UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

## 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 | 6,264 | 91 | 6,173 | 5,779 |
| February | 0 | 5,523 | 474 | 5,049 | 5,737 |
| March | 0 | 7,020 | 568 | 6,452 | 4,974 |
| April | 0 | 7,948 | 128 | 7,820 | 6,500 |
| May | 0 | 8,626 | 119 | 8,507 | 7,791 |
| June | 0 | 7,752 | 107 | 7,645 | 7,918 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 43,133 | 1,487 | 41,646 | 38,700 |

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 | 1,080 | 1,555,200 | Deep Well |
| Well # 2 | 300 | 432,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

# 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 and Aeration

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* High Service

* Interconnected with Sanlando.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

## 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 | 604 | 604 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 7 | 18 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 1 | 8 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 612 | 630 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

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

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

| Calculations: (a) | | Average | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Customers | Days | ERC |
| | 28,879,601 | 565 | 181 | 282 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

## 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 | 40 | 40 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 14 | 35 |
| 1 1/2" | Displacement or Turbine | 5.0 | 12 | 60 |
| 2" | Displacement, Compound or Turbine | 8.0 | 4 | 32 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 70 | 167 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 565
2. Maximum number of ERCs * which can be served ** 446
3. Present system connection capacity (in ERCs *) using existing lines. 586
4. Future connection capacity (in ERCs *) upon service area buildout. 617
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3590823
12. Water Management District Consumptive Use Permit # 8359
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

YEAR OF REPORT
June 30, 2004

| METER SIZE (a) | TYPE OF METER* (b) | EQUIVALENT FACTOR (c) | NUMBER OF WATER METERS (d) | TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e) |
|---|---|---|---|---|
| 5/8" | Displacement | 1.0 | 24 | 24 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 27 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
|---|---|---|---|---|
| | 841,050 | 25 | 181 | 186 |

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330**

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

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

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

(2) Contact stabilization, advanced treatment, etc.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: MEREDITH MANOR / SEMINOLE #330**

YEAR OF REPORT
June 30, 2004

## 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. 25 Interconnect

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. 35

4. Future connection capacity (in ERCs*) upon service area buildout.*** 35

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

## 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 | 248 | 1 | 247 | 288 |
| February | 0 | 200 | 1 | 199 | 204 |
| March | 0 | 285 | 1 | 283 | 185 |
| April | 0 | 299 | 1 | 298 | 259 |
| May | 0 | 336 | 1 | 335 | 257 |
| June | 0 | 289 | 2 | 287 | 339 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 1,658 | 8 | 1,649 | 1,532 |

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 | 425 | 612,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 612,000 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

## 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 | 0 | 0 |
| 1" | Displacement | 2.5 | 5 | 13 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 36 | 44 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

**Calculations: (a)**

| SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|
| 1,532,120 | 34 | 181 | 249 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 34
2. Maximum number of ERCs * which can be served ** 615
3. Present system connection capacity (in ERCs *) using existing lines. 40
4. Future connection capacity (in ERCs *) upon service area buildout. 40
5. Estimated annual increase in ERCs *. System 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.
   System under new ownership, sold 06/30/2004
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 #. 3350852
12. Water Management District Consumptive Use Permit # 2610
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

| 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 | 31 | 31 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 5 | 13 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 44 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
|---|---|---|---|---|
| | 862,290 | 33 | 181 | 144 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562

YEAR OF REPORT
June 30, 2004

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
|---|---|---|---|
| **Permitted Capacity (gpd)** | 20,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | Defiance | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 20,000 | | |
| **Average Daily Flow (mgd)** | 0.007 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 1.096 | | |
| **Method of Effluent Disposal** | Percolation Pond | | |

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

(2) Contact stabilization, advanced treatment, etc.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: MORNINGVIEW / LAKE #562**

YEAR OF REPORT
June 30, 2004

# 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. 33

2. Maximum number of ERC's * which can be served. 139 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 33

4. Future connection capacity (in ERCs*) upon service area buildout.*** 39

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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-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 # FLA010610

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT
June 30, 2004

## 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 | 923 | 0 | 0 | 923 | 1,009 |
| February | 694 | 0 | 20 | 674 | 955 |
| March | 943 | 0 | 0 | 943 | 872 |
| April | 1,026 | 0 | 0 | 1,026 | 1,015 |
| May | 1,046 | 0 | 0 | 1,046 | 936 |
| June | 882 | 0 | 0 | 882 | 1,026 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 5,516 | 0 | 20 | 5,495 | 5,813 |

If water is purchased for resale, indicate the following:

| | |
|---|---|
| Vendor | Brevard County Utilities |
| Point of delivery | 4" Compound meter @ entrance to Oakwood subdivision |

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

| List for each source of supply: | CAPACITY OF WELL gpm | GALLONS PER DAY FROM SOURCE | TYPE OF SOURCE |
|---|---|---|---|
| Interconnected with Brevard County Utilities | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT
June 30, 2004

# 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

## LIME TREATMENT

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

## FILTRATION

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT
June 30, 2004

## 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 | 251 | 251 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 252 | 254 |

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Average Customers | Days | ERC |
| | 5,767,520 | 209 | 181 | 152 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: OAKWOOD / BREVARD #1702

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 209
2. Maximum number of ERCs * which can be served ** N/A
3. Present system connection capacity (in ERCs *) using existing lines. 227
4. Future connection capacity (in ERCs *) upon service area buildout. 227
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3054100
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 / POLK

