

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.	916
2. Maximum number of ERCs * which can be served **	350
3. Present system connection capacity (in ERCs *) using existing lines.	923
4. Future connection capacity (in ERCs *) upon service area buildout.	1,086
5. Estimated annual increase in ERCs *.	18
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	
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	338	0	0	338	351
February	296	0	0	296	296
March	234	0	0	234	231
April	238	0	0	238	272
May	288	0	0	288	272
June	258	0	0	258	346
July	268	0	0	268	294
August	262	0	0	262	252
September	217	0	0	217	264
October	221	0	0	221	247
November	185	0	0	185	196
December	213	0	0	213	221
Total for year	3,018	0	0	3,018	3,243

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 EQUIVALENT RESIDENTIAL UNITS

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	
3,242,663	59	365	151	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	59
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	61
4. Future connection capacity (in ERCs *) upon service area buildout.	61
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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	1,016	8	1,008	1,041
February	0	1,126	2	1,124	885
March	0	1,169	3	1,166	1,035
April	0	1,325	3	1,322	1,195
May	0	1,407	7	1,399	1,177
June	0	1,000	6	994	1,299
July	0	791	8	783	621
August	0	820	0	820	679
September	0	727	0	727	752
October	0	980	0	980	751
November	0	824	0	824	879
December	0	1,133	0	1,133	843
Total for year	0	12,317	38	12,279	11,158

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	290	417,600	Deep Well
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 EQUIVALENT RESIDENTIAL UNITS

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	96	96
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			99	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 Customers	Days	ERC
SFR Gallons Sold 11,157,518	95	365	322

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	95
2. Maximum number of ERCs * which can be served **	179
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 *	3
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 #	4900415W
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	503	116	387	490
February	0	432	20	412	458
March	0	496	21	475	483
April	0	586	21	565	440
May	0	635	25	610	540
June	0	465	26	439	599
July	0	474	21	453	412
August	0	504	42	462	449
September	0	401	46	355	387
October	0	446	42	404	352
November	0	454	10	444	410
December	0	514	13	501	413
Total for year	0	5,911	404	5,507	5,433

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 EQUIVALENT RESIDENTIAL UNITS

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
5,432,856	68	365	219

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 **	164
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? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. 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	7,007	88	6,919	5,695
February	0	7,070	253	6,817	6,003
March	0	7,458	291	7,167	6,730
April	0	8,261	709	7,552	6,612
May	0	9,456	107	9,349	7,299
June	0	7,468	433	7,035	8,067
July	0	7,245	263	6,982	6,253
August	0	7,517	960	6,557	6,292
September	0	6,672	233	6,439	5,973
October	0	7,263	165	7,097	5,906
November	0	7,137	556	6,581	6,443
December	0	7,560	615	6,945	6,319
Total for year	0	90,113	4,674	85,438	77,590

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 EQUIVALENT RESIDENTIAL UNITS

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	804	804
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	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			812	828

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
74,048,696	793	365	256

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	793
2. Maximum number of ERCs * which can be served **	563
3. Present system connection capacity (in ERCs *) using existing lines.	811
4. Future connection capacity (in ERCs *) upon service area buildout.	830
5. Estimated annual increase in ERCs *.	12
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 500 gpm	
7. Attach a description of the fire fighting facilities.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Utility relocation along Daughtery Road.	
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	305	305
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				305

**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
	15,958,130	278	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	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 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				7

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	100,000 *		
Basis of Permit Capacity (1)	M3MADF		
Manufacturer	MARLOF		
Type (2)	Interconnected		
Hydraulic Capacity (gpd)	100,000		
Average Daily Flow (mgd)	0.084	(Average of Max Month)	
Effluent Disposal (gpd)	85,000		
Total Gallons of WW Treated (mg)	15,609		
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.	278
2. Maximum number of ERC's * which can be served.	410 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	280
4. Future connection capacity (in ERCs*) upon service area buildout.**	291
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 2002: Collection system rehabilitation 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	47	2,139	98	2,088	2,116
February	0	1,959	70	1,889	2,062
March	0	2,056	69	1,987	2,134
April	0	2,418	74	2,344	2,080
May	282	2,262	10	2,534	3,155
June	0	2,253	75	2,178	1,826
July	0	2,316	92	2,224	2,388
August	0	2,242	11	2,232	2,015
September	0	1,882	10	1,872	2,149
October	78	2,087	0	2,165	1,850
November	9	2,162	0	2,171	2,058
December	2	2,518	41	2,479	2,169
Total for year	418	26,294	549	26,163	26,003

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 EQUIVALENT RESIDENTIAL UNITS

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	282	282
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			282	282

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	
22,359,265	257	365	238	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	257
2. Maximum number of ERCs ** which can be served **	604
3. Present system connection capacity (in ERCs *) using existing lines	289
4. Future connection capacity (in ERCs *) upon service area buildout.	295
5. Estimated annual increase in ERCs *	12
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 #	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.



