

## Fire Fighting Capabilities

2003 W-14 Exhibit Q-7

Water Plant Name	Plant #	Total Reservoir Capacity (gals)	Total High Service pump capacity (gpm)	Comments
Amelia Island	1518	1,000,000	9,220	
Apple Valley	332	232,000	2,920	
Beacon Hills/Cobblestone	886	433,600	6,275	
Beecher's Point	472			Interconnected to Welaka
Buenventura Lakes	785	1,206,000	7,200	
Burnt Store	2202	1,000,000	2,400	
Chuluota	335	450,000	2,450	
Citrus Springs	906	500,000	4,200	Includes all direct wells
Delfona Lakes	1806	7,150,000	23,500	Includes all direct wells
Dol Ray	336	8,000	500	
Druid Hills	334	30,000	500	Wells can be valved to go direct.
Fountains	772	20,000	1,500	
Fox Run	679	50,000	850	
Gibsonia Estates	215		270	Includes all direct wells
Grand Terrace	575		600	Includes all direct wells
Keystone Heights	1094		1,800	Includes all direct wells
Lake Ajay	773	15,000	320	
Lake Gibson	210		1,100	Includes all direct wells
Lake Harriet	323	25,000	400	Emergency interconnect to Altamonte Springs
Lakeside Golf & Country Club	995		1,250	Includes all direct wells
Lehigh	2901	2,250,000	4,250	
Leisure Lakes/Covered Bridge	2401	15,000	400	
Leilani Heights	675		470	Includes all direct wells
Marco Island	2601	6,500,000	22,700	
Marco Shores	2602	500,000	2,700	
Marion Oaks	1106	1,000,000	2,700	Includes all direct wells
Meredith Manor	330	50,000	1,150	
Morningview	562		425	Includes all direct wells
Oak Forest	993		630	Includes all direct wells
Palisades	579		1,600	Includes all direct wells
Palm Coast	3001	6,650,000	11,800	
Palm Terrace	1429		160	Well and Interconnects
Pine Ridge	907		2,855	Includes all direct wells

**Fire Fighting Capabilities**

2003 W-14 Exhibit Q-7

Water Plant Name	Plant #	Total Reservoir Capacity (gals)	Total High Service pump capacity (gpm)	Comments
Pine Ridge Estates	782	45,000	1,180	
Point O Woods	987		1,250	Includes all direct wells
Quail Ridge	578		650	Includes all direct wells
Remington Forest	2302	34,000	600	
Rosemont	988		865	Includes all direct wells
Salt Springs	1115		633	Includes all direct wells
Seaboard	1906	1,000,000	3,850	Interconnected to City of Tampa
Silver Lake Estates	574	50,000	4,420	Interconnected to Western Shores
Skycrest	551		675	Includes all direct wells
Spring Gardens	994		168	Well and Interconnect to Hernando County
Spring Hill	2701	4,500,000	25,110	Includes all direct wells
Spruce Creek Country Club	1120	500,000	10,300	Includes all direct wells
Spruce Creek Preserve	1121		1,650	Includes all direct wells
Spruce Creek South	1122		3,150	Includes all direct wells
Stonecrest	1130		3,000	Includes all direct wells
Sugar Mill Woods	989	500,000	7,000	Includes all direct wells
Sunny Hills	2801	60,000	1,050	Includes all direct wells
Sunshine Parkway	560	108,000	3,400	
Valencia Terrace	554		1,100	Includes all direct wells
Valrico Hills	1901		800	Includes all direct wells
Woodmere	888	455,000	3,600	
Zephyr Shores	1427		120	Well and Interconnect to Pasco County

## REUSE END USERS

List for each source for reuse:

System Name	System Number	Reuse End User	Gallons Used
Amelia Island	1518	Amelia Links, Long Pointe & Summer Beach Golf Courses	<b>Sold System</b>
Buenaventura Lakes	785	Buenaventura Lakes Golf Course	<b>Sold System</b>
Deltona Lakes	1806	Deltona Hills Golf Course	<b>Sold System</b>
		Residential Reuse	<b>Sold System</b>
Florida Central Commerce Park	340	Green space irrigation system	2,982,000
Lehigh	2901	Lehigh Arces North Golf Course	<b>Sold System</b>
		Lehigh Arces Mirror Lakes Golf Course	<b>Sold System</b>
Marco Island	2601	Marco Island Golf Course	<b>Sold System</b>
		Marco Shores Golf Course	<b>Sold System</b>
		Hideaway Beach Golf Course	<b>Sold System</b>
		Condo Associations & Residential use	<b>Sold System</b>
		City of Marco - Medians	<b>Sold System</b>
Palm Coast	3001	GrandHaven Golf Course & Residential common areas.	<b>Sold System</b>
		Hammock Dunes Golf Course & Residential common areas.	<b>Sold System</b>
Point O Woods	987	Point O' Woods County Club Golf Course	<b>Sold System</b>
Spring Hill	2701	Timber Pines Golf Course	<b>Sold System</b>
Spruce Creek CC	1120	Spruce Creek County Club Golf Course	<b>Sold System</b>
Spruce Creek Preserve	1120	Spruce Creek Preserve Golf Course	<b>Sold System</b>

**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	36,145	16	36,129	32,271
February	0	30,771	37	30,735	34,297
March	0	34,868	15	34,853	28,989
April	0	48,486	15	48,471	37,190
May	0	55,466	16	55,450	53,312
June	0	52,527	23	52,504	48,599
July	0	53,813	21	53,792	52,524
August	0	49,279	12	49,267	47,884
September					<b>System Sold</b>
October					
November					
December					
Total for year	0	361,355	154	361,201	335,066

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	2,331	2,331
3/4"	Displacement	1.5	73	110
1"	Displacement	2.5	23	58
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			2,433	2,556

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
62,512,355	2,358	90	295

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	112	112
3/4"	Displacement	1.5	8	12
1"	Displacement	2.5	55	138
1 1/2"	Displacement or Turbine	5.0	23	115
2"	Displacement, Compound or Turbine	8.0	75	600
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	34	595
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	9	270
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>318</b>	<b>1,967</b>

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	2,358
2. Maximum number of ERCs * which can be served **	3,422
3. Present system connection capacity (in ERCs *) using existing lines.	2,389
4. Future connection capacity (in ERCs *) upon service area buildout.	2,816
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity?	Yes
If so, how much capacity is required?	1000 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	System Sold
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2450022
12. Water Management District Consumptive Use Permit #	50087
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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



METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	2,196	2,196
3/4"	Displacement	1.5	69	104
1"	Displacement	2.5	17	43
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				2,365

### 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
	24,761,148	2,195	90	125

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	50	50
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	29	73
1 1/2"	Displacement or Turbine	5.0	20	100
2"	Displacement, Compound or Turb	8.0	34	272
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	9	158
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	8	240
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>964</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	950,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	Custom Made		
<b>Type (2)</b>	Modified Bardenpho System		
<b>Hydraulic Capacity (gpd)</b>	950,000		
<b>Average Daily Flow (mgd)</b>	1.102	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	203.072		
<b>Method of Effluent Disposal</b>	Public access reuse		

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

### OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served.	2,195	
2. Maximum number of ERC's * which can be served.	7,579	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	2,216	
4. Future connection capacity (in ERCs*) upon service area buildout.***	2,770	
5. Estimated annual increase in ERCs*	<b>N/A - System was sold</b>	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.		
<b>Sold System</b>		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.		
	See Exhibit Q-7	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		
	If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse?		
	No	
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		
	March-01	
11. If the present system does not meet the requirements of DEP rules:		
	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #		
	FLA011688	

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

\*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	12,378	40	12,338	10,287
February	0	11,175	49	11,126	11,974
March	0	11,281	1,241	10,039	10,409
April	0	16,601	60	16,541	10,858
May	0	17,940	204	17,736	15,551
June	0	12,904	62	12,842	16,427
July	0	13,613	37	13,576	11,888
August	0	10,536	35	10,501	11,294
September	0	12,644	30	12,613	9,862
October	0	13,562	22	13,540	12,467
November	0	12,965	33	12,932	12,381
December	0	13,308	39	13,269	12,622
Total for year	0	158,905	1,853	157,052	146,020

If water is purchased for resale, indicate the following:  
 Vendor City of Altamonte Springs  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	500	720,000	Deep Well
Well #2	600	864,000	Deep Well

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

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

\* Wells  
\* Emergency Interconnect with City of Altamonte Springs

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,083	1,083
3/4"	Displacement	1.5	1	2
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
<b>Total Residential Water System Meter Equivalents</b>			<b>1,093</b>	<b>1,118</b>

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
136,136,899	1,062	365	351

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	31	31
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turbine	8.0	6	48
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>47</b>	<b>108</b>



**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.	1,062
2. Maximum number of ERCs * which can be served **	1,025
3. Present system connection capacity (in ERCs *) using existing lines.	1,411
4. Future connection capacity (in ERCs *) upon service area buildout.	1,732
5. Estimated annual increase in ERCs *.	24
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.	Well upgrade for 2004
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590039
12. Water Management District Consumptive Use Permit #	50281
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	160	160
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				163