YEAR OF REPORT
June 30, 2004

## 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 | 1,523 | 27 | 1,496 | 1,423 |
| February | 0 | 1,401 | 27 | 1,373 | 1,342 |
| March | 0 | 1,858 | 27 | 1,830 | 1,258 |
| April | 0 | 2,387 | 138 | 2,249 | 1,586 |
| May | 0 | 2,439 | 28 | 2,411 | 2,289 |
| June | 0 | 2,003 | 194 | 1,809 | 2,259 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 11,610 | 442 | 11,168 | 10,156 |

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 | Orange Hill | 170 | 244,800 | Deep Well |
| Well # 1 | Sugar Creek | 56 | 80,640 | Deep Well |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 / POLK

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 325,440 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 / POLK

YEAR OF REPORT
June 30, 2004

## 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 | 245 | 245 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 245 | 245 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 10,156,320 | 230 | 181 | 244 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 / POLK

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ORANGE HILL #214 / SUGAR CREEK #212 / POLK

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 230
2. Maximum number of ERCs * which can be served ** 333
3. Present system connection capacity (in ERCs *) using existing lines. 513
4. Future connection capacity (in ERCs *) upon service area buildout. 513
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 6531734
12. Water Management District Consumptive Use Permit # 207653.02
    a. Is the system in compliance with the requirements of the CUP? Yes,
    b. If not, what are the utility's plans to gain compliance? It should be noted that withdrawal quantities are dynamic and may fluctuate beyond permitted quantities during the duration of the permit. Permits are reviewed peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

## 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 | 432 | 4 | 428 | 456 |
| February | 0 | 407 | 4 | 404 | 441 |
| March | 0 | 468 | 0 | 468 | 361 |
| April | 0 | 494 | 0 | 494 | 382 |
| May | 0 | 465 | 0 | 465 | 550 |
| June | 0 | 388 | 0 | 388 | 400 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 2,654 | 8 | 2,646 | 2,590 |

If water is purchased for resale, indicate the following:

| | |
|---|---|
| Vendor | N/A |
| Point of delivery | N/A |

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

N/A

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 86,400 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Aeration

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* High Service

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

## 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 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 107 | 107 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

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

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

| Calculations: (a) | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 2,607,720 | 107 | 181 | 135 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 107
2. Maximum number of ERCs * which can be served ** 160
3. Present system connection capacity (in ERCs *) using existing lines. 137
4. Future connection capacity (in ERCs *) upon service area buildout. 137
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2540865
12. Water Management District Consumptive Use Permit # 8127
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

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

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| Calculations: | SFR Gallons Sold | Average Customers | Days | ERC |
| --- | --- | --- | --- | --- |
| | 2,228,450 | 106 | 181 | 116 |

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440**

| YEAR OF REPORT |
|---|
| June 30, 2004 |

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
| --- | --- | --- | --- |
| **Permitted Capacity (gpd)** | 30,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | DEFIANCE | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 30,000 | | |
| **Average Daily Flow (mgd)** | 0.018 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 2.634 | | |
| **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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM PORT / PUTNAM #440

YEAR OF REPORT
June 30, 2004

## 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. 106

2. Maximum number of ERC's * which can be served. 260 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 134

4. Future connection capacity (in ERCs*) upon service area buildout.*** 135

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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? 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.
    b. Have these plans been approved 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 # FLA011742

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

## 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 | 4,955 | 1,450 | 454 | 5,950 | 5,088 |
| February | 4,309 | 1,432 | 965 | 4,775 | 5,353 |
| March | 4,396 | 1,967 | 308 | 6,055 | 5,068 |
| April | 4,261 | 2,041 | 39 | 6,263 | 5,446 |
| May | 4,370 | 2,033 | 38 | 6,365 | 6,418 |
| June | 4,104 | 1,956 | 0 | 6,060 | 6,120 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 26,395 | 10,878 | 1,805 | 35,469 | 33,494 |

If water is purchased for resale, indicate the following:

| | |
|---|---|
| Vendor | Pasco County and City of New Port Richey |
| Point of delivery | 3 X 4" Compound meters |

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 | 160 | 230,400 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 230,400 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

* Interconnected with Pasco County

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

## 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 | 1,197 | 1,197 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 1 | 18 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 1,198 | 1,215 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 32,056,310 | 1,179 | 181 | 150 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 8 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 4 | 11 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 1,179
2. Maximum number of ERCs * which can be served ** N/A - Interconnected
3. Present system connection capacity (in ERCs *) using existing lines. 1,217
4. Future connection capacity (in ERCs *) upon service area buildout. 1,217
5. Estimated annual increase in ERCs *. System 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.
   System under new ownership, sold 06/30/2004
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 #. 6511331
12. Water Management District Consumptive Use Permit # 20003759.003
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

| 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 | 1,032 | 1,032 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 1,032 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
|---|---|---|---|---|
| | 21,813,585 | 1,024 | 181 | 118 |

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429**

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

## TREATMENT PLANT

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
|---|---|---|---|
| **Permitted Capacity (gpd)** | 130,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | MARLOF | | |
| **Type (2)** | Type II Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 130,000 | | |
| **Average Daily Flow (mgd)** | 0.129 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 22.167 | | |
| **Method of Effluent Disposal** | Ponds, Sprayfield | | |

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

(2) Contact stabilization, advanced treatment, etc.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALM TERRACE / PASCO #1429

YEAR OF REPORT
June 30, 2004

# 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. 1,024

2. Maximum number of ERC's * which can be served. 1,111 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 1,024

4. Future connection capacity (in ERCs*) upon service area buildout.*** 1,024

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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-98