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	59	0	59	28
February	0	51	0	51	79
March	0	50	0	50	53
April	0	59	0	59	48
May	0	64	0	64	61
June	0	64	0	64	61
July	0	60	0	60	61
August	0	81	0	81	60
September	0	56	0	56	80
October	0	77	0	77	56
November	0	89	0	89	81
December	0	67	0	67	76
Total for year	0	778	0	778	743

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	25	36,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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			
SFR Gallons Sold	Customers	Days	ERC	
742,988	13	365	157	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 ERCs * that system can efficiently serve.	13
2. Maximum number of ERCs * which can be served **	57
3. Present system connection capacity (in ERCs *) using existing lines	28
4. Future connection capacity (in ERCs *) upon service area buildout.	33
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
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

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) (b)+(c)-(d) (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	52,379	10,006	42,374	44,701
February	0	50,859	10,877	39,982	46,446
March	0	54,485	9,565	44,920	55,626
April	0	54,196	8,717	45,479	37,069
May	0	55,065	4,349	50,716	43,467
June	0	48,717	8,384	40,332	41,985
July	0	50,310	6,134	44,176	40,240
August	0	54,219	2,040	52,179	36,448
September	0	48,203	2,560	45,643	42,057
October	0	50,057	7,453	42,603	38,418
November	0	51,064	6,063	45,001	38,873
December	0	52,719	9,240	43,479	42,753
Total for year	0	622,273	85,389	536,884	508,133

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
See Exhibit #3			

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

Capacity of Plant (GPD):	* 2,232,000	(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 #1 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 EQUIVALENT RESIDENTIAL UNITS

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	9,298	9,298
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	6	15
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	0	0
12"	Turbine	215.0	0	0
Total Residential Water System Meter Equivalents			9,311	9,401

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
410,032,717	9,046	365	124

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	317	317
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	73	183
1 1/2"	Displacement or Turbine	5.0	41	205
2"	Displacement, Compound or Turbine	8.0	72	576
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			520	1,636

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.	9,046
2. Maximum number of ERCs * which can be served **	8,987
3. Present system connection capacity (in ERCs *) using existing lines.	10,492
4. Future connection capacity (in ERCs *) upon service area buildout.	104,919
5. Estimated annual increase in ERCs *.	76
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required? 2000 gpm	
7. Attach a description of the fire fighting facilities. See W-14 Exhibit Q-7	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Projects completed 2002: Upgrade electrical syste at water teatment palnt, install booster pump to improve pressures in southwest Lehigh, begin development of additional water supply in southwest Lehigh, expand water system in Lehigh Oaks and Woodridge subdivisions	
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	7,512	7,512
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Residential Wastewater System Meter Equivalents				7,525

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
	263,139,698	7,195	365	100

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	211	211
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	52	130
1 1/2"	Displacement or Turbine	5.0	34	170
2"	Displacement, Compound or Turb	8.0	31	248
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				1,009

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	2,500,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Clow	Davco	
Type (2)	Contact Stabilization w/tertiary filtration		
Hydraulic Capacity (gpd)	2,500,000		
Average Daily Flow (mgd)	2.884	(Average of Max Month)	
Effluent Disposal (gpd)	2,100,000		
Total Gallons of WW Treated (mg)	645.611		
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.	7,195
2. Maximum number of ERC's * which can be served.	21,000 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	11,211
4. Future connection capacity (in ERCs*) upon service area buildout.**	107,917
5. Estimated annual increase in ERCs*	140
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, expansion of reuse to Majestic Golf Course, perc pond recycle pump station, collection system improvements to reduce I&I, collection system expansion to serve Lehigh Oaks and Woodridge Phase 2A developments.	
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: 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 #	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	3,360	1	3,358	3,433
February	0	3,227	1	3,226	3,109
March	0	3,512	1	3,510	3,123
April	0	3,710	2	3,707	3,592
May	0	3,580	1	3,579	3,548
June	0	3,299	1	3,298	3,660
July	0	3,166	1	3,165	3,585
August	0	3,625	1	3,624	4,138
September	0	3,046	1	3,045	2,064
October	0	2,908	1	2,907	3,411
November	0	2,597	1	2,595	2,842
December	0	3,032	1	3,031	2,825
Total for year	0	39,061	14	39,047	39,330

