## CLASS "C"

## WATER AND/OR WASTEWATER UTILITIES

(Gross Revenue of Less Than $\mathbf{\$ 2 0 0 , 0 0 0}$ Each)

# ANNUAL REPORT 



## 

## To the Board of directors

 Tradewinds Utilities, Inc.I have compiled the 1999 Annual Report of Tradewinds Utilities, Inc. In the accompanying prescribed form, in accordance with the Statements on Accounting and Review Services issued by the American Institute of Certified Public Accountants.

My compilation was limited to presenting in the form prescribed by the Florida Public Service Commission, information that is the representation of the company's management. I have not audited or reviewed the Report referred to above and, accordingly, do not express and opinion or any other form of assurance on it.

This report is presented in accordance of the Florida Public Service Commission, which differ from generally accepted accounting principles. Accordingly, this report is not designed for those who are not informed about such differences.


1. Prepare this report in conformity with the 1996 National Association of Regulatory Utility Commissioners (NARUC) Uniform System of Accounts for Water and Wastewater Utilities as adopted by Rule 25-30.115 (1), Florida Administrative Code.
2. Interpret all accounting words and phrases in accordance with the Uniform System of Accounts (USOA). Commission Rules and the definitions on next page.
3. Complete each question fully and accurately, even if it has been answered in a previous annual report. Enter the word "None" where it truly and completely states the fact.
4. For any question, section, or page which is not applicable to the respondent enter the words "Not Applicable." Do not omit any pages.
5. Where dates are called for, the month and day should be stated as well as the year.
6. All schedules requiring dollar entries should be rounded to the nearest dollar.
7. Complete this report by means which result in a permanent record. You may use permanent ink or a typewriter. Do not use a pencil.
8. If there is not enough room on any schedule, an additional page or pages may be added provided the format of the added schedule matches the format of the schedule in the report. Additional pages should reference the appropriate schedules, state the name of the utility, and state the year of the report.
9. If it is necessary or desirable to insert additional statements for the purpose of further explanation of schedules, such statements should be made at the bottom of the page or on an additional page. Any additional pages should state the name of the utility and the year of the report, and reference the appropriate schedule.
10. The utility shall file the original and two copies of the report with the Commission at the address below, and keep a copy for itself. Pursuant to Rule 25-30.110 (3), Florida Administrative Code, the utility must submit the report by March 31 for the preceeding year ending December 31.

> Florida Public Service Commission
> Division of Water and Wastewater
> 2540 Shumard Oak Boulevard
> Tallahassee, Florida 32399-0850
11. Pursuant to Rule 25-30.110 (7) (a), Florida Administrative Code, any utility that fails to file its annual report or extension on or before March 31, or within the time specified by any extension approved in writing by the Division of Water and Wastewater, shall be subject to a penalty. The penalty shall be based on the number of calendar days elapsed from March 31, or from an approved extended filing date, until the date of filing. The date of filing shall be included in the days elapsed.

ADVANCES FOR CONSTRUCTION - This account shall include advances by or in behalf of customers for construction which are to be refunded either wholly or in part. (USOA)

ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION ( AFUDC ) - This account shall include concurrent credits for allowance for funds used during construction based upon the net cost of funds used for construction purposes and a reasonable rate upon other funds when so used. Appropriate regulatory approval shall be obtained for "a reasonable rate". (USOA)

AMORTIZATION - The gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. (USOA)

CONTRIBUTIONS IN AID OF CONSTRUCTION ( CIAC) - Any amount or item of money, services, or property received by a utility, from any person or governmental agency, any portion of which is provided at no cost to the utility, which represents an addition or transfer to the capital of the utility, and which is utilized to offset the acquisition, improvement, or construction costs of the utility's property, facilities, or equipment used to provide utility services to the public. (Section 367.021 (3), Florida Statutes)

CONSTRUCTION WORK IN PROGRESS ( CWIP ) - This account shall include the cost of water or wastewater plant in process of construction, but not yet ready for services. (USOA)

DEPRECIATION - The loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in the current operation and against which the utility is not protected by insurance. (Rule 25-30.140 (i), Florida Administrative Code)

EFFLUENT REUSE - The use of wastewater after the treatment process, generally for reuse as irrigation water or for in plant use. (Section 367.021 (6), Florida Statutes)

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EQUIVALENT RESIDENTIAL CONNECTION (ERC) - (WATER) - (Rule 25-30.515 (8), Florida Administrative Code.)
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(a) 350 gallons per day;
(b) The number of gallons a utility demonstrates in the average daily flow for a single family unit; or
(c) The number of gallons which has been approved by the DEP for a single family residential unit.