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 # FLA012773

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

*** Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT
June 30, 2004

## 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 | 348 | 145 | 203 | 125 |
| February | 0 | 324 | 127 | 196 | 128 |
| March | 0 | 330 | 82 | 248 | 143 |
| April | 0 | 265 | 80 | 185 | 159 |
| May | 0 | 200 | 76 | 124 | 115 |
| June | 0 | 238 | 86 | 152 | 78 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 1,705 | 596 | 1,108 | 749 |

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 | 130 | 187,200 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 187,200 (Peak Hour)

**Location of measurement (i.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Iron Removal

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT
June 30, 2004

## 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 | 63 | 63 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 63 | 63 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 749,010 | 60 | 181 | 69 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PALMS MOBILE HOME PARK / LAKE #559

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Aseparate 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 ** 679
3. Present system connection capacity (in ERCs *) using existing lines. 84
4. Future connection capacity (in ERCs *) upon service area buildout. 84
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3350981
12. Water Management District Consumptive Use Permit # 2612
    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 peridically 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.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444**

| YEAR OF REPORT |
|---|
| June 30, 2004 |

| 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 | 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 Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 27 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | | | | |
|---|---|---|---|---|
| | **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
| | 626,620 | 27 | 181 | 128 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

YEAR OF REPORT
June 30, 2004

| 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 | 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 Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Wastewater System Meter Equivalents** | | | | 8 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

## TREATMENT PLANT

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
| --- | --- | --- | --- |
| **Permitted Capacity (gpd)** | 15,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | DEFIANCE | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 15,000 | | |
| **Average Daily Flow (mgd)** | 0.002 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 0.361 | | |
| **Method of Effluent Disposal** | Percolation Pond | | |

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PARK MANOR / PUTNAM #444

YEAR OF REPORT
June 30, 2004

## 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. 27

2. Maximum number of ERC's * which can be served. 118 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 29

4. Future connection capacity (in ERCs*) upon service area buildout.*** 29

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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? October-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 # FLA011706

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT
June 30, 2004

## 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 | 1,029 | 0 | 1,029 | 906 |
| February | 0 | 847 | 0 | 847 | 851 |
| March | 0 | 1,159 | 0 | 1,159 | 691 |
| April | 0 | 1,255 | 0 | 1,255 | 1,166 |
| May | 0 | 1,364 | 0 | 1,364 | 1,066 |
| June | 0 | 1,114 | 0 | 1,114 | 1,223 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 6,768 | 0 | 6,768 | 5,903 |

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 | 100 | 144,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 144,000 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT
June 30, 2004

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

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

**Calculations: (a)**

| SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|
| 5,902,752 | 139 | 181 | 235 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PICCIOLA ISLAND / LAKE #564

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 139
2. Maximum number of ERCs * which can be served ** 153
3. Present system connection capacity (in ERCs *) using existing lines. 184
4. Future connection capacity (in ERCs *) upon service area buildout. 204
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3351009
12. Water Management District Consumptive Use Permit # 2609
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS\SPRING LAKE / LAKE #553

YEAR OF REPORT
June 30, 2004

## 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 | 1,314 | 40 | 1,273 | 1,221 |
| February | 0 | 1,098 | 38 | 1,060 | 1,164 |
| March | 0 | 1,693 | 33 | 1,660 | 987 |
| April | 0 | 1,907 | 55 | 1,852 | 1,431 |
| May | 0 | 2,055 | 57 | 1,998 | 1,758 |
| June | 0 | 1,605 | 58 | 1,547 | 1,856 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 9,672 | 282 | 9,390 | 8,417 |

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 | 140 | 201,600 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS\SPRING LAKE / LAKE #553

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 201,600 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* High Service

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS\SPRING LAKE / LAKE #553

YEAR OF REPORT
June 30, 2004

## 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 | 182 | 182 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 182 | 182 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 8,379,358 | 170 | 181 | 272 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS\SPRING LAKE / LAKE #553

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: PINEY WOODS\SPRING LAKE / LAKE #553

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Aseparate 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 ** 185
3. Present system connection capacity (in ERCs *) using existing lines. 200
4. Future connection capacity (in ERCs *) upon service area buildout. 200
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3351021
12. Water Management District Consumptive Use Permit # 2604
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT
June 30, 2004

## 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 | 1,230 | 4 | 1,227 | 829 |
| February | 0 | 869 | 34 | 835 | 830 |
| March | 0 | 1,108 | 4 | 1,105 | 862 |
| April | 0 | 1,042 | 0 | 1,042 | 905 |
| May | 0 | 1,181 | 0 | 1,181 | 901 |
| June | 0 | 1,112 | 0 | 1,112 | 1,110 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 6,543 | 41 | 6,503 | 5,436 |

If water is purchased for resale, indicate the following:

| | |
|---|---|
| Vendor | N/A |
| Point of delivery | N/A |

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

N/A

| List for each source of supply: | CAPACITY OF WELL gpm | GALLONS PER DAY FROM SOURCE | TYPE OF SOURCE |
|---|---|---|---|
| Well #1 | 60 | 86,400 | Deep Well |
| Well # 2 | 35 | 50,400 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 50,400 (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

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

| METER SIZE (a) | TYPE OF METER* (b) | EQUIVALENT FACTOR (c) | NUMBER OF METERS (d) ** | TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e) |
|---|---|---|---|---|
| 5/8" | Displacement | 1.0 | 188 | 188 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 189 | 191 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 4,563,100 | 154 | 181 | 164 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT
June 30, 2004