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

Use one of the following methods:

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	10,447,982	162	365	177

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	23	23
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turb	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>54</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

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

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

### OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served.	162	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	158	
4. Future connection capacity (in ERCs*) upon service area buildout.***	158	
5. Estimated annual increase in ERCs*	7	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. None		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A		
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		No
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?		No
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		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	418	5	413	452
February	0	420	8	412	365
March	0	459	8	451	415
April	0	608	18	590	367
May	0	659	5	654	509
June	0	471	0	471	581
July	0	521	0	521	417
August	0	464	0	464	426
September	0	483	0	483	471
October	0	540	0	540	425
November	0	0	0	0	System Sold
December	0	0	0	0	
Total for year	0	5,043	44	4,999	4,428

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

\* Well

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	82	82
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
<b>Total Residential Water System Meter Equivalents</b>			82	82

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

<b>Calculations: (a)</b>				
	<b>SFR Gallons Sold</b>	<b>Average Customers</b>	<b>Days</b>	<b>ERC</b>
	4,427,510	81	304	180



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	81
2. Maximum number of ERCs * which can be served **	551
3. Present system connection capacity (in ERCs *) using existing lines.	99
4. Future connection capacity (in ERCs *) upon service area buildout.	99
5. Estimated annual increase in ERCs *.	1
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3490090
12. Water Management District Consumptive Use Permit #	49-00959-W
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
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	42,488	76	42,411	41,772
February	0	33,302	65	33,237	37,680
March	0	36,920	58	36,862	31,698
April	0	52,086	72	52,014	48,474
May	0	68,576	3,642	64,933	69,366
June	0	53,674	1,778	51,896	52,079
July	0	56,491	170	56,322	54,285
August	0	51,440	1,778	49,662	35,529
September	0	63,003	107	62,896	56,754
October					<b>System Sold</b>
November					
December					
Total for year	0	457,980	7,746	450,234	427,636

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	850	1,224,000	Deep Well
Beacon Hills Plant Well # 2	920	1,324,800	Deep Well
Cobblestone Plant Well # 1	1,240	1,785,600	Deep Well
Cobblestone Plant Well # 2	850	1,224,000	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	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,303	3,303
3/4"	Displacement	1.5	469	704
1"	Displacement	2.5	51	128
1 1/2"	Displacement or Turbine	5.0	31	155
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
<b>Total Residential Water System Meter Equivalents</b>			3,855	4,297

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
392,948,456	3,731	273	386

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	94	94
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	10	25
1 1/2"	Displacement or Turbine	5.0	8	40
2"	Displacement, Compound or Turbine	8.0	16	128
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			131	292

**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.	3,731
2. Maximum number of ERCs * which can be served **	5,039
3. Present system connection capacity (in ERCs *) using existing lines.	4,092
4. Future connection capacity (in ERCs *) upon service area buildout.	4,228
5. Estimated annual increase in ERCs *.	182
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	1500 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2160064
12. Water Management District Consumptive Use Permit #	49
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,192	3,192
3/4"	Displacement	1.5	460	690
1"	Displacement	2.5	42	105
1 1/2"	Displacement or Turbine	5.0	30	150
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>4,137</b>

**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
	162,571,181	3,654	273	163



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	75	75
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	5	13
1 1/2"	Displacement or Turbine	5.0	4	20
2"	Displacement, Compound or Turb	8.0	9	72
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>184</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	836,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	DAVCO		
<b>Type (2)</b>	Extended Aeration		
<b>Hydraulic Capacity (gpd)</b>	1,300,000		
<b>Average Daily Flow (mgd)</b>	0.729	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	179.858		
<b>Method of Effluent Disposal</b>	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.	3,654	
2. Maximum number of ERC's * which can be served.	5,130	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	4,070	
4. Future connection capacity (in ERCs*) upon service area buildout.***	4,144	
5. Estimated annual increase in ERCs*	167	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.		
<b>Sold System</b>		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.		
	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		
		Yes
If so, when? August, 1993		
9. Has the utility been required by DEP or water management district to implement reuse?		
		No
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		
		November-01
11. If the present system does not meet the requirements of DEP rules:		
	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #		
	FL0026778	

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

\*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	698	0	0	698	655
February	601	0	0	601	672
March	462	0	0	462	461
April	522	0	0	522	481
May	558	0	0	558	478
June	453	0	0	453	462
July	478	0	0	478	454
August	432	0	4	429	349
September	447	0	0	447	397
October	453	0	16	438	435
November	395	0	4	392	363
December	517	0	4	513	377
Total for year	6,016	0	26	5,990	5,584

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	47	47
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			49	80

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

Calculations: (a)		Average	Days	ERC
SFR Gallons Sold	Customers			
2,229,846	46		365	133

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>3</b>	<b>24</b>

**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.	46
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	92
4. Future connection capacity (in ERCs *) upon service area buildout.	95
5. Estimated annual increase in ERCs *.	9
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	Yes 500 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2540070
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

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



METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	19	19
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>49</b>

**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.

<b>Calculations:</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
546,580	16	365	94

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

YEAR OF REPORT December 31, 2003
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METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	0	0
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				0

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

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

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

**OTHER WASTEWATER SYSTEM INFORMATION**

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

1. Present number of ERC's * now being served.	16	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	19	
4. Future connection capacity (in ERCs*) upon service area buildout.***	20	
5. Estimated annual increase in ERCs*	0	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.	None	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No	
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?	No	
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?	N/A	
11. If the present system does not meet the requirements of DEP rules:	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #	Interconnected	

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

\*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

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	57,209	128	57,080	56,129
February	0	55,605	428	55,176	56,945
March	0	59,525	325	59,200	54,265
April	0	65,642	258	65,384	56,600
May	0	74,265	1,288	72,977	65,242
June	0	60,242	84	60,158	68,781
July	0	64,913	76	64,837	57,664
August	0	59,089	315	58,774	57,887
September	0	59,698	188	59,510	54,247
October	0	64,698	1,390	63,308	58,191
November					<b>System Sold</b>
December					
Total for year	0	620,885	4,481	616,403	585,950

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	10,381	10,381
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	19	152
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			<b>10,408</b>	<b>10,555</b>

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
473,015,423	8,046	304	193

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	130	130
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	38	95
1 1/2"	Displacement or Turbine	5.0	15	75
2"	Displacement, Compound or Turbine	8.0	26	208
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	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
<b>Total Commercial Water System Meter Equivalents</b>			<b>223</b>	<b>715</b>



**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.	8,046
2. Maximum number of ERCs * which can be served **	7,446
3. Present system connection capacity (in ERCs *) using existing lines.	8,725
4. Future connection capacity (in ERCs *) upon service area buildout.	9,068
5. Estimated annual increase in ERCs *.	71
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	2500 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	
<b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3490184
12. Water Management District Consumptive Use Permit #	49-00002-W
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	8,146	8,146
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 Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				8,146

**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:	SFR Gallons Sold	Average Customers	Days	ERC
	338,935,526	7,950	304	140

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	108	108
3/4"	Displacement	1.5	6	9
1"	Displacement	2.5	18	45
1 1/2"	Displacement or Turbine	5.0	8	40
2"	Displacement, Compound or Turb	8.0	13	104
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	3	53
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>451</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	1,800,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	Marolf		
<b>Type (2)</b>	Bardenpho process		
<b>Hydraulic Capacity (gpd)</b>	1,800,000		
<b>Average Daily Flow (mgd)</b>	2.668	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	595.604		
<b>Method of Effluent Disposal</b>	Wetlands, Public access reuse, REBs & pond		

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

**OTHER WASTEWATER SYSTEM INFORMATION**

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

1. Present number of ERC's * now being served.	7,950
2. Maximum number of ERC's * which can be served.	12,835 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	8,349
4. Future connection capacity (in ERCs*) upon service area buildout.***	9,710
5. Estimated annual increase in ERCs*	112
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. <b>Sold System</b>	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. See Exhibit Q-7	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?  If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse? No  If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP? October-01	
11. If the present system does not meet the requirements of DEP rules: N/A a. Attach a description of the plant upgrade necessary to meet the DEP rules. b. Have these plans been approved by DEP? c. When will construction begin? d. Attach plans for funding the required upgrading. e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID #	FL0039446-002

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

\*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	11,727	2,720	9,008	7,802
February	0	11,183	53	11,130	11,137
March	0	12,361	1,965	10,396	9,913
April	0	11,404	19	11,385	9,994
May	0	9,572	8	9,564	9,760
June	0	6,969	6	6,963	8,075
July	0	8,518	34	8,484	6,335
August	0	3,924	30	3,894	5,620
September	0	8,368	76	8,292	5,860
October	0	10,750	141	10,608	6,201
November					<b>System Sold</b>
December					
Total for year	0	94,775	5,053	89,722	80,697

If water is purchased for resale, indicate the following:

Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 Charlotte County - Pirates Harbour

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

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

\* Wells/RO Membranes

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,549	1,549
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	33	83
1 1/2"	Displacement or Turbine	5.0	17	85
2"	Displacement, Compound or Turbine	8.0	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			1,610	1,817