EQUIVALENT RESIDENTIAL CONNECTION (ERC) - (WASTEWATER) - Industry standard of $\mathbf{8 0 \%}$ of Water ERC or $\mathbf{2 8 0}$ gallons per day for residential use.

GUARANTEED REVENUE CHARGE - A charge designed to cover the utility's costs including, but not limited to the cost of the operation, maintenance, depreciation, and any taxes, and to provide a reasonable return to the utility for facilities, a portion of which may not be used and useful to the utility or its existing customers. (Rule 25-30.515 (9), Florida Administrative Code)
LONG TERM DEBT - All Notes, Conditional Sales Contracts, or other evidences of indebtedness payable more than one year from date of issue. (USOA)

PROPRIETARY CAPITAL (For proprietorships and partnerships only ) - The investment of a sole proprietor, or partners, in an unincorporated utility. (USOA)

RETAINED EARNINGS - This account reflects corporate eamings retained in the business. Credits would include net income or accounting adjustments associated with correction of errors attributable to a prior period. Charges to this account would include net losses, accounting adjustments associated with correction of errors attributable to a prior period or dividends. (USOA)

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# FINANCIAL 

 SECTION

Name of subdivisions where services are provided:

CONTACTS:

| Name | Title | Principle Business Address | Salary Charged Utility |
| :---: | :---: | :---: | :---: |
| Person to send correspondence: CHARLES DEMENZES | PRESIDENT | P.O. BOX 5220 OCALA, FL 34478 | (6400 |
| Person who prepared this report: DANIEL J. COLLIER P.A. | CPA | 1007 S.E. FORT KING ST. OCALA FL 34471 |  |
| Officers and Managers: CHARLES DEMENZES | PRESIDENT | P.O. BOX 5220 OCALA, FL 34478 |  |
| DEBORAH DILLON |  | P.O. BOX 71 |  |
| DEBORAH DILLON | VICE PRESIDENT | OCALA, FL 34478 | 800 |

Report every corporation or person owning or holding directly or indirectly 5 percent or more of the voting securities of the reporting utility:

| Name | $\begin{aligned} & \text { Percent } \\ & \text { Ownership in } \\ & \text { Utility } \end{aligned}$ | Principle Business Address |  |
| :---: | :---: | :---: | :---: |
|  |  | 12601 SE SUNSET HARBOR RD |  |
| CHARLES DEMENZES | $100 \%$ | WEIRSDALE, FL 32195 | $\$$ |
|  |  | $\square$ | \$ |
|  |  | $\square$ | $\qquad$ |
|  |  | -_ |  |

INCOME STATEMENT


UTILITY NAME: TRADEWINDS UTILITIES, INC.

| YEAR OF REPORT |  |  |
| :---: | :---: | :---: |
| DECEMBER 31, | 1999 |  |

COMPARATIVE BALANCE SHEET


| YEAR OF REPORT |  |
| :---: | :---: |
| DECEMBER 31, 1999 |  |

GROSS UTILITY PLANT


ACCUMULATED DEPRECIATION (AJD) AND AMORTIZATION OF UTILITY PLANT

| Account 108 | Water | Wastewater | Other Than Reporting Systems | Total |
| :---: | :---: | :---: | :---: | :---: |
| Balance First of Year $\qquad$ Add Credits During Year: | $\$ \quad 146,237$ | $\$ \quad 369,531$ | $\$$ | $\$ \quad 515,768$ |
| Accruals charged to depreciation account $\qquad$ Salvage $\qquad$ Other Credits (specify) $\qquad$ | \$ 23,393 | $\$ \quad 34,365$ | $\mid \$$ | \$ $\quad 57,758$ |
| Total Credits $\qquad$ Deduct Debits During Year: | $\$ 23,393$ | $\$ 34,365$ | $\$$ | $\$ 57,758$ |
| Book cost of plant retired $\qquad$ <br> Cost of removal $\qquad$ <br> Other debits (specify) | \$ | \$ | $\$$ | \$ |
| Correction of disposal in 1998 Total Debits $\qquad$ | $\$ \begin{array}{r} 590 \\ \hline \end{array}$ | \$1,897 | $\$$ | $\begin{array}{r} 2,487 \\ \hline 2,487 \\ \hline \end{array}$ |
| Balance End of Year_ | \$ 192,433 | \$ 436,364 | $\$$ | \$ 571,039 |