## 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 | 7 | 7 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 1 | 8 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 9 | 18 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: POMONA PARK / PUTNAM #443

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 154
2. Maximum number of ERCs * which can be served ** 77
3. Present system connection capacity (in ERCs *) using existing lines. 303
4. Future connection capacity (in ERCs *) upon service area buildout. 433
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2540905
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT
June 30, 2004

## PUMPING AND PURCHASED WATER STATISTICS

| MONTH (a) | WATER PURCHASED FOR RESALE (Omit 000's) (b) | FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c) | WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d) | TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e) | WATER SOLD TO CUSTOMERS (Omit 000's) (f) |
|---|---|---|---|---|---|
| January | 0 | 399 | 0 | 399 | 384 |
| February | 0 | 376 | 0 | 376 | 322 |
| March | 0 | 411 | 0 | 411 | 311 |
| April | 0 | 484 | 0 | 484 | 406 |
| May | 0 | 439 | 0 | 439 | 395 |
| June | 0 | 435 | 0 | 435 | 439 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 2,544 | 0 | 2,544 | 2,257 |

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 | 650 | 936,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 936,000 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT
June 30, 2004

## 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 | 73 | 73 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 73 | 73 |

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 2,256,740 | 68 | 181 | 183 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: QUAIL RIDGE / LAKE #578

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 68
2. Maximum number of ERCs * which can be served ** 1,276
3. Present system connection capacity (in ERCs *) using existing lines. 106
4. Future connection capacity (in ERCs *) upon service area buildout. 106
5. Estimated annual increase in ERCs *. System 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.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.
   System under new ownership, sold 06/30/2004
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 #. 3354867
12. Water Management District Consumptive Use Permit # 4545
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT
June 30, 2004

## PUMPING AND PURCHASED WATER STATISTICS

| MONTH (a) | WATER PURCHASED FOR RESALE (Omit 000's) (b) | FINISHED WATER PUMPED FROM WELLS (Omit 000's) (c) | WATER USED FOR LINE FLUSHING, FIGHTING FIRES, ETC. (d) | TOTAL WATER PUMPED AND PURCHASED (Omit 000's) [ (b)+(c)-(d) ] (e) | WATER SOLD TO CUSTOMERS (Omit 000's) (f) |
|---|---|---|---|---|---|
| January | 0 | 549 | 4 | 545 | 450 |
| February | 0 | 484 | 4 | 480 | 499 |
| March | 0 | 537 | 4 | 534 | 463 |
| April | 0 | 705 | 0 | 705 | 453 |
| May | 0 | 750 | 0 | 750 | 662 |
| June | 0 | 633 | 0 | 633 | 699 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 3,659 | 11 | 3,649 | 3,225 |

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 | 135 | 194,400 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 194,400 (Max Day)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Aeration

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT
June 30, 2004

## 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 | 108 | 108 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 108 | 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 = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 3,225,430 | 106 | 181 | 168 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: RIVER GROVE / PUTNAM #442

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 106
2. Maximum number of ERCs * which can be served ** 578
3. Present system connection capacity (in ERCs *) using existing lines. 117
4. Future connection capacity (in ERCs *) upon service area buildout. 117
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2540959
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574
& WESTERN SHORES #566 / LAKE

YEAR OF REPORT
June 30, 2004

## 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 | 23,923 | 0 | 23,923 | 22,712 |
| February | 0 | 19,615 | 0 | 19,615 | 16,756 |
| March | 0 | 27,599 | 0 | 27,599 | 18,312 |
| April | 0 | 33,291 | 0 | 33,291 | 26,553 |
| May | 0 | 31,212 | 0 | 31,212 | 27,237 |
| June | 0 | 26,146 | 0 | 26,146 | 28,537 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 161,785 | 0 | 161,785 | 140,107 |

Silver Lake Estates and Western Shores are Interconnected

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 | Silver Lake Estates | 1,425 | 2,052,000 | Deep Well |
| Well # 2 | Silver Lake Estates | 1,425 | 2,052,000 | Deep Well |
| Well # 1 | Western Shores | 600 | 864,000 | Deep Well |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574
& WESTERN SHORES #566 / LAKE

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 2,916,000 (Reliable Max Day)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574 & WESTERN SHORES #566 / LAKE

YEAR OF REPORT
June 30, 2004

## 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 | 1,329 | 1,329 |
| 3/4" | Displacement | 1.5 | 13 | 20 |
| 1" | Displacement | 2.5 | 191 | 478 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 1,533 | 1,826 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 137,663,441 | 1,513 | 181 | 503 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574 & WESTERN SHORES #566 / LAKE

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 5 |
| 2" | Displacement, Compound or Turbine | 8.0 | 3 | 24 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 6 | 31 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE ESTATES #574
& WESTERN SHORES #566 / LAKE

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 1,513
2. Maximum number of ERCs * which can be served ** 2,900
3. Present system connection capacity (in ERCs *) using existing lines. 1,703
4. Future connection capacity (in ERCs *) upon service area buildout. 1,792
5. Estimated annual increase in ERCs *. System Sold
6. Is the utility required to have fire flow capacity? Yes
   If so, how much capacity is required? 750 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.
   System under new ownership, sold 06/30/2004
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 #. 3351182
12. Water Management District Consumptive Use Permit # 2644
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
June 30, 2004

## 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 | 121 | 4 | 116 | 117 |
| February | 0 | 116 | 4 | 113 | 118 |
| March | 0 | 136 | 0 | 136 | 126 |
| April | 0 | 136 | 1 | 135 | 123 |
| May | 0 | 152 | 1 | 152 | 148 |
| June | 0 | 148 | 1 | 147 | 157 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 809 | 10 | 799 | 790 |

