

REUSE END USERS

List for each source for reuse:

System Name	System Number	Reuse End User	Gallons Used
Amelia Island	1518	Amelia Links, Long Pointe & Summer Beach Golf Courses	229,551,000
Buenaventura Lakes	785	Buenaventura Lakes Golf Course	50,522,900
Deltona Lakes	1806	Deltona Hills Golf Course	152,686,000
		Residential Reuse	6,203,190
Florida Central Commerce Pa	340	Green space irrigation system	14,944,000
Lehigh	2901	Lehigh Arces North Golf Course	94,045,000
Marco Island	2601	Marco Island Golf Course	133,513,600
		Marco Shores Golf Course	119,083,100
		Hideaway Beach Golf Course	62,514,500
		Condo Associations & Residential use	60,969,300
		City of Marco - Medians	949,500
Palm Coast	3001	GrandHaven Golf Course & Residential common areas.	171,526,000
		Hammock Dunes Golf Course & Residential common areas.	488,260,900
Point O Woods	987	Point O' Woods County Club Golf Course	7,699,000
Spring Hill	2701	Timber Pines Golf Course	524,276,000
Spruce Creek CC	1120	Spruce Creek County Club Golf Course	1,241,600

PUMPING AND PURCHASED WATER STATISTICS

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) (b) + (c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	37,903,000	18,890	37,884,110	36,206,085
February	0	37,078,000	200,210	36,877,790	34,725,992
March	0	46,265,000	12,940	46,252,060	41,282,803
April	0	45,955,000	13,780	45,941,220	44,967,538
May	0	56,144,000	17,450	56,126,550	32,615,534
June	0	57,070,000	30,440	57,039,560	57,667,742
July	0	60,949,000	48,930	60,900,070	58,590,384
August	0	55,751,000	758,420	54,992,580	57,252,127
September	0	42,916,000	16,920	42,899,080	51,381,597
October	0	49,266,000	741,860	48,524,140	43,954,209
November	0	45,130,000	12,850	45,117,150	45,103,503
December	0	39,373,000	934,310	38,438,690	44,313,583
Total for year	0	573,800,000	2,807,000	570,993,000	548,061,097

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	2,205	2,205
3/4"	Displacement	1.5	80	120
1"	Displacement	2.5	68	170
1 1/2"	Displacement or Turbine	5.0	24	120
2"	Displacement, Compound or Turbine	8.0	63	504
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	10	300
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 Water System Meter Equivalents			2,489	4,192

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
346,398,102	2,071	366	457

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.	<u>2,071</u>
2. Maximum number of ERCs * which can be served **	<u>2,206</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>2,097</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>2,470</u>
5. Estimated annual increase in ERCs *.	<u>30</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>1000 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>2450022</u>
12. Water Management District Consumptive Use Permit #	<u>2-089-0006NM2R2</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	1,979	1,979
3/4"	Displacement	1.5	74	111
1"	Displacement	2.5	37	93
1 1/2"	Displacement or Turbine	5.0	21	105
2"	Displacement, Compound or Tur	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	30.0	9	270
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 Wastewater System Meter Equivalents				3,026

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	92,096,061	1,872	366	134

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)	0.765	(Average of Max Month)	
Effluent Disposal (gpd)	1,585,000		
Total Gallons of WW Treated (mg)	229.551		
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. 1,872

2. Maximum number of ERC's * which can be served. 7,090 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 1,906

4. Future connection capacity (in ERCs*) upon service area buildout.** 2,722

5. Estimated annual increase in ERCs* 172

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. 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 requireme _____

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	14,570,000	114,780	14,455,220	12,568,006
February	0	13,709,100	144,820	13,564,280	12,087,620
March	0	19,562,000	908,960	18,653,040	15,153,910
April	0	17,398,900	196,180	17,202,720	17,597,030
May	0	25,374,100	268,070	25,106,030	17,035,164
June	0	20,282,000	236,530	20,045,470	23,629,510
July	0	15,772,000	183,030	15,588,970	17,329,938
August	27,800	16,310,000	231,050	16,106,750	13,296,800
September	0	13,646,100	303,450	13,342,650	15,319,864
October	0	17,570,900	231,540	17,339,360	12,196,690
November	0	17,814,200	195,420	17,618,780	15,362,140
December	0	14,635,800	272,270	14,363,530	16,697,960
Total for year	27,800	206,645,100	3,286,100	203,386,800	188,274,632

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):	* <u>720,000</u>	(Reliable Max Day Capacity)
Location of measurement (I.e. WellHead, Storage Tank):	<u>WellHead and/or Distribution</u>	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	<u>Chlorination and Aeration</u>	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer: _____
FILTRATION		
Type and size of area:		
Pressure (in square feet):	<u>N/A</u>	Manufacturer: _____
Gravity (in GPM/square feet):	<u>N/A</u>	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	1,069	1,069
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	13	33
1 1/2"	Displacement or Turbine	5.0	2	10
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	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			1,099	1,219

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
178,896,302	1,022	366	478

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.	1,022
2. Maximum number of ERCs * which can be served **	753
3. Present system connection capacity (in ERCs *) using existing lines.	1,142
4. Future connection capacity (in ERCs *) upon service area buildout.	1,402
5. Estimated annual increase in ERCs *.	21
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. Install second ground storage tank (130,000 gal.), replace 350gpm high service pump with new 500gpm pump, install three (3) VFDs, install plant finished water meter assembly and convert gas chlorine system to liquid (sodium hypochlorite) system. All improvements to be completed by end of Dec. 2001.	
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 #	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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	182	182
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Tur	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 Wastewater System Meter Equivalents				213

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
10,339,270	159	366	178

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. 159 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. 159

4. Future connection capacity (in ERCs*) upon service area buildout.** 159

5. Estimated annual increase in ERCs* 2

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

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

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

If so, when? _____

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

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

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	549,000	0	549,000	417,410
February	0	507,000	11,000	496,000	491,267
March	0	598,000	15,000	583,000	478,300
April	0	617,000	1,000	616,000	572,640
May	0	1,004,000	2,000	1,002,000	642,320
June	0	612,000	3,000	609,000	876,710
July	0	651,000	20,000	631,000	501,760
August	0	524,000	0	524,000	507,060
September	0	510,000	3,000	507,000	435,590
October	0	688,000	146,000	542,000	439,500
November	0	599,000	4,000	595,000	535,360
December	0	550,000	0	550,000	522,170
Total for year	0	7,409,000	205,000	7,204,000	6,420,087

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:

* 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	79	79
3/4"	Displacement	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 Water System Meter Equivalents			79	79

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
6,367,947	75	366	232

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.	75
2. Maximum number of ERCs * which can be served **	427
3. Present system connection capacity (in ERCs *) using existing lines.	72
4. Future connection capacity (in ERCs *) upon service area buildout.	95
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.	
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 plan 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	42,005,300	393,440	41,611,860	43,212,811
February	0	44,371,600	228,370	44,143,230	41,332,868
March	0	54,287,900	71,530	54,216,370	55,195,187
April	0	54,761,400	76,650	54,684,750	51,725,190
May	0	76,097,300	67,130	76,030,170	63,079,578
June	0	57,623,300	347,540	57,275,760	80,491,967
July	0	63,652,000	429,630	63,222,370	64,437,112
August	0	62,785,600	541,750	62,243,850	62,747,628
September	0	41,256,900	69,410	41,187,490	49,515,792
October	0	52,421,600	116,340	52,305,260	46,045,260
November	0	51,335,200	151,630	51,183,570	55,524,847
December	0	44,383,600	93,240	44,290,360	47,245,816
Total for year	0	644,981,700	2,586,660	642,395,040	660,554,056

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	3,223	3,223
3/4"	Displacement	1.5	481	722
1"	Displacement	2.5	54	135
1 1/2"	Displacement or Turbine	5.0	38	190
2"	Displacement, Compound or Turbine	8.0	17	136
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			3,813	4,406

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
621,015,783	3,576	366	474

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.	<u>3,576</u>
2. Maximum number of ERCs * which can be served **	<u>4,097</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>4,006</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>4,140</u>
5. Estimated annual increase in ERCs *.	<u>201</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>1500 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>2160064</u>
12. Water Management District Consumptive Use Permit #	<u>TEMP/20310027N</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	3,140	3,140
3/4"	Displacement	1.5	471	707
1"	Displacement	2.5	41	103
1 1/2"	Displacement or Turbine	5.0	33	165
2"	Displacement, Compound or Tur	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 Wastewater System Meter Equivalents				4,186

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
216,186,800	3,494	366	169

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)	0.660	(Average of Max Month)	
Effluent Disposal (gpd)	1,300,000		
Total Gallons of WW Treated (mg)	227.318		
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. 3,494

2. Maximum number of ERC's * which can be served. 4,947 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 3,970

4. Future connection capacity (in ERCs*) upon service area buildout.** 4,090

5. Estimated annual increase in ERCs* 219

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? 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 requireme

10. When did the company last file a capacity analysis report with the DEP? August-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 # 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	534,000	0	4,000	530,000	493,670
February	586,000	0	4,000	582,000	537,090
March	685,000	0	0	685,000	568,040
April	577,000	0	4,000	573,000	606,638
May	745,000	0	4,000	741,000	642,932
June	594,000	0	4,000	590,000	556,620
July	565,000	0	0	565,000	602,600
August	475,000	0	4,000	471,000	423,300
September	389,000	0	4,000	385,000	436,220
October	487,000	0	0	487,000	341,170
November	458,000	0	4,000	454,000	445,590
December	405,000	0	3,500	401,500	386,470
Total for year	6,500,000	0	35,500	6,464,500	6,040,340

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	48	48
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	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	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 Water System Meter Equivalents			53	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)	SFR Gallons Sold	Average Customers	Days	ERC
	2,107,580	47	366	123

OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve.	47
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	93
4. Future connection capacity (in ERCs *) upon service area buildout.	96
5. Estimated annual increase in ERCs *.	8
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.	
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 plan 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 Tur	8.0	0	0
3"	Displacement	15.0	0	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 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
	565,150	16	366	97

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)	0.012	(Average of Max Month)	
Effluent Disposal (gpd)	15,000		
Total Gallons of WW Treated (mg)	2.967		
Method of Effluent Disposal	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. 16

2. Maximum number of ERC's * which can be served. 155 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 20

4. Future connection capacity (in ERCs*) upon service area buildout.** 20

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Interconnection planned with Town of Welaka. Estimated completion date Dec 2001.