## CAPITAL STOCK (201-204)

|  | $\begin{aligned} & \text { Common } \\ & \text { Stock } \end{aligned}$ | $\begin{aligned} & \hline \text { Preferred } \\ & \text { Stock } \end{aligned}$ |
| :---: | :---: | :---: |
| Par or stated value per share_ | 1 | N/A |
|  | 1000 |  |
|  | 200 |  |
| Total par value of stock issued | 200 |  |
| Dividends declared per share for year |  |  |

RETAINED EARNINGS (215)

|  | Appropriated |  | UnAppropriated |  |
| :---: | :---: | :---: | :---: | :---: |
| Balance first of year_ | \$ | N/A | \$ | 41,305 |
| Changes during the year (Specity): |  |  |  | 41,305 |
| LESS CURRENT YEAR LOSS |  |  |  | $(22,332)$ |
| PRIOR YEAR INCOME TAXES \& CORRECT 1998 DELETION |  |  |  | $\frac{(22,332)}{(722)}$ |
| UNREALIZED LOSS ON MARKETIBLE SECURITIES |  |  |  | (14,417) |
| Balance end of year_ | \$ |  | \$ | 3,834 |

PROPRIETARY CAPITAL ( 218 )

|  | Proprietor Or Partner | Partner |
| :---: | :---: | :---: |
| Balance first of year_ | \$ N/A | \$ |
| ges during | - |  |
| Balance end of year | \$ |  |

LONG TERM DEBT ( 224 )


TAXES ACCRUED ( 236 )

| (a) | Water <br> (b) | $\begin{aligned} & \text { Wastewater } \\ & \text { (c) } \end{aligned}$ | Other <br> (d) | Total (e) |
| :---: | :---: | :---: | :---: | :---: |
| Income Taxes: |  |  |  |  |
| Federal income tax $\qquad$ <br> State income Tax | \$ | \$ | \$ | \$ |
| Taxes Other Than Income:---- |  |  |  |  |
| State ad valorem tax |  |  |  |  |
| Local property tax_-_----- |  |  |  |  |
| Regulatory assessment fee | 4683 | 7475 |  | 12158 |
| Other (Specify)_-_------ |  | - |  | - |
| Total Taxes Accrued | $4683$ |  |  |  |
| Tolal Taxes Accrued_------- | 4683 | 7475 |  | 12158 |

## PAYMENTS FOR SERVICES RENDERED BY OTHER THAN EMPI OYEES

Report all information concerning outside rate, management, construction, advertising, labor relations, public relations, or other similiar professional services rendered the respondent for which aggregate payments during the year to any corporation, partnership, individual, or organization of any kind whatever amounting to $\$ 500$ or more.

| Name of Recipient |  | Water Amount | Wastewater Amount | Description of Service |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ |  | \$ |  |
| MIRA INTERNATIONAL, INC. | s | 42,460 | 5 63.690 | MANAGEMENT \& MAINTENANCE |
| AQUA PURE | 5 | 3,318 | 5 4,385 | PLANT OPERATION \& TESTING |
| DANIEL J. COLLIER PA | 5 | 6,555 | 5 | ACCOUNTING \& AUDIT FEES |
| ROSE SUNDERSTROM | 5 | 1,505 | 1.505 | LEGAL |
|  | \$ |  |  |  |
|  | \$ |  |  |  |
|  | \$ |  | 5 |  |
|  | \$ |  | \$ |  |
|  | \$ |  | \$ |  |

CONTRIBUTIONS IN AID OF CONSTRUCTION ( 271 )


ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION DURING YEAR (CREDITS)


ACCUMULATED AMORTIZATION OF CIAC (272)

|  | Water | Wastewater | Iotal |
| :---: | :---: | :---: | :---: |
| Balance First of Year Add Credits During | \$ 128,748 | \$ 235,867 | \$ 364,615 |
| Deduct Debits During Year: | 7,878 | 11,945 | 19,823 |
| Balance End of Year (Must agree with line 6 above.) | \$ 136,626 | \$ 247,812 | \$ 384,438 |

* COMPLETION OF SCHEDULE REQUIRED ONLY IF AFUDC WAS CHARGED DURING YEAR *

UTILITY NAME: TRADEWINDS UTIL̇ITIES, INC.