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 | 75 | 108,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
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# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 100,800 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Aeration

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* High Service

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
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## 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 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 58 | 58 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

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

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

| Calculations: (a) | | Average | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Customers | Days | ERC |
| | 789,600 | 39 | 181 | 112 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 39
2. Maximum number of ERCs * which can be served ** 225
3. Present system connection capacity (in ERCs *) using existing lines. 40
4. Future connection capacity (in ERCs *) upon service area buildout. 40
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2544258
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.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473**

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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 | 58 | 58 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 58 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | | | |
|---|---|---|---|
| **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
| 724,460 | 39 | 181 | 103 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
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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 |
| **Total Commercial Wastewater System Meter Equivalents** | | | | 0 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473

YEAR OF REPORT
June 30, 2004

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
|---|---|---|---|
| **Permitted Capacity (gpd)** | 12,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | MCNEIL | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 12,000 | | |
| **Average Daily Flow (mgd)** | 0.002 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 0.277 | | |
| **Method of Effluent Disposal** | Drainfield | | |

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

(2) Contact stabilization, advanced treatment, etc.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: SILVER LAKE OAKS / PUTNAM #473**

YEAR OF REPORT
June 30, 2004

# 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. 39

2. Maximum number of ERC's * which can be served. 118 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 40

4. Future connection capacity (in ERCs*) upon service area buildout.*** 40

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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? October-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 # FLA011715

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT
June 30, 2004

## 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 | 691 | 0 | 691 | 672 |
| February | 0 | 721 | 0 | 721 | 530 |
| March | 0 | 867 | 0 | 867 | 662 |
| April | 0 | 839 | 0 | 839 | 716 |
| May | 0 | 996 | 0 | 996 | 828 |
| June | 0 | 891 | 0 | 891 | 917 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 5,005 | 0 | 5,005 | 4,326 |

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 | 500 | 720,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT
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# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 252,000 (Reliable Peak Hour)

**Location of measurement (i.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT
June 30, 2004

## 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 | 127 | 127 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 127 | 127 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 3,505,860 | 116 | 181 | 167 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT
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## 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 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 2 | 6 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SKYCREST / LAKE #551

YEAR OF REPORT
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## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 116
2. Maximum number of ERCs * which can be served ** 377
3. Present system connection capacity (in ERCs *) using existing lines. 127
4. Future connection capacity (in ERCs *) upon service area buildout. 127
5. Estimated annual increase in ERCs *. System 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.
   System under new ownership, sold 06/30/2004
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 #. 3351205
12. Water Management District Consumptive Use Permit # 2614
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT
June 30, 2004

## 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 | 0 | 57 | 50 |
| February | 0 | 62 | 0 | 62 | 45 |
| March | 0 | 82 | 0 | 82 | 55 |
| April | 0 | 105 | 0 | 105 | 84 |
| May | 0 | 85 | 0 | 85 | 83 |
| June | 0 | 38 | 0 | 38 | 80 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 429 | 0 | 429 | 398 |

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 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 144,000 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 1 | 5 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 13 | 19 |

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Average Customers | Days | ERC |
| | 397,770 | 9 | 181 | 244 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: STONE MOUNTAIN / LAKE #565

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 9
2. Maximum number of ERCs * which can be served ** 147
3. Present system connection capacity (in ERCs *) using existing lines. 10
4. Future connection capacity (in ERCs *) upon service area buildout. 12
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3351282
12. Water Management District Consumptive Use Permit # 2606
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT
June 30, 2004

## 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 | 3,351 | 1,675 | 1,676 | 1,215 |
| February | 0 | 3,352 | 1,871 | 1,481 | 1,623 |
| March | 0 | 4,107 | 2,166 | 1,941 | 1,432 |
| April | 0 | 4,820 | 2,607 | 2,213 | 1,932 |
| May | 0 | 5,550 | 3,922 | 1,628 | 2,198 |
| June | 0 | 4,449 | 2,305 | 2,144 | 2,095 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 25,629 | 14,546 | 11,083 | 10,495 |

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 # 4 | 350 | 504,000 | Deep Well |
| Well # 5 | 200 | 288,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 1,008,000 (Reliable Peak Hour)

**Location of measurement (i.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Iron Removal

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* High Service

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT
June 30, 2004

## 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 | 432 | 432 |
| 3/4" | Displacement | 1.5 | 4 | 6 |
| 1" | Displacement | 2.5 | 15 | 38 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 1 | 30 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 452 | 506 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | Average | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Customers | Days | ERC |
| | 9,859,900 | 432 | 181 | 126 |

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

| METER SIZE (a) | TYPE OF METER* (b) | EQUIVALENT FACTOR (c) | NUMBER OF METERS (d) ** | TOTAL NUMBER OF METER EQUIVALENTS (c x d) (e) |
|---|---|---|---|---|
| 5/8" | Displacement | 1.0 | 13 | 13 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 4 | 10 |
| 1 1/2" | Displacement or Turbine | 5.0 | 2 | 10 |
| 2" | Displacement, Compound or Turbine | 8.0 | 5 | 40 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 24 | 73 |