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

<b>Calculations: (a)</b>	<b>Average</b>			
SFR Gallons Sold	Customers	Days	ERC	
63,028,582	1,541	365	112	



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	25	25
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	11	28
1 1/2"	Displacement or Turbine	5.0	3	15
2"	Displacement, Compound or Turbine	8.0	10	80
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	2	60
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>54</b>	<b>244</b>

**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.	1,541
2. Maximum number of ERCs * which can be served **	3,927
3. Present system connection capacity (in ERCs *) using existing lines.	1,577
4. Future connection capacity (in ERCs *) upon service area buildout.	5,533
5. Estimated annual increase in ERCs *.	92
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	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.	
<b>System Sold</b>	
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?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,332	1,332
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	33	83
1 1/2"	Displacement or Turbine	5.0	16	80
2"	Displacement, Compound or Turb	8.0	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	2	35
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
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>1,595</b>

**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
45,900,409	1,304	365	96

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	15	15
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	2	10
2"	Displacement, Compound or Turb	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	2	60
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>146</b>

**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)	0.262	(Average of Max Month)	
Total Gallons of WW Treated (mg)	73.346		
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.	1,304	
2. Maximum number of ERC's * which can be served.	2,216	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	1,832	
4. Future connection capacity (in ERCs*) upon service area buildout.***	6,816	
5. Estimated annual increase in ERCs*	83	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.		
<b>Sold System</b>		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.		
	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		
		Yes
	If so, when? July, 2000	
9. Has the utility been required by DEP or water management district to implement reuse?		
		No
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		
		August-03
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.		
		See 8
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #		
	FLA014083	

\* An ERC is determined based on the calculation on S-11  
 \*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	1,104	9	1,095	987
February	0	947	0	947	997
March	0	1,155	0	1,155	1,013
April	0	1,419	218	1,201	1,225
May	0	1,720	0	1,720	1,328
June	0	1,261	0	1,261	1,746
July	0	1,235	0	1,235	1,223
August	0	1,142	0	1,142	1,178
September	0	1,338	218	1,120	1,094
October	0	1,248	0	1,248	1,233
November	0	1,438	218	1,220	1,144
December	0	1,301	1	1,300	1,330
Total for year	0	15,309	664	14,645	14,498

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

\* Wells



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	199	199
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
<b>Total Residential Water System Meter Equivalents</b>			199	199

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
14,497,650	189	365	210

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	189
2. Maximum number of ERCs * which can be served **	343
3. Present system connection capacity (in ERCs *) using existing lines.	360
4. Future connection capacity (in ERCs *) upon service area buildout.	640
5. Estimated annual increase in ERCs *.	3
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350152
12. Water Management District Consumptive Use Permit #	2605
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	6,171	318	5,853	5,544
February	0	5,677	487	5,190	5,217
March	0	5,980	294	5,686	4,755
April	0	7,841	120	7,721	6,141
May	0	10,434	263	10,171	8,480
June	0	12,080	832	11,248	7,301
July	0	8,911	994	7,917	7,073
August	0	7,910	1,731	6,180	5,978
September	0	9,858	136	9,722	7,637
October	0	11,829	94	11,735	8,888
November	0	10,934	89	10,844	11,042
December	0	10,365	86	10,278	9,786
Total for year	0	107,990	5,445	102,545	87,843

If water is purchased for resale, indicate the following:  
 Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

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

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

Capacity of Plant (GPD):	* 2,808,000	(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	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1,051	1,051
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	6	15
1 1/2"	Displacement or Turbine	5.0	2	10
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
<b>Total Residential Water System Meter Equivalents</b>			1,061	1,092

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
79,659,672	925	365	236

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	8	8
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	3	24
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
<b>Total Commercial Water System Meter Equivalents</b>			<b>14</b>	<b>55</b>

**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.	925
2. Maximum number of ERCs * which can be served **	2,975
3. Present system connection capacity (in ERCs *) using existing lines.	1,776
4. Future connection capacity (in ERCs *) upon service area buildout.	2,420
5. Estimated annual increase in ERCs *.	325
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.	Well #5 On line early January, 2004
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590186
12. Water Management District Consumptive Use Permit #	8362
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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



METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	407	407
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				407

**CALCULATION OF THE WASTEWATER SYSTEMS  
EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	11,960,720	228	365	144

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

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	100,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	Custom Made		
<b>Type (2)</b>	Extended Aeration		
<b>Hydraulic Capacity (gpd)</b>	100,000		
<b>Average Daily Flow (mgd)</b>	0.039	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	10.791		
<b>Method of Effluent Disposal</b>	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.	228
2. Maximum number of ERC's * which can be served.	696 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	204
4. Future connection capacity (in ERCs*) upon service area buildout.***	832
5. Estimated annual increase in ERCs*	301
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Upgrade wastewater treatment plant and develop wastewater disposal site.	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.	
	N/A
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No
If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse?	No
If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP?	January-02
11. If the present system does not meet the requirements of DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID #	FLA011076

\* An ERC is determined based on the calculation on S-11  
 \*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	2,225	142	2,083	1,976
February	0	2,028	159	1,868	1,877
March	0	2,247	200	2,047	1,655
April	0	2,479	140	2,339	1,838
May	0	2,977	168	2,809	2,270
June	0	2,417	168	2,249	2,412
July	0	2,469	162	2,308	1,737
August	0	2,280	114	2,166	2,123
September					System Sold
October					
November					
December					
Total for year	0	19,122	1,252	17,870	15,887

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	351	351
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			351	351

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
15,156,694	337	243	185

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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



**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	337
2. Maximum number of ERCs * which can be served **	266
3. Present system connection capacity (in ERCs *) using existing lines.	343
4. Future connection capacity (in ERCs *) upon service area buildout.	343
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<b>System Sold</b>
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3420119
12. Water Management District Consumptive Use Permit #	3119
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	270	270
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				270

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	7,428,944	259	243	118

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

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	64,000		
<b>Basis of Permit Capacity (1)</b>	M3MADF		
<b>Manufacturer</b>	DAVCO		
<b>Type (2)</b>	Extended Aeration		
<b>Hydraulic Capacity (gpd)</b>	64,000		
<b>Average Daily Flow (mgd)</b>	0.046	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	10.859		
<b>Method of Effluent Disposal</b>	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.	259	
2. Maximum number of ERC's * which can be served.	452	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	269	
4. Future connection capacity (in ERCs*) upon service area buildout.***	269	
5. Estimated annual increase in ERCs*	<b>N/A - System was sold</b>	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.		
<b>Sold System</b>		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.		
N/A		
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		
No		
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?		
No		
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		
February-00		
11. If the present system does not meet the requirements of DEP rules:		
N/A		
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #		
FLA010767		

\* An ERC is determined based on the calculation on S-11  
 \*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	24,535	0	0	24,535	22,230
February	23,723	0	292	23,431	21,531
March	26,144	0	371	25,773	22,842
April	24,873	0	369	24,504	21,767
May	24,173	0	601	23,572	23,410
June	22,129	0	552	21,577	21,405
July	22,601	0	546	22,055	19,114
August	21,348	0	832	20,516	18,966
September	21,542	0	995	20,547	18,268
October	24,780	0	2,161	22,619	19,334
November	24,986	0	0	24,986	21,567
December					<b>System Sold</b>
Total for year	260,834	0	6,720	254,114	230,436

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):	Interconnected with Peace River/Manasota Authority	
Location of measurement (i.e. WellHead, Storage Tank):	N/A	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	N/A	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,769	3,769
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	57	143
1 1/2"	Displacement or Turbine	5.0	23	115
2"	Displacement, Compound or Turbine	8.0	12	96
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			<b>3,864</b>	<b>4,188</b>

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
208,441,497	3,653	365	156



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	28	28
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	9	23
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	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
<b>Total Commercial Water System Meter Equivalents</b>			<b>47</b>	<b>252</b>

**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.	3,653
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	3,822
4. Future connection capacity (in ERCs *) upon service area buildout.	8,227
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	5080072
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	3,847	3,847
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	58	145
1 1/2"	Displacement or Turbine	5.0	23	115
2"	Displacement, Compound or Turb	8.0	12	96
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>4,269</b>

**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
	172,135,794	3,641	365	130

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	20	20
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	7	18
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turb	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	2	125
8"	Compound	80.0	0	0
8"	Turbine	90.0	1	90
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>311</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	interconnect		
<b>Basis of Permit Capacity (1)</b>	interconnect		
<b>Manufacturer</b>	interconnect		
<b>Type (2)</b>	Interconnected		
<b>Hydraulic Capacity (gpd)</b>	interconnect		
<b>Average Daily Flow (mgd)</b>	interconnect		
<b>Total Gallons of WW Treated (mg)</b>	interconnect		
<b>Method of Effluent Disposal</b>	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.	3,641	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	3,299	
4. Future connection capacity (in ERCs*) upon service area buildout.***	6,747	
5. Estimated annual increase in ERCs*	11	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.	<b>Sold System</b>	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No	
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?	No	
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?	N/A	
11. If the present system does not meet the requirements of DEP rules:	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #	Interconnected	