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 requireme _____

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	50,622,900	1,586,350	49,036,550	54,932,261
February	0	53,972,600	1,531,050	52,441,550	49,348,900
March	0	66,148,400	760,052	65,388,348	61,853,783
April	0	70,690,500	1,760,930	68,929,570	66,662,187
May	0	84,896,200	1,322,290	83,573,910	74,864,045
June	0	72,763,900	2,995,510	69,768,390	82,858,264
July	0	61,359,300	1,130,960	60,228,340	65,380,758
August	0	60,327,200	909,760	59,417,440	56,995,164
September	0	56,206,200	634,140	55,572,060	57,475,308
October	0	64,544,700	466,510	64,078,190	56,303,475
November	0	62,630,500	421,570	62,208,930	65,092,570
December	0	59,096,600	394,040	58,702,560	62,836,612
Total for year	0	763,259,000	13,913,162	749,345,838	754,603,327

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	10,091	10,091
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	30	75
1 1/2"	Displacement or Turbine	5.0	15	75
2"	Displacement, Compound or Turbine	8.0	57	456
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	5	150
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 Water System Meter Equivalents			10,209	10,989

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
579,327,435	7,735	366	205

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.	<u>7,735</u>
2. Maximum number of ERCs * which can be served **	<u>7,037</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>8,195</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>8,517</u>
5. Estimated annual increase in ERCs *.	<u>58</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>2500 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3490184</u>
12. Water Management District Consumptive Use Permit #	<u>49-00002-W</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	7,889	7,889
3/4"	Displacement	1.5	4	6
1"	Displacement	2.5	11	28
1 1/2"	Displacement or Turbine	5.0	8	40
2"	Displacement, Compound or Tur	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 Wastewater System Meter Equivalents				8,257

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	395,252,088	7,684	366	141

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)	1.814	(Average of Max Month)	
Effluent Disposal (gpd)	1,930,000		
Total Gallons of WW Treated (mg)	599.373		
Method of Effluent Disposal	Wetlands, Golf Course irrigation & ground		

- (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. 7,684
2. Maximum number of ERC's * which can be served. 12,766 **
** Note: SFR gallons sold is not representative of total ww flow at plant.
3. Present system connection capacity (in ERCs*) using existing lines. 7,910
4. Future connection capacity (in ERCs*) upon service area buildout.** 9,306
5. Estimated annual increase in ERCs* 48
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Modifications to headworks, activate Clarifier No. 5 and install new 4-inch suction header to be c
March 2002.
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. See Exhibit Q-7
8. If the utility does not engage in reuse, has a reuse feasibility study been completed? _____
If so, when? _____
9. Has the utility been required by DEP or water management district to implement reuse? No
If so, what are the utility's plans to comply with this requireme _____
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 # FL0039446-001

* 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	10,364,733			
February	0	11,213,913	819,060	9,545,673	8,235,298
March	0	14,115,414	725,570	10,488,343	9,273,541
April	0	11,065,086	694,340	13,421,074	9,858,220
May	0	10,623,192	594,970	10,470,116	12,722,554
June	0	7,540,599	2,124,240	8,498,952	9,705,660
July	0	8,380,323	1,044,120	6,496,479	8,027,146
August	0	7,295,040	1,279,990	7,100,333	6,480,736
September	0	7,296,072	1,124,426	6,170,614	6,588,755
October	0	8,774,817	1,006,540	6,289,532	5,992,371
November	0	10,154,910	1,227,750	7,547,067	5,993,333
December	0	9,953,490	561,340	9,593,570	6,771,040
			357,820	9,595,670	8,619,868
Total for year	0	116,777,589	11,560,166	105,217,423	98,268,522

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			
Well #2	250	360,000	Deep Well
Well #3	250	360,000	Deep Well
	250	360,000	Deep Well

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 567,000	(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:

* Treatment /or 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	1,336	1,336
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	62	155
1 1/2"	Displacement or Turbine	5.0	27	135
2"	Displacement, Compound or Turbine	8.0	23	184
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	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 Water System Meter Equivalents			1,455	1,958

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
58,971,076	1,250	366	129

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.	1,250
2. Maximum number of ERCs * which can be served **	2,199
3. Present system connection capacity (in ERCs *) using existing lines.	1,346
4. Future connection capacity (in ERCs *) upon service area buildout.	4,724
5. Estimated annual increase in ERCs *.	280
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.	Phase 1 Expansion of RO Water Treatment Plant is 0.5 MGD addition started in January 2001 with completion scheduled for June 2001. This expansion will increase plant capacity to 1.0 MGD.
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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	1,116	1,116
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	52	130
1 1/2"	Displacement or Turbine	5.0	19	95
2"	Displacement, Compound or Tur	8.0	13	104
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	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 Wastewater System Meter Equivalents				1,512

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	37,277,588	1,011	366	101

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)	0.261	(Average of Max Month)	
Effluent Disposal (gpd)	250,000		
Total Gallons of WW Treated (mg)	66.961		
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. 1,011

2. Maximum number of ERC's * which can be served. 2,098 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 1,193

4. Future connection capacity (in ERCs*) upon service area buildout.** 4,883

5. Estimated annual increase in ERCs* 168

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
The WWTP is being upgraded and rerated to treat 0.5 MGD for reuse.

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? Pending

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 requireme

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? _____

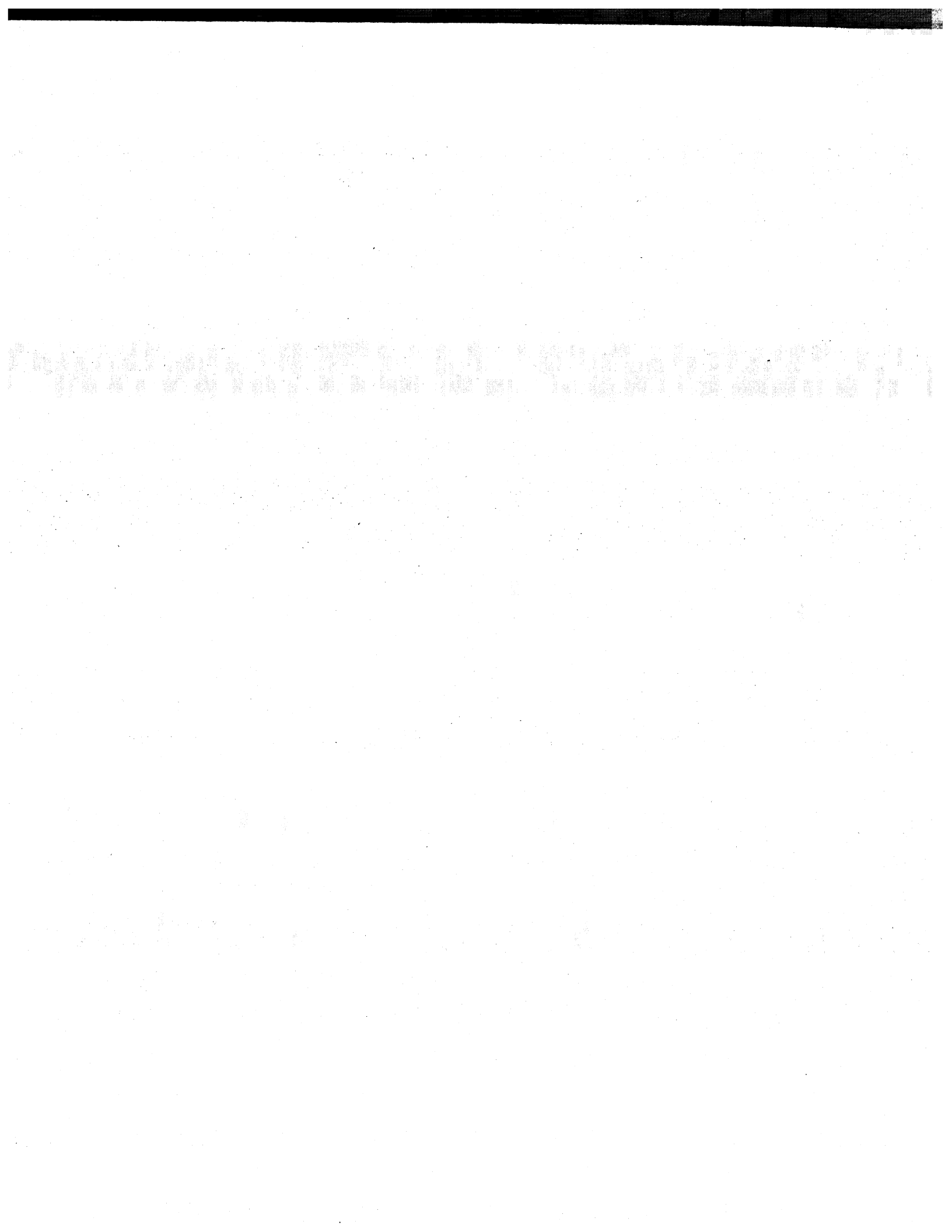
d. Attach plans for funding the required upgrading.