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 432
2. Maximum number of ERCs * which can be served ** 1,998
3. Present system connection capacity (in ERCs *) using existing lines. 2,231
4. Future connection capacity (in ERCs *) upon service area buildout. 26,137
5. Estimated annual increase in ERCs *. System 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.
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system.
   System under new ownership, sold 06/30/2004
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 #. 1670647
12. Water Management District Consumptive Use Permit # 19842730
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

| 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 | 180 | 180 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 180 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| Calculations: | SFR Gallons Sold | Average Customers | Days | ERC |
| --- | --- | --- | --- | --- |
| | 2,926,490 | 169 | 181 | 96 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

YEAR OF REPORT
June 30, 2004

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

## TREATMENT PLANT

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
| --- | --- | --- | --- |
| **Permitted Capacity (gpd)** | 50,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | CUSTOM MADE | | |
| **Type (2)** | Activated Sludge/Contact stabilization | | |
| **Hydraulic Capacity (gpd)** | 50,000 | | |
| **Average Daily Flow (mgd)** | 0.018 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 2.988 | | |
| **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.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: SUNNY HILLS / WASHINGTON #2801**

YEAR OF REPORT
June 30, 2004

# 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. 169

2. Maximum number of ERC's * which can be served. 526 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 909

4. Future connection capacity (in ERCs*) upon service area buildout.*** 3,634

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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 # FLA010258

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

| YEAR OF REPORT |
|---|
| June 30, 2004 |

## 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 | 3,121 | 11 | 3,110 | 2,528 |
| February | 0 | 2,717 | 9 | 2,708 | 1,968 |
| March | 0 | 3,747 | 8 | 3,739 | 2,058 |
| April | 0 | 4,728 | 9 | 4,719 | 2,820 |
| May | 0 | 5,776 | 7 | 5,769 | 3,228 |
| June | 0 | 3,806 | 8 | 3,798 | 3,785 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 23,895 | 52 | 23,843 | 16,386 |

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 | 325 | 468,000 | Deep Well |
| Well #2 | 250 | 360,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 360,000 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

YEAR OF REPORT
June 30, 2004

## 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 | 253 | 253 |
| 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 Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 261 | 276 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | | |
|---|---|---|---|---|
| | SFR Gallons Sold | Average Customers | Days | ERC |
| | 13,069,811 | 236 | 181 | 274 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TANGERINE / ORANGE #130

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 236
2. Maximum number of ERCs * which can be served ** 328
3. Present system connection capacity (in ERCs *) using existing lines. 301
4. Future connection capacity (in ERCs *) upon service area buildout. 10,043
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3481329
12. Water Management District Consumptive Use Permit # 51073
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT
June 30, 2004

## 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 | 2,041 | 0 | 2,041 | 2,170 |
| February | 0 | 1,712 | 7 | 1,705 | 1,489 |
| March | 0 | 3,958 | 7 | 3,951 | 1,818 |
| April | 0 | 2,480 | 0 | 2,480 | 2,449 |
| May | 0 | 2,853 | 0 | 2,853 | 2,178 |
| June | 0 | 2,023 | 0 | 2,023 | 2,595 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 15,068 | 14 | 15,054 | 12,698 |

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 | Tomoka View | 100 | 144,000 | Deep Well |
| Well # 2 | Tomoka View | 200 | 288,000 | Deep Well |
| Well # 1 | Twin Rivers | 125 | 180,000 | Deep Well |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

| | | |
|---|---|---|
| **Capacity of Plant (GPD):** | TR* 180,000 | (Max Day Capacity) |
| | TV* 108,000 | (Reliable Max Day Capacity) |
| **Location of measurement (I.e. WellHead, Storage Tank):** | WellHead and/or Distribution | |
| **Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** | Chlorination | |

**LIME TREATMENT**

| | | | |
|---|---|---|---|
| **Unit rating (i.e., GPM, pounds per gallon):** | N/A | **Manufacturer:** | |

**FILTRATION**

| | | | |
|---|---|---|---|
| **Type and size of area:** | | | |
| **Pressure (in square feet):** | N/A | **Manufacturer:** | |
| **Gravity (in GPM/square feet):** | N/A | **Manufacturer:** | |

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT
June 30, 2004

## 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 | 265 | 265 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 265 | 265 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 12,418,592 | 265 | 181 | 259 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 8 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 4 | 11 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: TOMOKA VIEW/TWIN RIVERS / VOLUSIA #1808

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 265
2. Maximum number of ERCs * which can be served ** 556
3. Present system connection capacity (in ERCs *) using existing lines. 265
4. Future connection capacity (in ERCs *) upon service area buildout. 265
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 3641373
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

## 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 | 2,317 | 8 | 2,309 | 1,844 |
| February | 0 | 2,069 | 6 | 2,062 | 1,846 |
| March | 0 | 2,768 | 4 | 2,764 | 1,756 |
| April | 0 | 3,072 | 3 | 3,069 | 2,206 |
| May | 0 | 3,347 | 2 | 3,344 | 2,518 |
| June | 0 | 2,777 | 150 | 2,627 | 2,936 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 16,349 | 173 | 16,176 | 13,107 |

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 | 750 | 1,080,000 | Deep Well |
| Well # 2 | 350 | 504,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 504,000 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

## 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 | 336 | 336 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 336 | 336 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 10,790,989 | 321 | 181 | 186 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