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

\*\*\* Based on meter equivalency factors for ERCs

**SOURCE OF SUPPLY FACILITIES**

DELTONA LAKES

2002

Page W-11 Exhibit: Deltona-1

PAGE # 1 of 1

**List for each source of supply:**

---

WELLS		CAPACITY OF WELL gpm	GALLONS PER DAY FROM	Type of source
Wellington	# 1	200	288,000	DEEP WELL
Wellington	# 2	400	576,000	DEEP WELL
Diamond	# 3	500	720,000	DEEP WELL
Diamond	# 25	700	1,008,000	DEEP WELL
Vicksburg	# 19	1000	1,440,000	DEEP WELL
Sagamore	# 22	1200	1,728,000	DEEP WELL
Sagamore	# 32	1200	1,728,000	DEEP WELL
Magdelina	# 33	750	1,080,000	DEEP WELL
Wellington	# 34	650	936,000	DEEP WELL
Sagamore	# 35	900	1,296,000	DEEP WELL
Golf Course	# 4	500	720,000	DEEP WELL
Lombardy	# 6	350	504,000	DEEP WELL
Lombardy	# 8	400	576,000	DEEP WELL
Lombardy	# 27	1500	2,160,000	DEEP WELL
Courtland	# 15	480	691,200	DEEP WELL
Courtland	# 17	700	1,008,000	DEEP WELL
Courtland	# 18	500	720,000	DEEP WELL
Omaha	# 28	750	1,080,000	DEEP WELL
Courtland	# 24	1000	1,440,000	DEEP WELL
Courtland	# 21	600	864,000	DEEP WELL
Courtland	# 37	600	864,000	DEEP WELL
Beaver	# 23	1000	1,440,000	DEEP WELL
Howland	# 20	500	720,000	DEEP WELL
Agatha/Saxon	# 9	500	720,000	DEEP WELL
Agatha/Saxon	# 12	500	720,000	DEEP WELL
Agatha/Saxon	# 14	600	864,000	DEEP WELL
Agatha/Saxon	# 16	600	864,000	DEEP WELL
N. Normandy	# 36	650	936,000	DEEP WELL

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	302,383	318	302,065	250,944
February	0	263,082	14,061	249,021	268,132
March	0	264,523	14,960	249,563	227,902
April	0	398,550	14,496	384,054	258,931
May	0	493,057	17,353	475,704	376,966
June	0	351,010	18,389	332,621	412,953
July	0	346,851	151	346,700	306,758
August	0	300,067	15,756	284,311	276,522
September	0	340,954	17,158	323,796	260,802
October	0	336,738	174	336,564	304,382
November					<b>System Sold</b>
December					
Total for year	0	3,397,215	112,815	3,284,400	2,944,293

If water is purchased for resale, indicate the following:

Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 County of Volusia

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



**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

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

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	29,836	29,836
3/4"	Displacement	1.5	3	5
1"	Displacement	2.5	754	1,885
1 1/2"	Displacement or Turbine	5.0	5	25
2"	Displacement, Compound or Turbine	8.0	8	64
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	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
<b>Total Residential Water System Meter Equivalents</b>			30,607	31,832

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
2,780,067,989	28,944	304	316

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	415	415
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	109	273
1 1/2"	Displacement or Turbine	5.0	32	160
2"	Displacement, Compound or Turbine	8.0	78	624
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	35	613
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	7	210
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			676	2,294

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	28,944
2. Maximum number of ERCs * which can be served **	33,119
3. Present system connection capacity (in ERCs *) using existing lines.	47,188
4. Future connection capacity (in ERCs *) upon service area buildout.	61,745
5. Estimated annual increase in ERCs *.	374
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	1500 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	
<b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3640287
12. Water Management District Consumptive Use Permit #	8658
a. Is the system in compliance with the requirements of the CUP?	N/A - system was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	5,262	5,262
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	22	55
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>5,317</b>

### 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:

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

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
	183,747,791	5,014	304	121

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	220	220
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	44	110
1 1/2"	Displacement or Turbine	5.0	16	80
2"	Displacement, Compound or Turb	8.0	20	160
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	6	105
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	5	150
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>825</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	1,400,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	CROM		
<b>Type (2)</b>	Contact Stabilization & Extended Aeration/Oxidation Ditch		
<b>Hydraulic Capacity (gpd)</b>	1,400,000		
<b>Average Daily Flow (mgd)</b>	1.232	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	336.612		
<b>Method of Effluent Disposal</b>	Public access reuse, Drainfield, Percolation Pond		

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

OTHER WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERC's * now being served.	5,014
2. Maximum number of ERC's * which can be served.	11,614 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	5,052
4. Future connection capacity (in ERCs*) upon service area buildout.***	8,163
5. Estimated annual increase in ERCs*	86
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. <b>Sold System</b>	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. See Exhibit Q-7	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No
If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse?	No
If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP?	December-02
11. If the present system does not meet the requirements of DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID #	FLA111724-01

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

\*\*\* Based on meter equivalency factors for ERCs



**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	547	0	547	469
February	0	508	0	508	481
March	0	528	0	528	390
April	0	729	43	686	512
May	0	854	43	811	676
June	0	647	43	604	681
July	0	544	43	501	470
August	0	388	43	345	401
September	0	460	43	417	348
October	0	501	43	458	478
November	0	500	43	457	472
December	0	542	43	499	523
Total for year	0	6,748	387	6,361	5,901

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

\* Emergency interconnect with City of Altamonte.

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	58	58
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	1	18
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			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:  
 $ERC = ( \text{Total SFR gallons sold (Omit 000)} / 365 \text{ days} / 350 \text{ gallons per day} )$

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
5,901,293	58	365	279

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	58
2. Maximum number of ERCs * which can be served **	323
3. Present system connection capacity (in ERCs *) using existing lines.	59
4. Future connection capacity (in ERCs *) upon service area buildout.	59
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590297
12. Water Management District Consumptive Use Permit #	3769
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	3,089	396	2,693	2,274
February	0	2,586	303	2,283	2,641
March	0	2,521	64	2,457	2,011
April	0	3,446	58	3,388	2,511
May	0	4,029	218	3,811	2,868
June	0	2,856	59	2,797	3,004
July	0	3,175	43	3,132	2,164
August	0	2,343	44	2,299	2,090
September	0	2,771	25	2,746	1,771
October	0	3,263	34	3,229	2,668
November	0	2,861	50	2,811	2,616
December	0	2,995	53	2,942	2,592
Total for year	0	35,935	1,348	34,587	29,209

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

\* Limited by High Service Pumps.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	218	218
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	27	68
1 1/2"	Displacement or Turbine	5.0	3	15
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
<b>Total Residential Water System Meter Equivalents</b>			251	312

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
28,486,231	242	365	322



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**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.	242
2. Maximum number of ERCs * which can be served **	279
3. Present system connection capacity (in ERCs *) using existing lines.	248
4. Future connection capacity (in ERCs *) upon service area buildout.	248
5. Estimated annual increase in ERCs *.	5
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	600 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590111
12. Water Management District Consumptive Use Permit #	3766
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	547	0	547	445
February	0	618	0	618	552
March	0	410	8	402	473
April	0	660	0	660	510
May	0	720	0	720	454
June	0	478	0	478	486
July	0	517	0	517	256
August	0	499	73	426	303
September	0	566	73	493	320
October	0	635	0	635	654
November	0	632	218	414	97
December	0	601	12	589	457
Total for year	0	6,882	383	6,499	5,009

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

<b>Capacity of Plant (GPD):</b>	* 288,000	(Peak Hour)
<b>Location of measurement (i.e. WellHead, Storage Tank):</b>	WellHead and/or Distribution	
<b>Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):</b>	Chlorination	
<b>LIME TREATMENT</b>		
<b>Unit rating (i.e., GPM, pounds per gallon):</b>	N/A	<b>Manufacturer:</b>
<b>FILTRATION</b>		
<b>Type and size of area:</b>		
<b>Pressure (in square feet):</b>	N/A	<b>Manufacturer:</b>
<b>Gravity (in GPM/square feet):</b>	N/A	<b>Manufacturer:</b>

\* Limited by Well.