e. Is this system under any Consent Order with DEP _____

12. Department of Environmental Protection ID # FLA014083-267014

* 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	1,438,200	4,000	1,434,200	1,080,820
February	0	1,577,200	0	1,577,200	1,244,450
March	0	1,978,700	90,000	1,888,700	1,394,540
April	0	1,755,800	371,000	1,384,800	1,467,080
May	0	2,533,300	0	2,533,300	1,756,050
June	0	1,786,900	0	1,786,900	2,038,020
July	0	1,416,200	0	1,416,200	1,630,010
August	0	1,423,900	164,000	1,259,900	1,162,330
September	0	1,270,500	80,000	1,190,500	1,341,027
October	0	1,589,100	477,000	1,112,100	1,203,930
November	0	1,520,700	12,000	1,508,700	1,467,920
December	0	1,302,600	24,000	1,278,600	1,302,670
Total for year	0	19,593,100	1,222,000	18,371,100	17,088,847

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	194	194
3/4"	Displacement	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 Water System Meter Equivalents			195	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)	SFR Gallons Sold	Average Customers	Days	ERC
	17,061,867	183	366	255

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.	<u>183</u>
2. Maximum number of ERCs * which can be served **	<u>283</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>344</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>611</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>None</u> _____ _____	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3350152</u>
12. Water Management District Consumptive Use Permit #	<u>APPL/20690454</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance? <u>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.</u>	

* 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	4,421,200	6,880	4,414,320	4,605,557
February	0	5,056,300	5,910	5,050,390	4,268,820
March	0	6,432,600	4,570	6,428,030	5,361,458
April	0	6,057,900	7,100	6,050,800	5,815,850
May	0	9,068,600	911,520	8,157,080	6,493,671
June	0	7,239,400	667,400	6,572,000	7,559,979
July	0	5,706,500	577,560	5,128,940	5,117,087
August	0	6,422,600	558,900	5,863,700	4,767,160
September	0	7,200,800	530,800	6,670,000	5,504,688
October	0	6,012,100	510,150	5,501,950	4,385,520
November	0	6,044,500	2,150	6,042,350	4,903,741
December	0	4,982,600	2,720	4,979,880	4,931,360
Total for year	0	74,645,100	3,785,660	70,859,440	63,714,891

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	770	770
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	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			785	867

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
61,258,171	741	366	226

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.	741
2. Maximum number of ERCs * which can be served **	2,311
3. Present system connection capacity (in ERCs *) using existing lines.	1,474
4. Future connection capacity (in ERCs *) upon service area buildout.	2,010
5. Estimated annual increase in ERCs *.	8
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. Construct new (second) 100,000 gal. ground storage tank, install new (third) 1,000 gpm high service pump, install new plant finished water meter assembly and convert existing gas chlorine system to liquid. All improvements to be completed by end of 2001.	
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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	166	166
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				166

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	7,664,962	156	366	134

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)	0.038	(Average of Max Month)	
Effluent Disposal (gpd)	100,000		
Total Gallons of WW Treated (mg)	8.171		
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. 156

2. Maximum number of ERC's * which can be served. 746 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 192

4. Future connection capacity (in ERCs*) upon service area buildout.** 799

5. Estimated annual increase in ERCs* 5

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 requireme _____

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 # 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	2,598,000	405,290	2,192,710	1,905,710
February	0	2,657,700	266,780	2,390,920	1,954,270
March	0	3,050,700	183,838	2,866,862	2,339,280
April	0	2,550,500	727,060	1,823,440	2,406,001
May	0	4,024,000	880,930	3,143,070	2,445,690
June	0	3,063,900	859,650	2,204,250	3,706,620
July	0	2,450,700	95,490	2,355,210	2,441,400
August	0	2,421,400	62,100	2,359,300	1,850,990
September	0	2,106,200	70,720	2,035,480	2,260,068
October	0	2,544,700	59,890	2,484,810	1,843,830
November	0	2,572,800	175,080	2,397,720	2,189,579
December	0	2,452,400	271,780	2,180,620	2,260,711
Total for year	0	32,493,000	4,058,608	28,434,392	27,604,149

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	372	372
3/4"	Displacement	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 Water System Meter Equivalents			372	372

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
25,242,807	343	366	201

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.	<u>343</u>
2. Maximum number of ERCs * which can be served **	<u>245</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>349</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>349</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	<u>None</u>
7. Attach a description of the fire fighting facilities.	<u></u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	<u></u>
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	<u></u>
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>3420119</u>
12. Water Management District Consumptive Use Permit #	<u>2-083-0302AUV</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	273	273
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				273

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
11,780,603	266	366	121

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)	0.055	(Average of Max Month)	
Effluent Disposal (gpd)	64,000		
Total Gallons of WW Treated (mg)	15.046		
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. 266

2. Maximum number of ERC's * which can be served. 441 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 275

4. Future connection capacity (in ERCs*) upon service area buildout. ** 275

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Excess tankage from WWTP is being demolished. Estimated completion 6/01.

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 requireme _____

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	0	805,800	555,620	250,180	276,435
February	0	903,700	34,010	869,690	604,381
March	0	1,007,400	570,300	437,100	639,494
April	0	594,500	14,010	580,490	733,404
May	0	416,500	13,500	403,000	450,716
June	0	331,100	13,740	317,360	391,644
July	0	366,100	14,380	351,720	303,553
August	0	436,100	83,460	352,640	342,402
September	0	370,700	40,940	329,760	383,278
October	0	567,300	348,640	218,660	356,183
November	0	639,900	252,800	387,100	427,133
December	0	643,200	820	642,380	888,552
Total for year	0	7,082,300	1,942,220	5,140,080	5,797,175

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	270	270
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 Water System Meter Equivalents			271	272

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
5,826,294	256	366	62

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.	<u>256</u>
2. Maximum number of ERCs * which can be served **	<u>579</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>370</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>370</u>
5. Estimated annual increase in ERCs *.	<u>3</u>
6. Is the utility required to have fire flow capacity? <u>Yes</u> If so, how much capacity is required? <u>500 gpm</u>	
7. Attach a description of the fire fighting facilities. <u>See W-14 Exhibit Q-7</u>	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <u>None</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>6280064</u>
12. Water Management District Consumptive Use Permit #	<u>MOD/206456.02</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	256	256
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				256

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa period and divide the results by 365 days.
- (b) If no historical flow data are available, use:

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

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
5,405,024	243	366	61

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

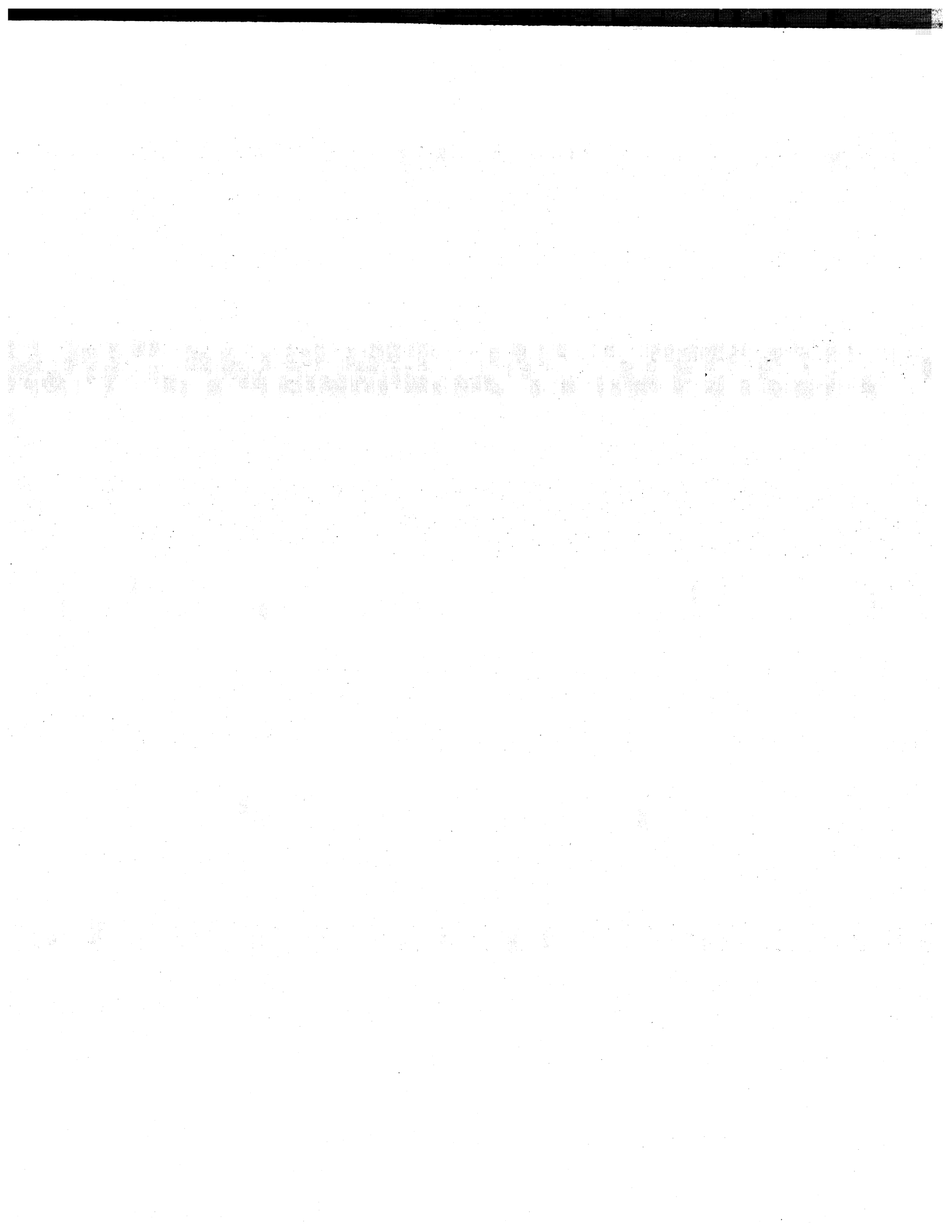
YEAR OF REPORT
December 31, 2000

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)	0.020	(Average of Max Month)	
Effluent Disposal (gpd)	50,000		
Total Gallons of WW Treated (mg)	6.079		
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. 243