## 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 | 5 | 5 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 6 | 15 |
| 1 1/2" | Displacement or Turbine | 5.0 | 3 | 15 |
| 2" | Displacement, Compound or Turbine | 8.0 | 3 | 24 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Water System Meter Equivalents** | | | 17 | 59 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 321
2. Maximum number of ERCs * which can be served ** 678
3. Present system connection capacity (in ERCs *) using existing lines. 330
4. Future connection capacity (in ERCs *) upon service area buildout. 330
5. Estimated annual increase in ERCs *. System Sold
6. Is the utility required to have fire flow capacity? Yes
   If so, how much capacity is required? 750 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.
   System under new ownership, sold 06/30/2004
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 #. 3351421
12. Water Management District Consumptive Use Permit # 2632
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

| 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 | 336 | 336 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 336 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| Calculations: | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 6,550,671 | 320 | 181 | 113 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

YEAR OF REPORT
June 30, 2004

| 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 | 7 | 18 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 2 | 16 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Wastewater System Meter Equivalents** | | | | 38 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
| --- | --- | --- | --- |
| **Permitted Capacity (gpd)** | 80,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | DEFIANCE | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 80,000 | | |
| **Average Daily Flow (mgd)** | 0.042 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 6.938 | | |
| **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.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: VALENCIA TERRACE / LAKE #554**

YEAR OF REPORT
June 30, 2004

## 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. 320

2. Maximum number of ERC's * which can be served. 711 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 327

4. Future connection capacity (in ERCs*) upon service area buildout.*** 327

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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-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 # FLA010599

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

## 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 | 896 | 1 | 896 | 751 |
| February | 0 | 817 | 1 | 816 | 724 |
| March | 0 | 1,025 | 1 | 1,025 | 689 |
| April | 0 | 1,105 | 1 | 1,105 | 794 |
| May | 0 | 1,275 | 1 | 1,275 | 971 |
| June | 0 | 1,043 | 1 | 1,042 | 994 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 6,162 | 5 | 6,157 | 4,923 |

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 | 240 | 345,600 | Deep Well |
| Well # 2 | 100 | 144,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 144,000 (Reliable Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

## 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 | 148 | 148 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 148 | 148 |

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

**Calculations: (a)**

| SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|
| 4,820,470 | 145 | 181 | 184 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 145

2. Maximum number of ERCs * which can be served ** 196

3. Present system connection capacity (in ERCs *) using existing lines. 215

4. Future connection capacity (in ERCs *) upon service area buildout. 266

5. Estimated annual increase in ERCs *. System Sold

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.
   System under new ownership, sold 06/30/2004

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 #. 3351426

12. Water Management District Consumptive Use Permit # 2608

    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

| 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 | 94 | 94 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 94 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| Calculations: | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 2,388,960 | 92 | 181 | 143 |

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567**

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

| YEAR OF REPORT |
| --- |
| June 30, 2004 |

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

| | | | |
| --- | --- | --- | --- |
| **Permitted Capacity (gpd)** | 36,000 | | |
| **Basis of Permit Capacity (1)** | AADF | | |
| **Manufacturer** | MARLOF | | |
| **Type (2)** | Extended Aeration | | |
| **Hydraulic Capacity (gpd)** | 36,000 | | |
| **Average Daily Flow (mgd)** | 0.022 | (Average of Max Month) | |
| **Total Gallons of WW Treated (mg)** | 3.063 | | |
| **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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: VENETIAN VILLAGE / LAKE #567

YEAR OF REPORT
June 30, 2004

## 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. 92

2. Maximum number of ERC's * which can be served. 252 **

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

3. Present system connection capacity (in ERCs*) using existing lines. 102

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

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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-04

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 # FLA010567-003-DWF

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

*** Based on meter equivalency factors for ERCs

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

YEAR OF REPORT
June 30, 2004

## 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 | 634 | 7 | 627 | 518 |
| February | 0 | 591 | 7 | 584 | 433 |
| March | 0 | 1,052 | 407 | 645 | 405 |
| April | 0 | 658 | 0 | 658 | 540 |
| May | 0 | 662 | 0 | 662 | 510 |
| June | 0 | 614 | 0 | 614 | 498 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 4,210 | 421 | 3,789 | 2,903 |

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 | Welaka | 76 | 109,440 | Deep Well |
| Well #1 | Saratoga Harbour | 110 | 158,400 | Deep Well |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 109,440 (Reliable Max Day)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination and Aeration

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Wells

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 2 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 159 | 161 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|---|
| | 2,895,670 | 193 | 181 | 83 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WELAKA #447
& SARATOGA HARBOUR #448 / PUTNAM

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 193
2. Maximum number of ERCs * which can be served ** 660
3. Present system connection capacity (in ERCs *) using existing lines. 215
4. Future connection capacity (in ERCs *) upon service area buildout. 226
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2541242
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT
June 30, 2004

## 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 | 72 | 4 | 69 | 50 |
| February | 0 | 77 | 4 | 74 | 59 |
| March | 0 | 93 | 4 | 89 | 55 |
| April | 0 | 103 | 0 | 103 | 73 |
| May | 0 | 92 | 0 | 92 | 77 |
| June | 0 | 69 | 0 | 69 | 64 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 506 | 11 | 495 | 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 #2 | 25 | 36,000 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT
June 30, 2004

# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 36,000 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT
June 30, 2004

## 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 | 33 | 33 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 0 | 0 |
| 1 1/2" | Displacement or Turbine | 5.0 | 0 | 0 |
| 2" | Displacement, Compound or Turbine | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30.0 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Water System Meter Equivalents** | | | 33 | 33 |

### CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

**Calculations: (a)**

| SFR Gallons Sold | Average Customers | Days | ERC |
|---|---|---|---|
| 377,060 | 28 | 181 | 74 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT
June 30, 2004