\* Interconnected with Friendly Center.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	176	176
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			177	179

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
5,001,831	172	365	80

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	172
2. Maximum number of ERCs * which can be served **	904
3. Present system connection capacity (in ERCs *) using existing lines.	205
4. Future connection capacity (in ERCs *) upon service area buildout.	205
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	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	1,280	0	72	1,208	1,361
February	1,040	0	0	1,040	1,020
March	1,187	0	0	1,187	955
April	1,462	0	0	1,462	1,281
May	1,490	0	0	1,490	1,394
June	1,254	0	0	1,254	1,293
July	1,250	0	0	1,250	1,039
August	1,173	0	0	1,173	1,048
September	1,279	0	0	1,279	1,128
October	1,326	0	0	1,326	1,218
November	1,181	0	0	1,181	1,213
December	1,199	0	0	1,199	1,078
Total for year	15,121	0	72	15,049	14,028

If water is purchased for resale, indicate the following:  
 Vendor City of Altamonte Springs  
 Point of delivery 4 X 1 inch Neptune compound meter

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Interconnected with city of Altamonte Springs			



**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

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

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	172	172
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
<b>Total Residential Water System Meter Equivalents</b>			172	172

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
11,826,362	170	365	191

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	11	11
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
<b>Total Commercial Water System Meter Equivalents</b>			14	21

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	170
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	187
4. Future connection capacity (in ERCs *) upon service area buildout.	187
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590368
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	N/A
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	1,099	88	1,010	967
February	0	854	0	854	893
March	0	881	0	881	872
April	0	1,362	0	1,362	717
May	0	2,358	0	2,358	1,217
June	0	1,303	0	1,303	1,483
July	0	1,012	18	994	1,058
August	0	1,206	435	770	766
September	0	1,319	292	1,027	1,020
October	0	1,367	435	932	822
November	0	1,318	371	948	819
December	0	1,280	219	1,061	989
Total for year	0	15,358	1,858	13,500	11,625

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

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

\* Well

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	125	125
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			127	136

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

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

<b>Calculations: (a)</b>				
	<b>SFR Gallons Sold</b>	<b>Average Customers</b>	<b>Days</b>	<b>ERC</b>
	11,624,653	124	365	257

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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



**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	124
2. Maximum number of ERCs * which can be served **	252
3. Present system connection capacity (in ERCs *) using existing lines.	124
4. Future connection capacity (in ERCs *) upon service area buildout.	124
5. Estimated annual increase in ERCs *.	1
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350370
12. Water Management District Consumptive Use Permit #	2611
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	694	11	683	590
February	0	591	13	579	592
March	0	691	10	682	571
April	0	757	12	745	627
May	0	722	12	710	689
June	0	664	14	649	652
July	0	685	12	673	444
August					<b>System Sold</b>
September					
October					
November					
December					
Total for year	0	4,805	84	4,721	4,165

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
3,692,200	141	181	145

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	141
2. Maximum number of ERCs * which can be served **	498
3. Present system connection capacity (in ERCs *) using existing lines.	145
4. Future connection capacity (in ERCs *) upon service area buildout.	145
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	System Sold
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?	N/A - System was sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	144	144
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>144</b>

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

For wastewater only utilities:

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	2,874,250	140	181	113

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



**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	25,000		
<b>Basis of Permit Capacity (1)</b>	M3MADF		
<b>Manufacturer</b>	Defiance		
<b>Type (2)</b>	Extended Aeration w/tertiary filtration		
<b>Hydraulic Capacity (gpd)</b>	25,000		
<b>Average Daily Flow (mgd)</b>	0.016	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	2.982		
<b>Method of Effluent Disposal</b>	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.	140	
2. Maximum number of ERC's * which can be served.	178	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	140	
4. Future connection capacity (in ERCs*) upon service area buildout.***	140	
5. Estimated annual increase in ERCs*	<b>N/A - System was sold</b>	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.	<b>Sold System</b>	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No	
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?	No	
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?	March-99	
11. If the present system does not meet the requirements of DEP rules:	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #	FLA013858	

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

\*\*\* Based on meter equivalency factors for ERCs

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

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	15,475,100	51	365	831
* This system only has commercial customers				

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

YEAR OF REPORT December 31, 2003
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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	36	36
3/4"	Displacement	1.5	5	8
1"	Displacement	2.5	13	33
1 1/2"	Displacement or Turbine	5.0	7	35
2"	Displacement, Compound or Turb	8.0	7	56
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>197</b>

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

YEAR OF REPORT December 31, 2003
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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)	0.068	(Average of Max Month)	
Total Gallons of WW Treated (mg)	20.160		
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. 51
2. Maximum number of ERC's \* which can be served. 114 \*\*  
\*\* Note: SFR gallons sold is not representative of total ww flow at plant.
3. Present system connection capacity (in ERCs\*) using existing lines. 59
4. Future connection capacity (in ERCs\*) upon service area buildout.\*\*\* 66
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. See Exhibit Q-7
8. If the utility does not engage in reuse, has a reuse feasibility study been completed? No  
If so, when?
9. Has the utility been required by DEP or water management district to implement reuse? No  
If so, what are the utility's plans to comply with this requirement?
10. When did the company last file a capacity analysis report with the DEP? February-02
11. If the present system does not meet the requirements of DEP rules: N/A
  - a. Attach a description of the plant upgrade necessary to meet the DEP rules.
  - b. Have these plans been approved by DEP?
  - c. When will construction begin?
  - d. Attach plans for funding the required upgrading.
  - e. Is this system under any Consent Order with DEP?
12. Department of Environmental Protection ID # FLA011078

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

\*\*\* Based on meter equivalency factors for ERCs

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	974	1	973	944
February	0	926	1	925	880
March	0	1,010	1	1,009	840
April	0	1,142	2	1,140	1,069
May	0	1,246	2	1,244	1,017
June	0	1,052	0	1,052	1,138
July	0	1,039	0	1,039	928
August	0	1,035	0	1,035	1,000
September	0	1,060	0	1,060	907
October	0	1,176	0	1,176	991
November					<b>System Sold</b>
December					
Total for year	0	10,658	7	10,652	9,714

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

\* Wells



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	169	169
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
<b>Total Residential Water System Meter Equivalents</b>			169	169

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
9,705,840	164	304	195

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**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.	164
2. Maximum number of ERCs * which can be served **	296
3. Present system connection capacity (in ERCs *) using existing lines.	188
4. Future connection capacity (in ERCs *) upon service area buildout.	232
5. Estimated annual increase in ERCs *.	5
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	250 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3494328
12. Water Management District Consumptive Use Permit #	49-00977-W
a. Is the system in compliance with the requirements of the CUP?	N/A - System was sold
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	837	9	828	697
February	0	777	1	776	821
March	0	926	0	926	750
April	0	809	0	809	778
May	832	0	0	832	818
June	832	0	1	831	1,017
July					<b>System Sold</b>
August					
September					
October					
November					
December					
Total for year	1,664	3,349	12	5,002	4,881

If water is purchased for resale, indicate the following:  
 Vendor                                      Martin County Utilites  
 Point of delivery                         6" Interconnection

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
Interconnection to Martin Coutny			

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
4,881,300	111	181	243

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	111
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	121
4. Future connection capacity (in ERCs *) upon service area buildout.	121
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	500 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<b>System Sold</b>
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	4431700
12. Water Management District Consumptive Use Permit #	43-00602-W
a. Is the system in compliance with the requirements of the CUP?	N/A - System was sold
b. If not, what are the utility's plans to gain compliance?	

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



METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	112	112
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>112</b>

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	3,091,630	111	181	154

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

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

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

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

**OTHER WASTEWATER SYSTEM INFORMATION**

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

1. Present number of ERC's * now being served.	111	Interconnected
2. Maximum number of ERC's * which can be served.	N/A	**
** Note: SFR gallons sold is not representative of total ww flow at plant.		
3. Present system connection capacity (in ERCs*) using existing lines.	112	
4. Future connection capacity (in ERCs*) upon service area buildout.***	112	
5. Estimated annual increase in ERCs*	<b>N/A - System was sold</b>	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.	<b>Sold System</b>	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known.	N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No	
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?	No	
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?	N/A	
11. If the present system does not meet the requirements of DEP rules:	N/A	
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #	Interconnected	

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

\*\*\* Based on meter equivalency factors for ERCs

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

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	257	0	257	174
February	0	10	0	10	119
March	0	245	0	245	79
April	0	0	0	0	138
May	0	25	0	25	177
June	0	0	0	0	179
July	0	1	0	1	134
August	0	1	0	1	127
September	0	1	0	1	153
October	0	1	0	1	144
November	0	1	0	1	148
December	0	1	0	1	80
<b>Total Sold here for Friendly Center only</b>					
Total for year	0	542	0	542	1,652

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

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

\* Wells  
\* Interconnected with East Lake Harris.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	27	27
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or 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
<b>Total Residential Water System Meter Equivalents</b>			27	27

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

<b>Calculations: (a)</b>			
	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
1,194,841	28	365	117

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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



**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	28
2. Maximum number of ERCs * which can be served **	308
3. Present system connection capacity (in ERCs *) using existing lines.	43
4. Future connection capacity (in ERCs *) upon service area buildout.	43
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350426
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	1,109	1	1,108	908
February	0	907	0	907	895
March	0	1,188	0	1,188	822
April	0	1,562	0	1,562	897
May	0	2,069	0	2,069	1,380
June	0	1,254	0	1,254	1,706
July	0	1,050	0	1,050	1,091
August					<b>System Sold</b>
September					
October					
November					
December					
Total for year	0	9,137	1	9,136	7,700

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	107	107
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	4	32
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			111	139

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

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

Calculations: (a)	Average		
SFR Gallons Sold	Customers	Days	ERC
3,702,590	102	151	240

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	1	1
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	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
<b>Total Commercial Water System Meter Equivalents</b>			<b>4</b>	<b>22</b>