2. Maximum number of ERC's * which can be served. 820 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 372

4. Future connection capacity (in ERCs*) upon service area buildout.** 372

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 requireme _____

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

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	23,292,000	0	150,230	23,141,770	20,395,109
February	23,229,000	0	199,520	23,029,480	21,352,173
March	26,529,000	0	947,790	25,581,210	21,995,287
April	24,888,000	0	707,170	24,180,830	24,168,713
May	26,303,000	0	686,190	25,616,810	24,054,967
June	21,000,000	0	2,198,190	18,801,810	24,090,991
July	19,783,000	0	1,017,680	18,765,320	19,153,528
August	20,833,000	0	673,380	20,159,620	17,920,912
September	20,188,000	0	1,208,215	18,979,785	20,338,466
October	22,598,000	0	2,195,488	20,402,512	16,916,316
November	22,958,000	0	349,215	22,608,785	19,162,034
December	23,184,000	0	484,941	22,699,059	21,500,561
Total for year	274,785,000	0	10,818,009	263,966,991	251,049,057

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	3,292	3,292
3/4"	Displacement	1.5	12	18
1"	Displacement	2.5	64	160
1 1/2"	Displacement or Turbine	5.0	31	155
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	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 Water System Meter Equivalents			3,421	3,992

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
204,054,877	3,251	366	171

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.	3,251
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	3,783
4. Future connection capacity (in ERCs *) upon service area buildout.	8,144
5. Estimated annual increase in ERCs *.	56
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.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. An investigation is being made this year to establish the best means of improving reported low pressures in the distribution system. Potential solutions include a second interconnect to the Charlotte County water distribution system or the elimination of the pressure drop caused by backflow prevention at the	
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 plan 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 #.	N/A
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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	3,360	3,360
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	63	158
1 1/2"	Displacement or Turbine	5.0	31	155
2"	Displacement, Compound or Tur	8.0	15	120
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	3	188
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 Wastewater System Meter Equivalents				4,091

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	158,923,493	3,224	366	135

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. 3,224 Interconnected

2. Maximum number of ERC's * which can be served. N/A **

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

3. Present system connection capacity (in ERCs*) using existing lines. 3,724

4. Future connection capacity (in ERCs*) upon service area buildout.** 7,882

5. Estimated annual increase in ERCs* 68

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
The first 3100 ft of the existing 8" dia. wastewater force main which connects our Lift Station 6 the Charlotte County WWTP will be upgraded to 16" dia. this year. This lift station handles all our water flow generated in our Deep Creek service area.

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 requireme _____

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

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	295,225,000	13,729,940	281,495,060	253,348,126
February	0	295,652,000	23,619,010	272,032,990	267,755,377
March	0	362,673,000	4,588,730	358,084,270	297,436,875
April	0	375,475,000	528,420	374,946,580	336,145,542
May	0	550,861,000	14,761,570	536,099,430	381,662,897
June	0	422,927,000	60,360	422,866,640	509,211,633
July	0	352,000,000	44,700	351,955,300	386,865,078
August	0	385,862,000	3,384,570	382,477,430	304,722,757
September	0	296,753,000	13,039,810	283,713,190	336,074,874
October	0	364,196,000	3,916,740	360,279,260	271,270,449
November	0	372,734,000	20,786,800	351,947,200	324,392,351
December	0	332,839,000	11,715,022	321,123,978	337,915,102
Total for year	0	4,407,197,000	110,175,672	4,297,021,328	4,006,801,061

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):	* 31,464,000	(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	26,593	26,593
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	880	2,200
1 1/2"	Displacement or Turbine	5.0	33	165
2"	Displacement, Compound or Turbine	8.0	102	816
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	38	665
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 Water System Meter Equivalents			27,657	30,684

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
3,770,436,808	25,895	366	398

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.	<u>25,895</u>
2. Maximum number of ERCs * which can be served **	<u>26,363</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>46,954</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>61,439</u>
5. Estimated annual increase in ERCs *.	<u>387</u>
6. Is the utility required to have fire flow capacity? <u>Yes</u> If so, how much capacity is required? <u>1500 gpm</u>	
7. Attach a description of the fire fighting facilities.	<u></u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <u>Install new 600 gpm well (Well 37) at Well 21 site and install filtration system at Courtland WTP.</u> <u>All improvements to be completed by June 2001.</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>3640287</u>
12. Water Management District Consumptive Use Permit #	<u>APPL/21270093UNM</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>It should be noted that</u> <u>withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of</u> <u>the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the</u> <u>water management district.</u>

* 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.

SOURCE OF SUPPLY FACILITIES

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
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	750	1,080,000	DEEP WELL

RESERVIORS

DELTONA
2000
PAGE W-14 EXHIBIT # 2
PAGE # 1 of 1

General Location	Description (steel, concrete, pneumatic)	Capacity of Tank	Ground or Elevated	Unit #
Wellington	Storage - Concrete	2,000,000	Ground	3
Sagamore	Storage - Concrete	2,000,000	Ground	21
Lombardy	Storage - Concrete	500,000	Ground	30
Courtland	Storage - Concrete	1,000,000	Ground	32
Agatha/Saxon	Storage - Concrete	500,000	Ground	11/55
Agatha/Saxon	Storage - Concrete	1,000,000	Ground	11/55
South Courtland	Storage - Concrete	150,000	Ground	17

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	5,047	5,047
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	57	143
1 1/2"	Displacement or Turbine	5.0	12	60
2"	Displacement, Compound or Tur	8.0	22	176
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	6	180
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	1	145
12"	Turbine	215.0	0	0
Total Wastewater System Meter Equivalents				5,856

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	209,852,608	4,701	366	122

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)	1.039	(Average of Max Month)	
Effluent Disposal (gpd)	1,250,000		
Total Gallons of WW Treated (mg)	351.372		
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. 4,701

2. Maximum number of ERC's * which can be served. 10,246 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 4,737

4. Future connection capacity (in ERCs*) upon service area buildout.** 8,028

5. Estimated annual increase in ERCs* 56

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. 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 requireme _____

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	879,700	531,000	15,000	1,395,700	697,936
February	0	536,000	38,000	498,000	489,260
March	0	732,900	0	732,900	689,770
April	0	757,900	38,000	719,900	815,590
May	0	1,058,100	38,000	1,020,100	904,040
June	0	783,100	31,000	752,100	1,030,870
July	0	703,000	24,000	679,000	808,250
August	0	607,300	39,000	568,300	575,910
September	0	529,700	31,000	498,700	574,030
October	0	779,000	27,000	752,000	612,930
November	0	842,300	39,000	803,300	806,780
December	0	771,600	24,000	747,600	631,750
Total for year	879,700	8,631,900	344,000	9,167,600	8,637,116

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 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
8,488,586	59	366	393

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 **	229
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.	
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 plan 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? 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.

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	3,356,000	67,880	3,288,120	2,819,760
February	0	3,330,000	257,170	3,072,830	2,631,610
March	0	4,242,000	34,390	4,207,610	3,476,100
April	0	4,127,100	262,110	3,864,990	3,694,540
May	0	5,583,000	110,890	5,472,110	4,069,600
June	0	4,200,000	127,980	4,072,020	4,872,895
July	0	3,113,000	30,240	3,082,760	3,031,750
August	0	3,457,900	105,220	3,352,680	2,483,360
September	0	2,652,000	89,050	2,562,950	2,887,750
October	0	3,779,100	89,910	3,689,190	2,730,800
November	0	3,617,100	86,050	3,531,050	3,655,650
December	0	3,425,800	71,050	3,354,750	3,030,860
Total for year	0	44,883,000	1,331,940	43,551,060	39,384,675

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	217	217
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	28	70
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 Water System Meter Equivalents			253	323

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
39,355,445	249	366	432

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.	<u>249</u>
2. Maximum number of ERCs * which can be served **	<u>208</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>257</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>257</u>
5. Estimated annual increase in ERCs *.	<u>2</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>600 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3590111</u>
12. Water Management District Consumptive Use Permit #	<u>N/A</u>
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.

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	607,900	4,000	603,900	382,080
February	0	532,100	6,000	526,100	440,895
March	0	739,600	8,000	731,600	550,270
April	0	425,900	0	425,900	476,431
May	0	448,100	10,000	438,100	449,510
June	0	565,000	10,000	555,000	387,990
July	0	487,300	4,000	483,300	419,230
August	0	198,700	102,000	96,700	342,920
September	0	174,000	18,000	156,000	232,260
October	0	622,400	320,000	302,400	232,920
November	0	583,900	8,000	575,900	511,580
December	0	541,700	0	541,700	460,710
Total for year	0	5,926,600	490,000	5,436,600	4,886,796

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 Wells.