## CALCULATION OF THE WATER SYSTEMS METER EQUIVALENTS

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

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: WOOTEN / PUTNAM #446

YEAR OF REPORT
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## OTHER WATER SYSTEM INFORMATION

Furnish information below for each system. Aseparate 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 ** 121
3. Present system connection capacity (in ERCs *) using existing lines. 52
4. Future connection capacity (in ERCs *) upon service area buildout. 59
5. Estimated annual increase in ERCs *. System Sold
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.
   System under new ownership, sold 06/30/2004
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 #. 2541280
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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
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## 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 | 857 | 87 | 770 | 1,016 |
| February | 0 | 695 | 87 | 608 | 989 |
| March | 0 | 678 | 34 | 644 | 1,042 |
| April | 0 | 559 | 34 | 525 | 1,107 |
| May | 0 | 260 | 34 | 226 | 678 |
| June | 0 | 168 | 34 | 134 | 470 |
| July | | | | | System Sold |
| August | | | | | |
| September | | | | | |
| October | | | | | |
| November | | | | | |
| December | | | | | |
| Total for year | 0 | 3,217 | 310 | 2,907 | 5,302 |

If water is purchased for resale, indicate the following:

| | |
|---|---|
| Vendor | Pasco County Utilities |
| Point of delivery | 8 inch Rockwell meter @ entrance to American Condominium MHP |

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 | 120 | 172,800 | Deep Well |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
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# WATER TREATMENT PLANT INFORMATION

**Provide a separate sheet for each water treatment facility**

**Capacity of Plant (GPD):** * 172,800 (Peak Hour)

**Location of measurement (I.e. WellHead, Storage Tank):** WellHead and/or Distribution

**Type of treatment (reverse osmosis, (sedimentation, chemical, aerated, etc,):** Chlorination

**LIME TREATMENT**

**Unit rating (i.e., GPM, pounds per gallon):** N/A **Manufacturer:**

**FILTRATION**

**Type and size of area:**

**Pressure (in square feet):** N/A **Manufacturer:**

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

* Well

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

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## 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 | 592 | 592 |
| 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 |
| **Total Residential Water System Meter Equivalents** | | | 594 | 600 |

## CALCULATION OF THE WATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTION

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

**Use one of the following methods:**

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

(b) If no historical flow data are available, use:
ERC = ( Total SFR gallons sold (Omit 000) / 365 days / 350 gallons per day )

| Calculations: (a) | | | |
|---|---|---|---|
| SFR Gallons Sold | Average Customers | Days | ERC |
| 4,865,020 | 498 | 181 | 54 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
June 30, 2004

## 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 | 1 | 3 |
| 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 |
| **Total Commercial Water System Meter Equivalents** | | | 7 | 27 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
June 30, 2004

## OTHER WATER SYSTEM INFORMATION

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

1. Present ERC's * that system can efficiently serve. 498
2. Maximum number of ERCs * which can be served ** 800
3. Present system connection capacity (in ERCs *) using existing lines. 500
4. Future connection capacity (in ERCs *) upon service area buildout. 500
5. Estimated annual increase in ERCs *. System 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.
   System under new ownership, sold 06/30/2004
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 #. 3512018
12. Water Management District Consumptive Use Permit # 2011082.00
    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 peridically 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.

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
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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 | 591 | 591 |
| 3/4" | Displacement | 1.5 | 0 | 0 |
| 1" | Displacement | 2.5 | 1 | 3 |
| 1 1/2" | Displacement or Turbine | 5.0 | 1 | 5 |
| 2" | Displacement, Compound or Turb | 8.0 | 0 | 0 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Residential Wastewater System Meter Equivalents** | | | | 599 |

## CALCULATION OF THE WASTEWATER SYSTEMS EQUIVALENT RESIDENTIAL CONNECTIONS

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

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

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

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

For wastewater only utilities:

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

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

| **Calculations:** | **SFR Gallons Sold** | **Average Customers** | **Days** | **ERC** |
|---|---|---|---|---|
| | 4,732,840 | 496 | 181 | 53 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
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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 | 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 Turb | 8.0 | 2 | 16 |
| 3" | Displacement | 15.0 | 0 | 0 |
| 3" | Compound | 16.0 | 0 | 0 |
| 3" | Turbine | 17.5 | 0 | 0 |
| 4" | Displacement or Compound | 25.0 | 0 | 0 |
| 4" | Turbine | 30 | 0 | 0 |
| 6" | Displacement or Compound | 50.0 | 0 | 0 |
| 6" | Turbine | 62.5 | 0 | 0 |
| 8" | Compound | 80.0 | 0 | 0 |
| 8" | Turbine | 90.0 | 0 | 0 |
| 10" | Compound | 115.0 | 0 | 0 |
| 10" | Turbine | 145.0 | 0 | 0 |
| 12" | Turbine | 215.0 | 0 | 0 |
| **Total Commercial Wastewater System Meter Equivalents** | | | | 24 |

UTILITY NAME: FLORIDA WATER SERVICES
SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427

YEAR OF REPORT
June 30, 2004

**TREATMENT PLANT**

**Provide a separate sheet for each wastewater treatment facility**

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

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

(2) Contact stabilization, advanced treatment, etc.

**UTILITY NAME: FLORIDA WATER SERVICES**
**SYSTEM NAME / COUNTY: ZEPHYR SHORES / PASCO #1427**

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## 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. 496 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. 496

4. Future connection capacity (in ERCs*) upon service area buildout.*** 496

5. Estimated annual increase in ERCs* System Sold

6. Describe any plans and estimate completion dates for any enlargements or improvements of this system.
System under new ownership, sold 06/30/2004

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