**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.	102
2. Maximum number of ERCs * which can be served **	150
3. Present system connection capacity (in ERCs *) using existing lines.	112
4. Future connection capacity (in ERCs *) upon service area buildout.	143
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	System Sold
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2041320
12. Water Management District Consumptive Use Permit #	2-91-00037
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
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	1,333	86	1,246	1,066
February	0	1,227	115	1,112	1,162
March	0	1,457	62	1,395	1,153
April	0	1,703	38	1,665	1,280
May	0	1,820	38	1,781	1,566
June	0	1,566	78	1,488	1,293
July	0	1,897	160	1,737	1,153
August	0	1,386	43	1,343	1,087
September	0	1,646	43	1,603	1,332
October	0	1,728	43	1,685	1,341
November	0	1,655	118	1,537	1,491
December	0	1,721	88	1,633	1,361
Total for year	0	19,139	913	18,225	15,288

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

<b>Capacity of Plant (GPD):</b>	* 100,800	(Reliable Peak Hour)
<b>Location of measurement (i.e. WellHead, Storage Tank):</b>	WellHead and/or Distribution	
<b>Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):</b>	Chlorination	
<b>LIME TREATMENT</b>		
<b>Unit rating (i.e., GPM, pounds per gallon):</b>	N/A	<b>Manufacturer:</b>
<b>FILTRATION</b>		
<b>Type and size of area:</b>		
<b>Pressure (in square feet):</b>	N/A	<b>Manufacturer:</b>
<b>Gravity (in GPM/square feet):</b>	N/A	<b>Manufacturer:</b>

\* Wells



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	157	157
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			161	173

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
12,704,020	157	365	222

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	21	21
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	4	10
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	2	16
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>27</b>	<b>47</b>

**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.	157
2. Maximum number of ERCs * which can be served **	114
3. Present system connection capacity (in ERCs *) using existing lines.	189
4. Future connection capacity (in ERCs *) upon service area buildout.	199
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. Line extension to service a territory franchise amendment.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	6530079
12. Water Management District Consumptive Use Permit #	209336.01
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	684	9	675	728
February	0	607	0	607	732
March	0	514	0	514	587
April	0	1,330	435	894	872
May	0	1,600	0	1,600	1,187
June	0	1,115	0	1,115	1,498
July	0	1,019	30	989	841
August	0	953	73	880	797
September	0	1,017	218	800	776
October	0	1,018	292	726	719
November	0	801	73	728	660
December	0	871	0	871	777
Total for year	0	11,527	1,130	10,398	10,173

If water is purchased for resale, indicate the following:

Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

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

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

Capacity of Plant (GPD):	* 864,000	(Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

\* Well

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
10,173,434	111	365	251

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	111
2. Maximum number of ERCs * which can be served **	860
3. Present system connection capacity (in ERCs *) using existing lines.	111
4. Future connection capacity (in ERCs *) upon service area buildout.	111
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required? 500 gpm	
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3354697
12. Water Management District Consumptive Use Permit #	2488
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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



**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	97	254	0	351	339
February	0	363	0	363	305
March	0	371	0	371	295
April	0	413	100	313	394
May	0	485	43	442	402
June	5	425	0	430	453
July	0	430	0	430	353
August	0	398	0	398	402
September	0	389	0	389	357
October	0	407	0	407	344
November	0	395	0	395	395
December	0	392	0	392	391
Total for year	102	4,722	143	4,680	4,431

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

\* Well

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	64	64
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			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:  

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

<b>Calculations: (a)</b>				
	<b>SFR Gallons Sold</b>	<b>Average Customers</b>	<b>Days</b>	<b>ERC</b>
	4,431,210	61	365	199

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	61
2. Maximum number of ERCs * which can be served **	543
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? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590497
12. Water Management District Consumptive Use Permit #	8357
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	1,516	0	1,516	669
February	0	1,112	0	1,112	715
March	0	1,393	0	1,393	630
April	0	1,350	0	1,350	729
May	0	1,522	0	1,522	780
June	0	976	0	976	741
July	0	1,076	0	1,076	632
August	0	725	4	722	639
September	0	686	0	686	629
October	0	754	0	754	755
November	0	763	8	755	665
December	0	743	4	740	755
Total for year	0	12,616	15	12,601	8,339

If water is purchased for resale, indicate the following:

Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

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

**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

<b>Capacity of Plant (GPD):</b>	* 230,400	(Reliable Peak Hour Capacity)
<b>Location of measurement (i.e. WellHead, Storage Tank):</b>	WellHead and/or Distribution	
<b>Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):</b>	Chlorination and Aeration	
<b>LIME TREATMENT</b>		
<b>Unit rating (i.e., GPM, pounds per gallon):</b>	N/A	<b>Manufacturer:</b>
<b>FILTRATION</b>		
<b>Type and size of area:</b>		
<b>Pressure (in square feet):</b>	N/A	<b>Manufacturer:</b>
<b>Gravity (in GPM/square feet):</b>	N/A	<b>Manufacturer:</b>

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	284	284
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
<b>Total Residential Water System Meter Equivalents</b>			284	284

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
8,101,630	275	365	81



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	275
2. Maximum number of ERCs * which can be served **	714
3. Present system connection capacity (in ERCs *) using existing lines.	422
4. Future connection capacity (in ERCs *) upon service area buildout.	496
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	
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 #.	2540482
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	606	78	528	440
February	0	602	73	529	518
March	0	748	291	458	404
April	0	758	0	758	697
May	0	1,134	434	700	561
June	0	807	0	807	948
July	0	739	0	739	1,066
August	0	757	218	539	255
September	0	795	73	722	666
October	0	689	73	616	563
November	0	641	73	568	497
December	0	656	74	582	577
Total for year	0	8,933	1,386	7,547	7,193

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	105	105
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			105	105

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
7,156,924	95	365	206

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	95
2. Maximum number of ERCs * which can be served **	262
3. Present system connection capacity (in ERCs *) using existing lines.	105
4. Future connection capacity (in ERCs *) upon service area buildout.	105
5. Estimated annual increase in ERCs *.	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.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350544
12. Water Management District Consumptive Use Permit #	2613
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? 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	456	0	1	455	416
February	446	0	4	442	422
March	488	0	1	487	371
April	503	0	1	502	426
May	532	0	2	531	445
June	538	0	3	535	501
July	493	0	136	357	378
August	436	0	3	433	368
September	429	0	0	428	358
October	442	0	0	442	334
November	420	0	1	419	357
December	533	0	92	441	422
Total for year	5,716	0	244	5,471	4,796

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

If water is purchased for resale, indicate the following:  
 Vendor                                      Astor-Astor Park Water Association  
 Point of delivery                          4" Compound Meter @ 55802 Fern Road

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

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



### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	125	125
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
<b>Total Residential Water System Meter Equivalents</b>			125	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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
4,510,042	119	365	104

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**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.	194
4. Future connection capacity (in ERCs *) upon service area buildout.	194
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3354886
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	109	109
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>109</b>

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

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

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

For wastewater only utilities:

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	3,287,570	102	365	88

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

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	25,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	DAVCO		
<b>Type (2)</b>	Extended Aeration		
<b>Hydraulic Capacity (gpd)</b>	25,000		
<b>Average Daily Flow (mgd)</b>	0.029	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	6.750		
<b>Method of Effluent Disposal</b>	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.	102
2. Maximum number of ERC's * which can be served.	283 **
** Note: SFR gallons sold is not representative of total ww flow at plant.	
3. Present system connection capacity (in ERCs*) using existing lines.	131
4. Future connection capacity (in ERCs*) upon service area buildout.***	187
5. Estimated annual increase in ERCs*	0
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. Lift Station upgrade	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No
If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse?	No
If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP?	February-01
11. If the present system does not meet the requirements of DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID #	FLA010655

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

\*\*\* Based on meter equivalency factors for ERCs



**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	171	9	162	623
February	0	138	0	138	767
March	0	118	0	118	726
April	0	160	0	160	776
May	0	238	0	238	761
June	0	146	0	146	860
July	0	89	0	89	568
August	0	41	0	41	537
September	0	86	0	85	499
October	0	73	6	67	489
November	0	71	6	65	665
December	0	61	1	59	773
Total for year	0	1,392	23	1,369	8,044

If water is purchased for resale, indicate the following:  
 Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

List for each source of supply:	CAPACITY OF WELL gpm	GALLONS PER DAY FROM SOURCE	TYPE OF SOURCE
Well #1	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	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	243	243
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			245	248

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
8,044,150	243	365	91

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	243
2. Maximum number of ERCs * which can be served **	365
3. Present system connection capacity (in ERCs *) using existing lines.	251
4. Future connection capacity (in ERCs *) upon service area buildout.	251
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3350584
12. Water Management District Consumptive Use Permit #	4493
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? 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	1,421	77	1,345	1,285
February	0	1,190	55	1,134	1,193
March	0	1,503	49	1,454	1,082
April	0	1,585	247	1,337	1,354
May	0	1,789	72	1,717	1,254
June	0	1,449	75	1,374	1,484
July	0	1,747	7	1,739	1,219
August	0	1,506	0	1,506	1,333
September	0	1,378	162	1,216	1,239
October	0	1,384	99	1,286	1,225
November					<b>System Sold</b>
December					
Total for year	0	14,951	843	14,108	12,668