* 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	177	177
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 Water System Meter Equivalents			178	180

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
4,876,286	173	366	77

OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve.	173
2. Maximum number of ERCs * which can be served **	935
3. Present system connection capacity (in ERCs *) using existing lines.	206
4. Future connection capacity (in ERCs *) upon service area buildout.	206
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.	
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	1,252,100	0	24,000	1,228,100	1,065,640
February	1,251,900	0	36,000	1,215,900	1,109,630
March	1,681,100	0	0	1,681,100	1,430,080
April	1,513,000	0	36,000	1,477,000	1,487,110
May	1,953,000	0	32,000	1,921,000	1,623,890
June	1,760,900	0	20,000	1,740,900	1,878,650
July	1,431,100	0	9,000	1,422,100	1,513,360
August	1,367,900	0	24,000	1,343,900	1,289,440
September	1,273,400	0	36,000	1,237,400	1,215,100
October	1,627,600	0	34,000	1,593,600	1,134,820
November	1,746,000	0	28,000	1,718,000	1,684,190
December	1,398,300	0	22,000	1,376,300	1,406,800
Total for year	18,256,300	0	301,000	17,955,300	16,838,710

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
Well #1	260	374,400	Deep Well

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):	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: _____

* 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	179	179
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 Water System Meter Equivalents			182	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)	Average		
SFR Gallons Sold	Customers	Days	ERC
13,798,320	163	366	231

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.	<u>163</u>
2. Maximum number of ERCs * which can be served **	<u>N/A</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>183</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>183</u>
5. Estimated annual increase in ERCs *.	<u>2</u>
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	<u>None</u>
7. Attach a description of the fire fighting facilities.	<u></u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	<u></u>
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	<u></u>
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>3590368</u>
12. Water Management District Consumptive Use Permit #	<u>INACTIVE/21170130N</u>
a. Is the system in compliance with the requirements of the CUP?	<u></u>
b. If not, what are the utility's plans to gain compliance?	<u></u>

* 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	987,410	0	987,410	790,970
February	0	1,010,330	0	1,010,330	806,840
March	0	1,369,680	0	1,369,680	924,780
April	0	1,329,940	12,000	1,317,940	1,075,230
May	0	2,021,900	0	2,021,900	1,244,910
June	0	1,636,760	2,000	1,634,760	1,498,780
July	0	1,125,580	0	1,125,580	1,286,030
August	0	1,211,600	149,000	1,062,600	867,690
September	0	1,161,530	560,000	601,530	872,560
October	0	1,414,160	719,000	695,160	904,330
November	0	1,150,020	111,000	1,039,020	1,145,540
December	0	1,061,430	36,000	1,025,430	850,390
Total for year	0	15,480,340	1,589,000	13,891,340	12,268,050

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	126	126
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 Water System Meter Equivalents			127	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
12,249,870	125	366	268

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.	<u>125</u>
2. Maximum number of ERCs * which can be served **	<u>242</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>132</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>132</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	<u>None</u>
7. Attach a description of the fire fighting facilities.	<u></u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	<u></u>
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	<u></u>
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>3350370</u>
12. Water Management District Consumptive Use Permit #	<u>APPL/20690461N</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	647,100	47,430	599,670	593,130
February	0	572,400	23,200	549,200	631,410
March	0	661,000	16,780	644,220	589,924
April	0	595,500	21,020	574,480	613,925
May	0	650,800	22,610	628,190	590,041
June	0	665,000	22,590	642,410	619,380
July	0	574,600	20,180	554,420	595,150
August	0	624,600	21,670	602,930	567,510
September	0	681,000	17,970	663,030	726,581
October	0	628,700	17,610	611,090	562,990
November	0	660,700	19,460	641,240	577,040
December	0	722,200	14,910	707,290	528,630
Total for year	0	7,683,600	265,430	7,418,170	7,195,711

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	144	144
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			144	144

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
	7,132,601	140	366	139

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. 140
2. Maximum number of ERCs * which can be served ** 259
3. Present system connection capacity (in ERCs *) using existing lines. 140
4. Future connection capacity (in ERCs *) upon service area buildout. 140
5. Estimated annual increase in ERCs *. 1
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. _____
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.
Conversion from gaseous to a liquid chlorination system is under consideration this year. This conversion would probably necessitate an increase in hydropneumatic tank capacity in order to meet disinfection detention time 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 #. 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	146	146
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				146

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

(a) If actual flow data are available from the preceding 12 months, divide the total annual single family residence (SFR) gallons sold by the average number of single family residence customers for the same period and divide the results by 365 days.

(b) If no historical flow data are available, use:

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

For wastewater only utilities:

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

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

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

Calculations:	Average		
SFR Gallons Sold	Customers	Days	ERC
5,527,294	138	366	109

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)	0.017	(Average of Max Month)	
Effluent Disposal (gpd)	25,000		
Total Gallons of WW Treated (mg)	5.141		
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. 138

2. Maximum number of ERC's * which can be served. 185 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 142

4. Future connection capacity (in ERCs*) upon service area buildout.** 142

5. Estimated annual increase in ERCs* 2

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

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

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

9. Has the utility been required by DEP or water management district to implement reuse? No
If so, what are the utility's plans to comply with this requireme _____

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

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	24	24
3/4"	Displacement	1.5	13	20
1"	Displacement	2.5	10	25
1 1/2"	Displacement or Turbine	5.0	7	35
2"	Displacement, Compound or Tur	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 Wastewater System Meter Equivalents				190

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
23,085,600	49	366	1,287
* This system only has commercial customers			

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)	0.078	(Average of Max Month)	
Effluent Disposal (gpd)	95,000		
Total Gallons of WW Treated (mg)	14.944		
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. 49

2. Maximum number of ERC's * which can be served. 74 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 49

4. Future connection capacity (in ERCs*) upon service area buildout.** 56

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. 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 requireme _____

10. When did the company last file a capacity analysis report with the DEP? March-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 # 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	860,500	42,000	818,500	734,710
February	0	875,700	31,000	844,700	758,230
March	0	1,106,200	0	1,106,200	894,420
April	0	1,305,000	0	1,305,000	1,026,700
May	0	2,039,300	0	2,039,300	1,551,420
June	0	1,549,200	3,000	1,546,200	1,846,030
July	0	972,800	0	972,800	1,276,200
August	0	920,800	0	920,800	855,590
September	0	882,300	3,000	879,300	846,170
October	0	1,049,900	10,000	1,039,900	826,770
November	0	1,112,000	0	1,112,000	1,072,901
December	0	1,081,100	0	1,081,100	1,036,244
Total for year	0	13,754,800	89,000	13,665,800	12,725,385

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	154	154
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			155	157

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

Calculations: (a)	SFR Gallons Sold	Average Customers	Days	ERC
	12,715,625	147	366	236

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.	<u>147</u>
2. Maximum number of ERCs * which can be served **	<u>244</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>163</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>225</u>
5. Estimated annual increase in ERCs *.	<u>17</u>
6. Is the utility required to have fire flow capacity? <u>Yes</u> If so, how much capacity is required? <u>250 gpm</u>	
7. Attach a description of the fire fighting facilities. <u>See W-14 Exhibit Q-7</u>	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <u>Install 100KW standby (diesel-fueled) generator with automatic transfer switch.</u> <u>Project schedule for completion by May 2001.</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3494328</u>
12. Water Management District Consumptive Use Permit #	<u>49-00977-W</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	850,000	101,410	748,590	671,227
February	0	1,081,000	88,610	992,390	750,233
March	0	829,000	110,400	718,600	721,030
April	0	863,000	86,400	776,600	725,520
May	0	1,154,000	114,800	1,039,200	827,046
June	0	876,000	143,670	732,330	1,013,954
July	0	778,000	110,310	667,690	739,680
August	0	870,000	112,300	757,700	715,053
September	0	799,000	119,060	679,940	711,700
October	0	813,000	98,420	714,580	687,720
November	0	794,000	67,610	726,390	730,912
December	0	717,000	90,120	626,880	651,680
Total for year	0	10,424,000	1,243,110	9,180,890	8,945,755

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	109	109
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 Water System Meter Equivalents			110	112

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
8,937,535	105	366	233

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.	<u>105</u>
2. Maximum number of ERCs * which can be served **	<u>774</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>118</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>118</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>500 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>4431700</u>
12. Water Management District Consumptive Use Permit #	<u>APPL/43-00602-W</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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 Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 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
	5,680,310	105	366	148

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. 105 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. 111

4. Future connection capacity (in ERCs*) upon service area buildout.** 111

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 requireme _____

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	1,630	0	1,630	117,370
February	0	85,750	0	85,750	98,120
March	0	190	0	190	118,180
April	0	159,320	0	159,320	175,352
May	0	227,770	0	227,770	115,663
June	0	710	0	710	186,690
July	0	0	0	0	132,840
August	0	232,150	0	232,150	97,420
September	0	216,110	0	216,110	124,070
October	0	260	0	260	127,670
November	0	82,770	0	82,770	157,530
December	0	5,030	0	5,030	151,200
Total Sold here for Friendly Center only					
Total for year	0	1,011,690	0	1,011,690	1,955

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	29	29
3/4"	Displacement	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 Water System Meter Equivalents			29	29

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
1,586,385	25	366	173

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.	25
2. Maximum number of ERCs * which can be served **	208
3. Present system connection capacity (in ERCs *) using existing lines.	40
4. Future connection capacity (in ERCs *) upon service area buildout.	40
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.	
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 plan 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	1,072,600	14,000	1,058,600	859,840
February	0	1,088,700	15,000	1,073,700	928,670
March	0	1,403,800	0	1,403,800	993,370
April	0	1,240,100	0	1,240,100	1,165,620
May	0	2,275,800	0	2,275,800	1,212,040
June	0	1,677,900	5,000	1,672,900	1,841,180
July	0	1,396,200	0	1,396,200	1,316,290
August	0	1,213,500	0	1,213,500	1,214,590
September	0	1,025,500	3,000	1,022,500	934,100
October	0	1,495,600	0	1,495,600	852,180
November	0	1,368,000	0	1,368,000	1,188,560
December	0	1,160,100	0	1,160,100	1,098,060
Total for year	0	16,417,800	37,000	16,380,800	13,604,500