SCHEDULE "A"
SCHEDULE OF COST OF CAPITAL USED FOR AFUDC CALCULATION
NO AFUDC WAS CHARGED THIS YEAR THUS N/A

| Class of Capital <br> (a) | Dollar Amount (b) | Percentage of Capital (c) | Actual <br> Cost <br> Rates <br> (d) | Weighted Cost [ $c \times d$ ] (e) |
| :---: | :---: | :---: | :---: | :---: |
| Common Equity | \$ | $\ldots$ | \% | \% |
| Preferred Stock |  | \% | \% | _\% |
| Long Term Debt |  |  | \% | \% |
| Customer Deposits |  |  | \% | $\%$ |
| Tax Credits - Zero Cost |  | _\%\| | $0.00 \%$ | $\%$ |
| Tax Credits - Weighted Cost |  | _\%\| | $\%$ | $\%$ |
| Deferred Income Taxes |  |  | \% | _ \% |
| Other (Explain) |  | _\% | \% | \% |
| Total |  | $\underline{100.00} \%$ |  | $\%$ |

(1) Must be calculated using the same methodology used to calculate AFUDC rate approved by the Commission.

## APPROVED AFUDC RATE

Current Commission approved AFUDC rate: \%

Commission Order Number approving AFUDC rate: $\qquad$
** COMPLETION OF SCHEDULE REQUIRED ONLY IF AFUDC WAS CHARGED DURING YEAR **
UTILITY NAME: TRADEWINDS UTILITIES, INC.
YEAR OF REPORT DECEMBER 31,

SCHEDULE "B"
SCHEDULE OF CAPITAL STRUCTURE ADJUSTMENTS NO AFUDC WAS CHARGED THIS YEAR THUS N/A

(1) Explain below all adjustments made in Column (e):

## WATER <br> OPERATING <br> SECTION

## WATER UTILITY PLANT ACCOUNTS

| Acct. No. <br> (a) | Account Name <br> (b) | Previous Year (c) | Additions (d) | Retirements <br> (e) | Current Year (f) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 301 | Organization | \$ 482 | \$ | S |  |
| 302 | Franchises | - 925 |  |  | + 9225 |
| 303 | Land and Land Rights | 182,500 |  |  | 182,500 |
| 304 | Structures and Improvements | 104,428 | 16,694 |  | 121,122 |
| 305 | Collecting and Impounding <br> Reservoirs |  |  |  | 121,22 |
| 306 | Lake, River and Other Intakes |  |  |  |  |
| 307 | Wells and Springs--- |  |  |  |  |
| 308 | Infiltration Galleries and Tunnels | 48,797 |  |  |  |
| 309 | Supply Mains | 2,469 |  |  | 48,797 |
| 310 | Power Generation Equipment | 15,953 |  |  | 15,953 |
| 311 | Pumping Equipment _--- | 12,060 | 1,367 |  | 13,427 |
| 320 | Water Treatment Equipment | 681 |  |  | 681 |
| 330 | Distribution Reservoirs and Standpi ees $\qquad$ | 18,243 | 270,636 |  | 288,879 |
| 331 | Transmission and Distribution Lines | 258,917 |  |  | 258,917 |
| 332 333 | Pearld Britian Mains | 23,093 |  |  | 23,093 |
| 332 334 | Services _-M-- | 69,852 |  |  | 69,852 |
|  | Installations | 19,129 | 5,622 |  | 24,751 |
| 335 | Hydrants_-_ | 8,000 |  |  | 8,000 |
| 336 | Backflow Prevention Devices_ |  |  |  |  |
| 339 | Other Plant and Miscellaneous Equipment_ | 305 |  |  | 305 |
| 340 | Office Furniture and Equipment $\qquad$ | 5,740 |  |  | 5,740 |
| 341 | Transportation Equipment | 800 | 1,995 |  | 2,795 |
| 342 | Stores Equipment__--- |  |  |  |  |
| 343 | Tools, Shop and Garage Equipment $\qquad$ | 1,482 |  |  | 1,482 |
| 344 | Laboratory Equipment_-- |  |  |  |  |
| 345 346 | Power Operated Equipment |  |  | - |  |
| 346 347 | Miscellaneous Equipment |  |  |  |  |
| 348 | Other Tangible Plant_ |  |  |  |  |
|  | Total Water Plant_ | \$ 773,856 | \$ 296,314 |  | \$ 1,070,170 |

ANALYSIS OF ACCUMULATED DEPRECIATION BY PRIMARY ACCOUNT - WATER


Water operation and maintenance expense

| Acct. No. | Account Name | Amount |
| :---: | :---: | :---: |
| 601 | Salaries and Wages - Employees_ | \$ |
| 603 | Salaries and Wages - Officers, Directors, and Majority Stockholders | 3,600 |
| 604 |  | 3,000 |
| 610 | Purchased Water |  |
| 615 | Purchased Power | 5,238 |
| 616 | Fuel for Power Production | 5,238 |
| 618 | Chemicals_ | 887 |
| 620 |  | 1,362 |
| 630 | Contractual Services: <br> Billing |  |
|  | Professional | 42,460 |
|  | Testing_ | 3,318 |
|  | Other | 400 |
| 640 |  | 2,000 |
| 650 | Transportation Expense | 5,040 |
| 655 |  | 2,003 |
| 665 | Regulatory Commission Expenses (Amortized Rate Case Expense) |  |
| 670 |  | 965 |
| 675 | Miscellaneous Expenses - REPAIRS \& MAINTENANCE | 5,565 |
|  | Total Water Operation And Maintenance Expense <br> - This amount should tie to Sheet F-3. | \$ 80,968 ${ }^{\text {* }}$ |