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	294	294
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
<b>Total Residential Water System Meter Equivalents</b>			294	294

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
10,962,640	235	304	153



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	14	14
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
<b>Total Commercial Water System Meter Equivalents</b>			15	17

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	235
2. Maximum number of ERCs * which can be served **	176
3. Present system connection capacity (in ERCs *) using existing lines.	340
4. Future connection capacity (in ERCs *) upon service area buildout.	421
5. Estimated annual increase in ERCs *.	5
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	4490673
12. Water Management District Consumptive Use Permit #	49-00970-W
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
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-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	1,244	0	1,244	1,141
February	0	993	1	992	1,051
March	0	1,131	0	1,131	899
April	0	1,221	1	1,220	1,078
May	0	1,700	2	1,698	1,254
June	0	1,354	0	1,354	1,284
July	0	1,541	5	1,536	1,283
August	0	1,217	4	1,213	1,096
September	0	1,116	0	1,116	1,022
October	0	1,059	4	1,056	1,049
November	0	1,066	0	1,066	1,024
December	0	1,027	4	1,024	1,011
Total for year	0	14,668	20	14,648	13,132

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

\* High Service

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	278	278
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
<b>Total Residential Water System Meter Equivalents</b>			278	278

**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
12,598,736	267	365	129

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**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.	267
2. Maximum number of ERCs * which can be served **	529
3. Present system connection capacity (in ERCs *) using existing lines.	366
4. Future connection capacity (in ERCs *) upon service area buildout.	366
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. Relocate water mains along SR 20 estimated to be completed by EOY 2004.	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2540545
12. Water Management District Consumptive Use Permit #	7986
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? 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.





**WATER TREATMENT PLANT INFORMATION**

Provide a separate sheet for each water treatment facility

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	113	113
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			113	113

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
2,052,391	113	365	50

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present ERC's * that system can efficiently serve.	113
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	128
4. Future connection capacity (in ERCs *) upon service area buildout.	128
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3644127
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	134	134
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				<b>134</b>

**CALCULATION OF THE WASTEWATER SYSTEMS  
 EQUIVALENT RESIDENTIAL CONNECTIONS**

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

Use one of the following methods:

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

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

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

For wastewater only utilities:

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

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

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

Calculations:	SFR Gallons Sold	Average Customers	Days	ERC
	2,775,320	131	365	58

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

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	21,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	DAVCO		
<b>Type (2)</b>	Extended Aeration		
<b>Hydraulic Capacity (gpd)</b>	21,000		
<b>Average Daily Flow (mgd)</b>	0.031	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	4.423		
<b>Method of Effluent Disposal</b>	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.	131	
2. Maximum number of ERC's * which can be served.	362	**
<small>** Note: SFR gallons sold is not representative of total ww flow at plant.</small>		
3. Present system connection capacity (in ERCs*) using existing lines.	143	
4. Future connection capacity (in ERCs*) upon service area buildout.***	156	
5. Estimated annual increase in ERCs*	0	
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. None		
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A		
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?		No
If so, when?		
9. Has the utility been required by DEP or water management district to implement reuse?		No
If so, what are the utility's plans to comply with this requirement?		
10. When did the company last file a capacity analysis report with the DEP?		June-00
11. If the present system does not meet the requirements of DEP rules:		N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.		
b. Have these plans been approved by DEP?		
c. When will construction begin?		
d. Attach plans for funding the required upgrading.		
e. Is this system under any Consent Order with DEP?		
12. Department of Environmental Protection ID #	FLA011261	

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

\*\*\* Based on meter equivalency factors for ERCs



**PUMPING AND PURCHASED WATER STATISTICS**  
 SYSTEM IS ITERCONNECTED 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	3,673	240	3,433	794
February	0	2,299	237	2,062	678
March	0	2,939	171	2,768	670
April	0	3,876	181	3,695	674
May	0	5,904	266	5,637	1,078
June	0	3,245	377	2,868	1,337
July	0	4,142	191	3,952	883
August					<b>System sold</b>
September					
October					
November					
December					
<b>Total Sold here for Keystone Club only</b>					
Total for year	0	26,078	1,663	24,415	6,113

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	450	648,000	Deep Well

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

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

- \* Wells
- \* Interconnected with Keystone Heights.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	187	187
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
<b>Total Residential Water System Meter Equivalents</b>			194	210

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>			
SFR Gallons Sold	Customers	Days	ERC	
3,486,010	164	151	141	

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	164
2. Maximum number of ERCs * which can be served **	895
3. Present system connection capacity (in ERCs *) using existing lines.	170
4. Future connection capacity (in ERCs *) upon service area buildout.	170
5. Estimated annual increase in ERCs *.	N/A system was sold
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	System Sold
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2040412
12. Water Management District Consumptive Use Permit #	431
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
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.



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

\* Wells  
\* Interconnected with Keystone Club Estates.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	990	990
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			993	1,003

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
32,029,270	946	151	224



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	946
2. Maximum number of ERCs * which can be served **	401
3. Present system connection capacity (in ERCs *) using existing lines.	1,038
4. Future connection capacity (in ERCs *) upon service area buildout.	1,222
5. Estimated annual increase in ERCs *.	<b>N/A system was sold</b>
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	1000 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<b>System Sold</b>
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2100610
12. Water Management District Consumptive Use Permit #	431
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
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.



### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	65	65
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
<b>Total Residential Water System Meter Equivalents</b>			65	65

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
3,292,250	60	365	150

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	60
2. Maximum number of ERCs * which can be served **	N/A
3. Present system connection capacity (in ERCs *) using existing lines.	63
4. Future connection capacity (in ERCs *) upon service area buildout.	63
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3054101
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	
b. If not, what are the utility's plans to gain compliance?	

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	840	10	830	847
February	0	795	12	783	816
March	0	860	18	842	780
April	0	1,058	15	1,043	924
May	0	1,369	21	1,348	1,058
June	0	960	0	960	1,198
July	0	878	0	878	836
August	0	834	0	834	835
September	0	951	0	951	757
October	0	1,010	0	1,010	985
November					<b>System Sold</b>
December					
Total for year	0	9,554	76	9,478	9,036

If water is purchased for resale, indicate the following:

Vendor N/A  
 Point of delivery N/A

If water is sold to other water utilities for redistribution, list names of such utilities below:  
 N/A

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



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

Capacity of Plant (GPD):	* 230,400	(Reliable Peak Hour)
Location of measurement (i.e. WellHead, Storage Tank):	WellHead and/or Distribution	
Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc.):	Chlorination and Aeration	
<b>LIME TREATMENT</b>		
Unit rating (i.e., GPM, pounds per gallon):	N/A	Manufacturer:
<b>FILTRATION</b>		
Type and size of area:		
Pressure (in square feet):	N/A	Manufacturer:
Gravity (in GPM/square feet):	N/A	Manufacturer:

\* Limited by High Service Pumps

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	100	100
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	1	3
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			102	108

**CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION**

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

Use one of the following methods:

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

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
9,035,730	98	304	303

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	98
2. Maximum number of ERCs * which can be served **	190
3. Present system connection capacity (in ERCs *) using existing lines.	98
4. Future connection capacity (in ERCs *) upon service area buildout.	98
5. Estimated annual increase in ERCs *.	1
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	250 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	
<b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3491956
12. Water Management District Consumptive Use Permit #	49-00415-W
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
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.



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

\* High Service

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	70	70
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	1	8
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
5,253,236	66	365	218

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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



**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	66
2. Maximum number of ERCs * which can be served **	165
3. Present system connection capacity (in ERCs *) using existing lines.	78
4. Future connection capacity (in ERCs *) upon service area buildout.	78
5. Estimated annual increase in ERCs *.	2
6. Is the utility required to have fire flow capacity? No If so, how much capacity is required?	
7. Attach a description of the fire fighting facilities. N/A	
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. None	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590685
12. Water Management District Consumptive Use Permit #	8361
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? 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	7,089	161	6,928	5,869
February	0	6,462	157	6,305	5,569
March	0	7,131	156	6,975	6,318
April	0	7,974	470	7,504	4,866
May	0	8,671	164	8,507	6,781
June	0	6,974	161	6,813	7,221
July	0	6,906	159	6,747	5,663
August	0	7,132	633	6,498	5,464
September	0	7,753	721	7,032	5,096
October	0	7,140	159	6,982	6,248
November	0	6,744	157	6,587	5,688
December	0	6,952	455	6,497	5,839
Total for year	0	86,927	3,552	83,375	70,622

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

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	822	822
3/4"	Displacement	1.5	2	3
1"	Displacement	2.5	4	10
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
<b>Total Residential Water System Meter Equivalents</b>			828	835

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
<b>SFR Gallons Sold</b>	<b>Customers</b>	<b>Days</b>	<b>ERC</b>
67,782,548	808	365	230

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	11	11
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turbine	8.0	3	24
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			19	49

**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.	808
2. Maximum number of ERCs * which can be served **	627
3. Present system connection capacity (in ERCs *) using existing lines.	817
4. Future connection capacity (in ERCs *) upon service area buildout.	836
5. Estimated annual increase in ERCs *.	1
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required? 500 gpm	
7. Attach a description of the fire fighting facilities.	
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 #.	6532347
12. Water Management District Consumptive Use Permit #	207878.02
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance? withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.	It should be noted that

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	316	316
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Wastewater System Meter Equivalents</b>				316

**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
	17,188,800	303	365	155

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	2	2
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	1	5
2"	Displacement, Compound or Turb	8.0	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
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>15</b>



**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

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

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

(2) Contact stabilization, advanced treatment, etc.