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	106	106
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	4	32
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			111	143

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
11,172,040	99	366	308

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.	99
2. Maximum number of ERCs * which can be served **	117
3. Present system connection capacity (in ERCs *) using existing lines.	122
4. Future connection capacity (in ERCs *) upon service area buildout.	156
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.	
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 planat 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	1,604,000	104,280	1,499,720	1,412,420
February	0	1,428,000	42,300	1,385,700	1,287,002
March	0	1,929,000	40,330	1,888,670	1,547,708
April	0	2,041,000	35,200	2,005,800	1,843,250
May	0	2,631,000	57,200	2,573,800	2,076,540
June	0	2,110,000	88,230	2,021,770	2,194,220
July	0	1,539,000	38,230	1,500,770	1,385,730
August	0	1,713,000	84,210	1,628,790	1,249,694
September	0	1,697,000	33,020	1,663,980	1,491,300
October	0	1,938,000	33,410	1,904,590	1,407,030
November	0	1,890,000	33,210	1,856,790	1,598,016
December	0	1,515,000	33,270	1,481,730	1,401,335
Total for year	0	22,035,000	622,890	21,412,110	18,894,245

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	173	173
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	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 Water System Meter Equivalents			182	207

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
16,840,905	146	366	315

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.	<u>146</u>
2. Maximum number of ERCs * which can be served **	<u>80</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>187</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>197</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>500 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>Relocated piping along US 98 - Estimated Completion 8/00</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>6530079</u>
12. Water Management District Consumptive Use Permit #	<u>209336.01</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

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

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 864,000	(Peak Hour)(500 gpm fire req)
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	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 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
13,042,591	110	366	324

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.	110
2. Maximum number of ERCs * which can be served **	667
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? 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 plan 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 #	20690193NM2R
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	34,070	464,100	102,000	396,170	381,210
February	108,700	297,000	102,000	303,700	415,870
March	0	460,000	0	460,000	403,320
April	0	434,900	30,000	404,900	385,890
May	0	557,000	38,000	519,000	439,310
June	7,100	542,000	36,000	513,100	513,740
July	0	497,000	114,000	383,000	501,040
August	0	485,100	26,000	459,100	424,750
September	0	366,900	38,000	328,900	428,230
October	0	412,000	38,000	374,000	278,130
November	0	458,200	42,000	416,200	381,000
December	0	416,900	32,000	384,900	343,810
Total for year	149,870	5,391,100	598,000	4,942,970	4,896,310

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:

* 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	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 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
4,896,310	61	366	219

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.	<u>61</u>
2. Maximum number of ERCs * which can be served **	<u>492</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>61</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>61</u>
5. Estimated annual increase in ERCs *.	<u>1</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>None</u> _____ _____	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3590497</u>
12. Water Management District Consumptive Use Permit #	<u>8357</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	1,697,000	819,640	877,360	650,150
February	0	1,204,700	474,470	730,230	648,530
March	0	1,605,300	403,830	1,201,470	801,630
April	0	1,253,100	461,240	791,860	794,060
May	0	1,741,900	386,420	1,355,480	842,040
June	0	1,692,600	454,750	1,237,850	887,340
July	0	1,463,400	486,610	976,790	810,800
August	0	1,153,800	307,190	846,610	604,820
September	0	956,900	279,220	677,680	631,090
October	0	1,383,300	417,380	965,920	625,780
November	0	1,358,700	396,850	961,850	709,370
December	0	1,355,600	444,670	910,930	699,790
Total for year	0	16,866,300	5,332,270	11,534,030	8,705,400

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	110	158,400	Deep Well
Well #1 St. Johns Highlands	75	108,000	Deep Well

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

YEAR OF REPORT
December 31, 2000

ST. JOHNS HIGHLANDS / PUTNAM #471

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	<u>108,000</u>	(Reliable Max Day Capacity)
Location of measurement (i.e. WellHead, Storage Tank):	<u>WellHead and/or Distribution</u>	
Type of treatment (reverse osmosis, sedimentation, chemical, aerated, etc.):	<u>Chlorination and Aeration</u>	
LIME TREATMENT		
Unit rating (i.e., GPM, pounds per gallon):	<u>N/A</u>	Manufacturer: _____
FILTRATION		
Type and size of area:	_____	
Pressure (in square feet):	<u>N/A</u>	Manufacturer: _____
Gravity (in GPM/square feet):	<u>N/A</u>	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	187	187
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 Water System Meter Equivalents			188	192

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
8,355,480	270	366	85

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.	<u>270</u>
2. Maximum number of ERCs * which can be served **	<u>639</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>603</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>403</u>
5. Estimated annual increase in ERCs *.	<u>1</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>Rehabilitate existing well at St. Johns Highlands by backplugging and install shallow blend well.</u> <u>Projects scheduled to be completed by Sept. 2001.</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	<u>See 8</u>
b. Have these plans been approved by DEP?	<u>Yes</u>
c. When will construction begin?	<u>May-01-2001</u>
d. Attach plans for funding the required upgrading.	<u>Florida Water Services Budget - 2001</u>
e. Is this system under any Consent Order with DEP?	<u>No</u>
11. Department of Environmental Protection ID #. <u>2540482</u> St. John's: <u>2540489</u>	
12. Water Management District Consumptive Use Permit #	<u>N/A</u>
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	619,830	8,000	611,830	442,000
February	0	588,990	0	588,990	516,140
March	0	732,010	10,000	722,010	548,220
April	0	681,370	12,000	669,370	644,760
May	0	975,360	0	975,360	726,900
June	0	871,250	160,000	711,250	812,450
July	0	684,380	0	684,380	696,350
August	0	783,300	6,000	777,300	586,390
September	0	721,240	198,000	523,240	717,890
October	0	740,460	249,000	491,460	557,560
November	0	569,540	0	569,540	642,780
December	0	672,510	6,000	666,510	502,750
Total for year	0	8,640,240	649,000	7,991,240	7,394,190

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	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 Water System Meter Equivalents			107	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
7,355,480	98	366	205

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.	98
2. Maximum number of ERCs * which can be served **	263
3. Present system connection capacity (in ERCs *) using existing lines.	107
4. Future connection capacity (in ERCs *) upon service area buildout.	107
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.	
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 plan upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350544
12. Water Management District Consumptive Use Permit #	2613
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

CALCULATION OF THE WATER SYSTEMS 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	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 Water System Meter Equivalents			123	125

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
4,415,675	119	366	101

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.	119
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	141
4. Future connection capacity (in ERCs *) upon service area buildout.	200
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.	
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 plan 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 #.	N/A
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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				110

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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	
3,235,510	101	366	88	

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)	0.032	(Average of Max Month)	
Effluent Disposal (gpd)	25,000		
Total Gallons of WW Treated (mg)	7.245		
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. 101

2. Maximum number of ERC's * which can be served. 284 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 124

4. Future connection capacity (in ERCs*) upon service area buildout.** 190

5. Estimated annual increase in ERCs* 2

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

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

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

If so, when? _____

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

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

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	643,000	0	643,000	819,590
February	0	775,000	0	775,000	828,100
March	0	887,700	1,000	886,700	929,350
April	0	731,600	0	731,600	1,139,350
May	0	711,500	0	711,500	936,176
June	0	444,300	0	444,300	891,100
July	0	342,400	0	342,400	671,520
August	0	421,020	55,000	366,020	640,050
September	0	332,890	13,000	319,890	609,400
October	0	487,960	24,000	463,960	628,880
November	0	492,070	0	492,070	718,300
December	0	476,470	0	476,470	795,778
Total for year	0	6,745,910	93,000	6,652,910	9,607,594

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	244	244
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 Water System Meter Equivalents			245	247

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
9,607,584	241	366	109

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 **	304
3. Present system connection capacity (in ERCs *) using existing lines.	250
4. Future connection capacity (in ERCs *) upon service area buildout.	250
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.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Install a new backup well - Completed 5/00	
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 plan 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	1,295,980	225,560	1,070,420	1,223,244
February	0	1,227,220	185,100	1,042,120	1,115,430
March	0	1,475,610	186,630	1,288,980	1,284,770
April	0	1,408,190	238,280	1,169,910	1,473,800
May	0	1,747,300	213,020	1,534,280	1,420,120
June	0	1,489,730	246,170	1,243,560	1,568,553
July	0	1,518,570	226,800	1,291,770	1,614,430
August	0	1,552,460	221,950	1,330,510	1,290,790
September	0	1,456,600	243,670	1,212,930	1,257,985
October	0	1,471,600	336,550	1,135,050	1,318,685
November	0	1,380,550	94,540	1,286,010	1,360,809
December	0	1,271,840	96,820	1,175,020	1,334,260
Total for year	0	17,295,650	2,515,090	14,780,560	16,262,876

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	301	301
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 Water System Meter Equivalents			304	308

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
14,477,327	240	366	165

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.	<u>240</u>
2. Maximum number of ERCs * which can be served **	<u>164</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>351</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>434</u>
5. Estimated annual increase in ERCs *.	<u>3</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>Replace approximately 1,000 LF of existing 1-1/2 inch and 2-inch galvanized water main with new 2 and 4</u> <u>inch PVC piping.</u> <u>Project scheduled to be completed by the end of 2001.</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>4490673</u>
12. Water Management District Consumptive Use Permit #	<u>49-00970-W</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance? <u>It should be noted that</u> <u>withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of</u> <u>the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the</u> <u>water management district.</u>	