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 EQUIVALENT RESIDENTIAL UNITS

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	395	395
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			395	395

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
39,330,114	396	365	272

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	396
2. Maximum number of ERCs * which can be served **	132
3. Present system connection capacity (in ERCs *) using existing lines.	406
4. Future connection capacity (in ERCs *) upon service area buildout.	410
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 completed 2002: Increase hydrotank size to meet new disinfection requirements.	
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	393	393
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				393

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
	22,444,910	393	365	156

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
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)	0.144	(Average of Max Month)	
Effluent Disposal (gpd)	150,000		
Total Gallons of WW Treated (mg)	34.871		
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.	393	
2. Maximum number of ERC's * which can be served.	962	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	396	
4. Future connection capacity (in ERCs*) upon service area buildout.**	409	
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



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	786	19	768	254
February	0	650	46	604	733
March	0	680	24	657	619
April	0	568	1	567	581
May	0	655	153	501	474
June	0	350	47	303	321
July	0	479	49	430	326
August	0	632	1	632	315
September	0	379	1	378	320
October	0	454	1	453	315
November	0	566	1	566	551
December	0	646	473	173	568
Total for year	0	6,845	814	6,031	5,376

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	50	72,000	Deep Well

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 EQUIVALENT RESIDENTIAL UNITS

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	271	271
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			272	273

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	Days	ERC
SFR Gallons Sold	Average Customers	Days	ERC	
5,291,434	259	365	56	

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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.	259
2. Maximum number of ERCs * which can be served **	643
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? 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 #.	6280064
12. Water Management District Consumptive Use Permit #	MOD/206456.02
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	260	260
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				260

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
	5,355,704	249	365	59

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

YEAR OF REPORT
 December 31, 2001

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, 2001

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)	0.030	(Average of Max Month)	
Effluent Disposal (gpd)	50,000		
Total Gallons of WW Treated (mg)	6.859		
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. 249
2. Maximum number of ERC's * which can be served. 847 **
** 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

FLORIDA WATER SERVICE CORPORATION

FOOTNOTES TO THE 2001 ANNUAL REPORT

- 1) In 2001, total company General Plant Assets are pooled at the corporate level and allocated to each system based on number of customers. Reversal of previous year general plant assets is reflected in the Retirement/Transfer column and the new allocated amounts are reflected as additions.
- 2) In 2001, Florida Water Services continued implementation of a detailed Fixed Asset System of accounting for all company owned assets. An integral part of this process is to reconcile all physically identified assets to the balance per books. This entry is a result of booking the physical inventory.
- 3) Total Company general plant accumulated depreciation is pooled at the corporate level and allocated to each plant based on number of customers. Due to the treatment of the general plant assets and the associated accumulated depreciation, the reversal of the 2000 Annual Report ending balance for accumulated depreciation is shown in the "Other Charges" column as well as any debit adjustments to the General Plant Accumulated Depreciation as reflected on the Company's 10K schedule. The re-allocation of the 2000 ending balance for General Plant Accumulated Depreciation as well as any credits to the General Plant Accumulated Depreciation as reflected on the Company's 10K schedule is shown in the "Other Credits" column. This treatment will ensure that the accruals are reflected correctly.
- 4) Total company general plant retirements and their associated salvage proceeds and cost of removal are allocated to each plant based on number of customers.
- 5) Employee Pensions and Benefits and Workman's Compensation Insurance are allocated from the corporate level to the plant based on labor charges.
- 6) Customer numbers are derived by taking the twelve month average of the total number of bills in 2001.
- 7) Retirement of the plant's assets resulting from the condemnation of Sugar Mill Country Club facility by the City of New Smyrna Beach in 2001.
- 8) Reclassified to proper plant. These amounts may not be the total of activity during the year as normal additions may have also occurred in these accounts.