\* Interconnected with Polk county as of August 2002

### OTHER WASTEWATER SYSTEM INFORMATION

Furnish information below for each system. A separate page should be supplied where necessary.	
1. Present number of ERC's * now being served.	303 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.	299
4. Future connection capacity (in ERCs*) upon service area buildout.***	299
5. Estimated annual increase in ERCs*	0
6. Describe any plans and estimate completion dates for any enlargements or improvements of this system. None	
7. If the utility uses reuse as a means of effluent disposal, attach a list of the reuse end users and the amount of reuse provided to each, if known. N/A	
8. If the utility does not engage in reuse, has a reuse feasibility study been completed?	No
If so, when?	
9. Has the utility been required by DEP or water management district to implement reuse?	No
If so, what are the utility's plans to comply with this requirement?	
10. When did the company last file a capacity analysis report with the DEP?	April-99
11. If the present system does not meet the requirements of DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
12. Department of Environmental Protection ID #	Interconnected

\* An ERC is determined based on the calculation on S-11  
 \*\*\* Based on meter equivalency factors for ERCs



### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

\* Limited by High Service

\* Emergency Interconnect with Altamonte Springs.

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	279	279
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
<b>Total Residential Water System Meter Equivalents</b>			279	279

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
22,021,550	271	365	223

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	19	19
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	2	5
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Water System Meter Equivalents</b>			<b>21</b>	<b>24</b>

**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.	271
2. Maximum number of ERCs * which can be served **	647
3. Present system connection capacity (in ERCs *) using existing lines.	308
4. Future connection capacity (in ERCs *) upon service area buildout.	314
5. Estimated annual increase in ERCs *.	0
6. Is the utility required to have fire flow capacity? Yes	
If so, how much capacity is required?	600 gpm
7. Attach a description of the fire fighting facilities.	See W-14 Exhibit Q-7
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	None.
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	3590699
12. Water Management District Consumptive Use Permit #	8356
a. Is the system in compliance with the requirements of the CUP?	Yes,
b. If not, what are the utility's plans to gain compliance?	It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed periodically to ascertain whether modifications need to be filed with the water management district.

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [(b)+(c)-(d)] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	55	0	55	38
February	0	0	0	0	50
March	0	48	0	48	40
April	0	65	0	65	43
May	0	96	0	96	64
June	0	55	0	55	95
July	0	61	0	61	48
August					<b>System Sold</b>
September					
October					
November					
December					
Total for year	0	380	0	380	377

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

\* Well

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	16	16
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	0	0
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turbine	8.0	0	0
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	0	0
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			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
	234,560	12	151	129

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

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

**OTHER WATER SYSTEM INFORMATION**

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

1. Present ERC's * that system can efficiently serve.	12
2. Maximum number of ERCs * which can be served **	70
3. Present system connection capacity (in ERCs *) using existing lines.	26
4. Future connection capacity (in ERCs *) upon service area buildout.	30
5. Estimated annual increase in ERCs *.	<b>N/A system was sold</b>
6. Is the utility required to have fire flow capacity? If so, how much capacity is required?	No
7. Attach a description of the fire fighting facilities.	N/A
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.	<b>System Sold</b>
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	2104350
12. Water Management District Consumptive Use Permit #	N/A
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
b. If not, what are the utility's plans to gain compliance?	

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

**List for each source of supply:** \_\_\_\_\_

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

**PUMPING AND PURCHASED WATER STATISTICS**

MONTH (a)	WATER PURCHASED FOR RESALE (Omit 000's) (b)	FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c)	WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d)	TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e)	WATER SOLD TO CUSTOMERS (Omit 000's) (f)
January	0	61,485	8,581	52,903	49,960
February	0	58,403	9,763	48,640	52,444
March	0	65,422	4,333	61,089	47,966
April	0	64,231	10,717	53,514	52,812
May	0	62,787	4,810	57,977	51,527
June	0	58,849	9,346	49,503	49,704
July	0	60,533	2,355	58,179	46,349
August	0	60,369	5,940	54,430	44,562
September	0	58,107	10,296	47,811	46,385
October	0	64,215	1,278	62,937	48,793
November	0	61,248	829	60,419	53,044
December					<b>System Sold</b>
Total for year	0	675,650	68,247	607,402	543,545

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: Lehigh-1			

### WATER TREATMENT PLANT INFORMATION

Provide a separate sheet for each water treatment facility

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

\* Wells

**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	10,494	10,494
3/4"	Displacement	1.5	1	2
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	4	70
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30.0	0	0
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	0	0
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Residential Water System Meter Equivalents</b>			10,508	10,599

**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:  

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

<b>Calculations: (a)</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
441,670,058	10,180	334	130



**CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS**

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF METERS (d) **	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	358	358
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	79	198
1 1/2"	Displacement or Turbine	5.0	45	225
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	14	245
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
<b>Total Commercial Water System Meter Equivalents</b>			556	1,576

**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.	10,180
2. Maximum number of ERCs * which can be served **	10,808
3. Present system connection capacity (in ERCs *) using existing lines.	10,703
4. Future connection capacity (in ERCs *) upon service area buildout.	107,030
5. Estimated annual increase in ERCs *.	94
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. <b>System Sold</b>	
9. When did the company last file a capacity analysis report with the DEP?	N/A
10. If the present system does not meet the requirements of the DEP rules:	N/A
a. Attach a description of the plant upgrade necessary to meet the DEP rules.	
b. Have these plans been approved by DEP?	
c. When will construction begin?	
d. Attach plans for funding the required upgrading.	
e. Is this system under any Consent Order with DEP?	
11. Department of Environmental Protection ID #.	5360172
12. Water Management District Consumptive Use Permit #	36-00166-W
a. Is the system in compliance with the requirements of the CUP?	N/A - System Sold
b. If not, what are the utility's plans to gain compliance?	

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

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	8,591	8,591
3/4"	Displacement	1.5	0	0
1"	Displacement	2.5	3	8
1 1/2"	Displacement or Turbine	5.0	0	0
2"	Displacement, Compound or Turb	8.0	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
<b>Total Residential Wastewater System Meter Equivalents</b>				8,607

### 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.

<b>Calculations:</b>	<b>Average</b>		
SFR Gallons Sold	Customers	Days	ERC
280,371,192	8,080	334	104

METER SIZE (a)	TYPE OF METER* (b)	EQUIVALENT FACTOR (c)	NUMBER OF WATER METERS (d)	TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e)
5/8"	Displacement	1.0	243	243
3/4"	Displacement	1.5	1	2
1"	Displacement	2.5	54	135
1 1/2"	Displacement or Turbine	5.0	37	185
2"	Displacement, Compound or Turb	8.0	28	224
3"	Displacement	15.0	0	0
3"	Compound	16.0	0	0
3"	Turbine	17.5	9	158
4"	Displacement or Compound	25.0	0	0
4"	Turbine	30	1	30
6"	Displacement or Compound	50.0	0	0
6"	Turbine	62.5	1	63
8"	Compound	80.0	0	0
8"	Turbine	90.0	0	0
10"	Compound	115.0	0	0
10"	Turbine	145.0	0	0
12"	Turbine	215.0	0	0
<b>Total Commercial Wastewater System Meter Equivalents</b>				<b>1,039</b>

**TREATMENT PLANT**

Provide a separate sheet for each wastewater treatment facility

<b>Permitted Capacity (gpd)</b>	2,350,000		
<b>Basis of Permit Capacity (1)</b>	AADF		
<b>Manufacturer</b>	Clow	Davco	
<b>Type (2)</b>	Contact Stabilization w/tertiary filtration		
<b>Hydraulic Capacity (gpd)</b>	2,350,000		
<b>Average Daily Flow (mgd)</b>	3.316	(Average of Max Month)	
<b>Total Gallons of WW Treated (mg)</b>	680.223		
<b>Method of Effluent Disposal</b>	Percolation Ponds, Golf Courses		

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

**OTHER WASTEWATER SYSTEM INFORMATION**

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

1. Present number of ERC's \* now being served. 8,080

2. Maximum number of ERC's \* which can be served. 22,620 \*\*  
\*\* Note: SFR gallons sold is not representative of total ww flow at plant.

3. Present system connection capacity (in ERCs\*) using existing lines. 11,140

4. Future connection capacity (in ERCs\*) upon service area buildout.\*\*\* 107,231

5. Estimated annual increase in ERCs\* 67

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.  
**Sold System**

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

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

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

10. When did the company last file a capacity analysis report with the DEP? July-03

11. If the present system does not meet the requirements of DEP rules: N/A - System was sold  
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