* 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	1,470,200	15,480	1,454,720	202,070
February	0	1,415,400	5,040	1,410,360	216,320
March	0	1,637,800	230	1,637,570	243,790
April	0	1,362,200	790	1,361,410	231,610
May	0	1,984,900	860	1,984,040	226,830
June	0	1,589,100	160	1,588,940	229,470
July	0	1,362,800	260	1,362,540	222,630
August	0	1,549,200	310	1,548,890	175,960
September	0	1,352,500	190	1,352,310	206,990
October	0	1,756,900	440	1,756,460	181,950
November	0	1,194,700	50	1,194,650	200,150
December	0	1,002,600	150	1,002,450	224,560
Total for year	0	17,678,300	23,960	17,654,340	2,562,330

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:
 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	30	30
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 Water System Meter Equivalents			31	35

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
1,358,920	27	366	138

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.	<u>27</u>
2. Maximum number of ERCs * which can be served **	<u>497</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>28</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>28</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>None</u> _____ _____	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>2540873</u>
12. Water Management District Consumptive Use Permit #	<u>N/A</u>
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	234,200	0	320	233,880	203,550
February	232,200	0	260	231,940	245,170
March	312,300	0	620	311,680	257,140
April	187,600	0	1,400	186,200	222,970
May	189,800	0	5,450	184,350	182,760
June	158,900	0	560	158,340	182,140
July	170,200	0	600	169,600	167,700
August	132,700	0	380	132,320	144,910
September	141,000	0	520	140,480	155,705
October	152,500	0	17,620	134,880	139,960
November	183,500	0	2,910	180,590	167,170
December	224,900	0	5,080	219,820	229,420
Total for year	2,319,800	0	35,720	2,284,080	2,298,595

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
Purchased water from Astor--Astor Park Water Association			

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	115	115
3/4"	Displacement	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 Water System Meter Equivalents			115	115

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) <table> <tr> <td>SFR Gallons Sold</td> <td>Average Customers</td> <td>Days</td> <td>ERC</td> </tr> <tr> <td>2,298,305</td> <td>114</td> <td>366</td> <td>55</td> </tr> </table>	SFR Gallons Sold	Average Customers	Days	ERC	2,298,305	114	366	55
SFR Gallons Sold	Average Customers	Days	ERC					
2,298,305	114	366	55					

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.	116
4. Future connection capacity (in ERCs *) upon service area buildout.	128
5. Estimated annual increase in ERCs *.	1
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
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 plan 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 #.	N/A
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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	128	128
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				128

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	2,714,227	123	366	60

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)	0.017	(Average of Max Month)	
Effluent Disposal (gpd)	21,000		
Total Gallons of WW Treated (mg)	4.848		
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. 123

2. Maximum number of ERC's * which can be served. 350 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 139

4. Future connection capacity (in ERCs*) upon service area buildout.** 155

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 requireme _____

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	1,020,300	103,040	917,260	762,669
February	0	1,081,700	110,640	971,060	797,310
March	0	1,393,500	118,950	1,274,550	880,180
April	0	1,453,100	71,830	1,381,270	1,046,490
May	0	2,193,200	202,890	1,990,310	1,311,960
June	0	1,481,500	195,900	1,285,600	1,717,030
July	0	2,174,000	137,850	2,036,150	1,249,340
August	0	1,338,800	120,130	1,218,670	1,217,690
September	0	954,300	79,030	875,270	962,155
October	0	1,306,900	77,560	1,229,340	879,130
November	0	1,797,600	98,600	1,699,000	1,114,730
December	0	1,032,900	138,800	894,100	983,650
Total Sold here for Keystone Club only					
Total for year	0	17,227,800	1,455,220	15,772,580	#REF!

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	182	182
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 Water System Meter Equivalents			189	205

CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
12,921,524	164	366	215

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.	<u>164</u>
2. Maximum number of ERCs * which can be served **	<u>627</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>176</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>176</u>
5. Estimated annual increase in ERCs *. <u>2</u>	
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.	
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?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>2040412</u>
12. Water Management District Consumptive Use Permit #	<u>2-019-0010UM</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	10,556,200	186,330	10,369,870	8,475,647
February	0	11,550,400	173,960	11,376,440	8,503,805
March	0	13,379,800	173,930	13,205,870	10,936,535
April	0	11,840,200	233,910	11,606,290	11,093,845
May	0	19,392,200	127,710	19,264,490	13,210,313
June	0	13,996,290	53,330	13,942,960	18,271,160
July	0	11,413,200	83,140	11,330,060	11,640,190
August	0	11,602,400	16,290	11,586,110	10,957,183
September	0	9,461,400	121,860	9,339,540	10,148,105
October	0	12,352,100	173,430	12,178,670	8,481,942
November	0	11,899,500	247,800	11,651,700	11,170,489
December	0	10,684,900	230,460	10,454,440	10,211,520
Total for year	0	148,128,590	1,822,150	146,306,440	133,100,734

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	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	1,067	1,067
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	15	120
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	3	188
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			1,120	1,645

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
88,257,340	914	366	264

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.	<u>914</u>
2. Maximum number of ERCs * which can be served **	<u>341</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>924</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>1,100</u>
5. Estimated annual increase in ERCs *.	<u>16</u>
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	<u>1000 gpm</u>
7. Attach a description of the fire fighting facilities.	<u>See W-14 Exhibit Q-7</u>
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<u>Relocate approximately 4,000 LF of existing 2, 4 and 6-inch water mains to accommodate City's Phase 4 Roadway & Drainage Improvements Project. Install approx. 10,000 LF of new 6, 8 & 10-inch water transmission main and upgrade Well 3 from 500 to 750 gpm. Completion Date: June 2001.</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	<u></u>
c. When will construction begin?	<u></u>
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	<u></u>
11. Department of Environmental Protection ID #.	<u>2100610</u>
12. Water Management District Consumptive Use Permit #	<u>2-019-0010UM</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	229,900	0	6,000	223,900	225,830
February	203,600	0	5,000	198,600	189,288
March	283,400	0	5,000	278,400	263,870
April	261,600	0	9,000	252,600	242,700
May	392,000	0	0	392,000	291,682
June	334,500	0	0	334,500	325,028
July	257,000	0	0	257,000	236,600
August	337,200	0	0	337,200	280,240
September	276,300	0	0	276,300	320,950
October	351,800	0	0	351,800	301,840
November	265,800	0	0	265,800	271,750
December	264,500	0	0	264,500	239,730
Total for year	3,457,600	0	25,000	3,432,600	3,189,508

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
Purchased water from 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 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
3,189,508	59	366	148

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.	
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 plan 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 #.	N/A
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	987,280	85,400	901,880	912,610
February	0	918,090	134,500	783,590	740,230
March	0	1,172,790	13,300	1,159,490	1,046,590
April	0	1,443,910	15,400	1,428,510	1,306,340
May	0	2,068,450	7,100	2,061,350	1,584,130
June	0	1,572,270	8,800	1,563,470	1,756,090
July	0	1,010,400	6,200	1,004,200	1,070,647
August	0	972,100	19,500	952,600	746,568
September	0	968,640	3,900	964,740	937,660
October	0	1,224,180	13,100	1,211,080	963,736
November	0	1,233,190	8,200	1,224,990	1,167,514
December	0	1,102,760	6,300	1,096,460	1,101,810
Total for year	0	14,674,060	321,700	14,352,360	13,333,925

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	97	97
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	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 Water System Meter Equivalents			101	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)			
SFR Gallons Sold	Average Customers	Days	ERC
13,310,605	96	366	379

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.	<u>96</u>
2. Maximum number of ERCs * which can be served **	<u>152</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>102</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>102</u>
5. Estimated annual increase in ERCs *.	<u>2</u>
6. Is the utility required to have fire flow capacity? <u>Yes</u> If so, how much capacity is required? <u>250 gpm</u>	
7. Attach a description of the fire fighting facilities. <u>See W-14 Exhibit Q-7</u>	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <u>None</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3491956</u>
12. Water Management District Consumptive Use Permit #	<u>4900415W</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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	485,400	22,000	463,400	474,010
February	0	541,700	25,000	516,700	427,400
March	0	587,900	0	587,900	556,200
April	0	685,100	25,000	660,100	553,190
May	0	1,143,000	38,000	1,105,000	832,510
June	0	746,900	42,000	704,900	917,380
July	0	568,100	34,000	534,100	697,350
August	0	576,300	46,000	530,300	567,920
September	0	571,600	31,000	540,600	488,460
October	0	739,600	30,000	709,600	517,120
November	0	579,700	46,000	533,700	658,430
December	0	536,300	34,000	502,300	496,340
Total for year	0	7,761,600	373,000	7,388,600	7,186,310

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 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
7,181,120	68	366	289

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.	<u>68</u>
2. Maximum number of ERCs * which can be served **	<u>125</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>80</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>80</u>
5. Estimated annual increase in ERCs *.	<u>0</u>
6. Is the utility required to have fire flow capacity? <u>No</u> If so, how much capacity is required? _____	
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. <u>None</u> _____ _____	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>3590685</u>
12. Water Management District Consumptive Use Permit #	<u>8361</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance? <u>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.</u>	

* 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	7,383,000	752,900	6,630,100	5,588,138
February	0	8,063,000	1,126,650	6,936,350	5,869,972
March	0	8,735,000	861,100	7,873,900	6,656,010
April	0	8,488,000	570,570	7,917,430	7,170,530
May	0	11,072,000	811,250	10,260,750	7,684,444
June	0	9,681,000	234,850	9,446,150	9,356,460
July	0	7,488,000	881,330	6,606,670	8,067,380
August	0	7,272,000	209,260	7,062,740	6,292,730
September	0	6,814,000	2,460,920	4,353,080	6,127,140
October	0	8,301,000	157,130	8,143,870	6,477,323
November	0	7,792,000	156,160	7,635,840	6,601,205
December	0	6,863,000	166,565	6,696,435	7,077,635
Total for year	0	97,952,000	8,388,685	89,563,315	82,968,967

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	802	802
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	4	32
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Water System Meter Equivalents			816	859

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
79,364,647	775	366	280

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.	<u>775</u>
2. Maximum number of ERCs * which can be served **	<u>515</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>807</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>826</u>
5. Estimated annual increase in ERCs *.	<u>27</u>
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	<u>None</u>
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.	<u>None</u>
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>6532347</u>
12. Water Management District Consumptive Use Permit #	<u>207878.02</u>
a. Is the system in compliance with the requirements of the CUP?	<u>Yes,</u>
b. If not, what are the utility's plans to gain compliance?	<u>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.</u>

* 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	285	285
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 Tur	8.0	0	0
3"	Displacement	15.0	0	0
3"	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 Wastewater System Meter Equivalents				290

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
15,900,164	270	366	161

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)	Contact Stabilization/Extended Aeration		
Hydraulic Capacity (gpd)	100,000		
Average Daily Flow (mgd)	0.086	(Average of Max Month)	
Effluent Disposal (gpd)	85,000		
Total Gallons of WW Treated (mg)	26.284		
Method of Effluent Disposal	Percolation Ponds, Drip 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. 270

2. Maximum number of ERC's * which can be served. 400 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 258

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

5. Estimated annual increase in ERCs* 0

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Ongoing collection system upgrades. Estimated completion 8/01.

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 requireme _____

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:

- a. Attach a description of the plant upgrade necessary to meet the New Inteconnection
- b. Have these plans been approved by DEP Yes
- c. When will construction begin? April-01
- d. Attach plans for funding the required upgradi Florida Water Services - 2000 budget.
- e. Is this system under any Consent Order with DEP Yes

12. Department of Environmental Protection ID # FLA013040-002-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	20,000	2,250,100	74,000	2,196,100	2,285,380
February	0	2,257,000	100,000	2,157,000	2,115,082
March	0	2,797,000	0	2,797,000	2,469,409
April	0	2,633,200	130,000	2,503,200	2,794,540
May	0	3,428,100	121,000	3,307,100	2,872,390
June	2,000	3,079,000	53,000	3,028,000	3,298,088
July	67,000	2,422,900	0	2,489,900	2,775,040
August	0	2,486,000	75,000	2,411,000	2,467,770
September	0	2,077,100	82,000	1,995,100	2,382,126
October	0	2,590,900	90,000	2,500,900	2,088,360
November	0	2,515,300	75,000	2,440,300	2,611,650
December	4,000	2,128,800	83,000	2,049,800	2,375,847
Total for year	93,000	30,665,400	883,000	29,875,400	30,535,682

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	296	296
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 Water System Meter Equivalents			297	299

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
	26,384,877	265	366	272

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.	265
2. Maximum number of ERCs * which can be served **	529
3. Present system connection capacity (in ERCs *) using existing lines.	305
4. Future connection capacity (in ERCs *) upon service area buildout.	312
5. Estimated annual increase in ERCs *,	2
6. Is the utility required to have fire flow capacity? Yes If so, how much capacity is required?	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. Install approximately 2,000 LF of new 4-inch PVC water main and convert existing gas chlorine system to liquid (sodium hypochlorite) feed system at existing WTP. Projects scheduled to be completed by the end of 2001.	
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 plan 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 #	APPL/21170126
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	43,900	0	43,900	35,430
February	0	41,300	1,000	40,300	41,600
March	0	50,200	2,000	48,200	45,110
April	0	73,300	0	73,300	45,880
May	0	81,000	0	81,000	63,550
June	0	71,300	1,000	70,300	75,790
July	0	49,300	0	49,300	69,360
August	0	68,300	1,000	67,300	49,360
September	0	36,000	0	36,000	66,230
October	0	66,200	0	66,200	35,180
November	0	46,100	0	46,100	64,300
December	0	45,200	0	45,200	43,830
Total for year	0	672,100	5,000	667,100	635,620

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 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)				
	SFR Gallons Sold	Average Customers	Days	ERC
	635,620	13	366	134

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.	<u>13</u>
2. Maximum number of ERCs * which can be served **	<u>67</u>
3. Present system connection capacity (in ERCs *) using existing lines.	<u>25</u>
4. Future connection capacity (in ERCs *) upon service area buildout.	<u>33</u>
5. Estimated annual increase in ERCs *.	<u>1</u>
6. Is the utility required to have fire flow capacity? <u>Yes</u> If so, how much capacity is required? <u>500 gpm</u>	
7. Attach a description of the fire fighting facilities. <u>See W-14 Exhibit Q-7</u>	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <u>None</u>	
9. When did the company last file a capacity analysis report with the DEP?	<u>N/A</u>
10. If the present system does not meet the requirements of the DEP rules:	<u>N/A</u>
a. Attach a description of the plan 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 #.	<u>2104350</u>
12. Water Management District Consumptive Use Permit #	<u>N/A</u>
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	48,932,640	2,749,270	46,183,370	42,099,115
February	0	48,587,630	5,332,210	43,255,420	43,326,037
March	0	52,334,150	4,524,690	47,809,460	45,734,346
April	0	50,443,910	6,531,630	43,912,280	45,832,048
May	0	52,588,570	7,271,130	45,317,440	46,920,301
June	0	45,302,440	6,327,890	38,974,550	44,031,272
July	0	44,545,460	3,752,810	40,792,650	39,006,028
August	0	45,090,400	18,818	45,071,582	38,006,106
September	0	43,282,150	2,829,221	40,452,929	40,391,946
October	0	48,100,530	4,649,150	43,451,380	38,108,422
November	0	49,227,290	7,417,854	41,809,436	45,019,947
December	0	51,741,740	16,655,524	35,086,216	45,379,123
Total for year	0	580,176,910	68,060,197	512,116,713	513,854,691

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):	unit - 1000gpm #3 unit 1200gpm	Manufacturer: Infilco/Degremont
FILTRATION		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	2.75 gpm/sq. ft.	Manufacturer: Tampa Tank

* Wells

CALCULATION OF THE WATER SYSTEMS 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	9,284	9,284
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	79	198
1 1/2"	Displacement or Turbine	5.0	41	205
2"	Displacement, Compound or Turbine	8.0	70	560
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	18	315
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 Water System Meter Equivalents			9,495	10,656

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
416,073,462	8,834	366	129

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.	8,834
2. Maximum number of ERCs * which can be served **	8,672
3. Present system connection capacity (in ERCs *) using existing lines.	10,612
4. Future connection capacity (in ERCs *) upon service area buildout.	106,119
5. Estimated annual increase in ERCs *.	200
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.	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Initial plans to eliminate the raw water storage tank and to increase the filter capacity by adding two units are underway at the lime softening plant.	
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 plan 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.

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

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	7,433	7,433
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 Tur	8.0	32	256
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	8	140
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	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	1	90
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Wastewater System Meter Equivalents				8,312

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 fa residence (SFR) gallons sold by the average number of single family residence customers for the sa 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
	260,816,125	7,077	366	101

TREATMENT PLANT

Provide a separate sheet for each wastewater treatment facility

Permitted Capacity (gpd)	2,480,000		
Basis of Permit Capacity (1)	AADF		
Manufacturer	Clow	Davco	
Type (2)	Contact Stabilization w/tertiary filtration		
Hydraulic Capacity (gpd)	2,480,000		
Average Daily Flow (mgd)	2.540	(Average of Max Month)	
Effluent Disposal (gpd)	2,100,000		
Total Gallons of WW Treated (mg)	533.987		
Method of Effluent Disposal	Percolation Ponds, Golf Course		

- (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. 7,077

2. Maximum number of ERC's * which can be served. 20,792 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 10,899

4. Future connection capacity (in ERCs*) upon service area buildout.** 108,988

5. Estimated annual increase in ERCs* 248

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
Present Zenon treatment portion of plant at 0.48 MGD out of total 2.48 MGD plant capacity will
to 1.0 MGD in the future for a total plant capacity of 3.0 MGD.

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 requireme _____

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	3,536,100	10,240	3,525,860	3,009,679
February	0	3,146,800	26,270	3,120,530	3,057,940
March	0	3,560,700	39,740	3,520,960	3,075,713
April	0	3,804,900	40,670	3,764,230	3,201,697
May	0	5,032,600	55,870	4,976,730	3,849,720
June	0	4,031,900	1,940	4,029,960	4,806,880
July	0	3,183,700	3,260	3,180,440	3,748,340
August	0	3,816,000	3,380	3,812,620	3,012,000
September	0	3,367,800	3,350	3,364,450	3,600,581
October	0	3,536,000	1,770	3,534,230	3,596,783
November	0	3,536,100	1,090	3,535,010	3,094,697
December	0	3,475,900	1,020	3,474,880	3,554,505
Total for year	0	44,028,500	188,600	43,839,900	41,608,535

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 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
41,491,485	394	366	288

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.	394
2. Maximum number of ERCs * which can be served **	125
3. Present system connection capacity (in ERCs *) using existing lines.	400
4. Future connection capacity (in ERCs *) upon service area buildout.	408
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?	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. Conversion from gaseous to a liquid chlorination system is under consideration this year. This conversion would probably necessitate an increase in hydropneumatic tank capacity in order to meet disinfection detention time 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 plan 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.

CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL UNITS

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	391	391
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
Total Wastewater System Meter Equivalents				399

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
	22,288,857	390	366	156

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)	0.090	(Average of Max Month)	
Effluent Disposal (gpd)	150,000		
Total Gallons of WW Treated (mg)	29.486		
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. 390

2. Maximum number of ERC's * which can be served. 866 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 386

4. Future connection capacity (in ERCs*) upon service area buildout.** 408

5. Estimated annual increase in ERCs* 2

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

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

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

If so, when? _____

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

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

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