WATER CUSTOMERS

| $\frac{\text { Description }}{\text { (a) }}$ ( ${ }_{\text {a }}$ | Type of Meter ** (b) $\qquad$ |  | Number of Start of Year (d) | End End of Year (e) | Total Number of Meter Equivalents (c $x$ e) $(0)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $5 / 8^{\prime \prime}$ | D | 1.0 | 408 | 416 | 416 |
| $3 / 4^{\prime \prime}$ | D | 1.5 | 4 | - 416 | 416 |
| 17 | D | 2.5 | 24 | 24 | 60 |
| $\begin{gathered} 11 / 2^{\prime \prime} \\ \text { General Service } \end{gathered}$ | D, T | 5.0 | 2 | 10 | 80 |
| $5 / 8^{\prime \prime}$ | D | 1.0 |  | - | $\square$ |
| 3/4* | D | 1.5 | - | $\square$ | - |
| $1{ }^{17}$ | D | 2.5 | - |  |  |
| $11 /{ }^{\prime \prime}$ | D,T | 5.0 |  |  |  |
| 2 " | D, C, T | 8.0 |  |  |  |
| 3 " | D | 15.0 |  |  |  |
| 3 " | C | 16.0 |  |  |  |
| 3" | T | 17.5 |  |  |  |
| Unmetered Customers Other (Specify) |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | 434 | 450 |  |
|  |  |  | 434 | 450 | 556 |

$\qquad$
PUMPING AND PURCHASED WATER STATISTICS

| (a) | Water Purchased For Resale (Omit 000's) <br> (b) | Finished Water From Wulls (Omit 000's) $\qquad$ <br> (c) | Recorded Accounted For Loss Through Line Flushing Etc. (Omit 000's) (d) | Total Water Pumped And Purchased (Omit 000's) $[(\mathrm{b})+(\mathrm{c})-\text { (d) }]$ <br> (e) | Water Sold To Customers (Omit 000's) $\qquad$ <br> (f) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January |  | 2,730 | 43 | 2,687 | 2,687 |
| February |  | 2,986 | 453 | 2,533 | 2,533 |
| March |  | 3,775 | 1,170 | 2,605 | 2,605 |
| April |  | 4,119 | 625 | 3,494 | 3,494 |
| May |  | 4,345 | 611 | 3,734 | 3,734 |
| June |  | 3,100 | (89) | 3,189 | 3,189 |
| July |  | 3,347 | 342 | 3,005 | 3,005 |
| August |  | $\frac{3,266}{3,017}$ | (361) | 3,627 | 3,627 |
| September |  | 3,017 | (330) | 3,347 | 3,347 |
| October- |  | 2,550 | 572 | 2,508 | 2,508 |
| November |  | 3,411 | 574 | 2,837 | 2,837 |
| Decembe |  | 2,219 | (592) | 2,811 | 2,811 |
| Total for Year |  | 38,865 | 2,488 | 36,377 | 36,377 |

If water is purchased for resale, indicate the following:
Vendor NA
Point of delivery
If water is sold to other water utilities for redistribution, list names of such utilities below:

MAINS (FEET)


WELLS AND WELL PUMPS

| (a) | (b) | (c) | (d) | (e) |
| :---: | :---: | :---: | :---: | :---: |
| Year Constructed | 1983 | 1983 | 1990 |  |
| and Casing | STEEL GROUTED | STEEL GROUTED | STEEL GROUTED |  |
| Depth of Wells | 285' | $140^{\prime}$ | $164{ }^{\prime}$ |  |
| Diameters of Wells | $6{ }^{\prime \prime}$ | $6^{\prime \prime}$ | $10^{\prime \prime}$ |  |
| Pump - GPM | 250 | 150 | 950 |  |
| Motor - HP | 10 | 7.5 | 75 |  |
| Motor Type**--- |  |  |  |  |
| Yields of Wells in GPD | 1000 | 1000 | 100000 |  |
| Auxiliary Power | WINCO GEN. | WINCO GEN. | WINCO GEN. |  |
| * Submersible, centrifugal, etc. |  |  |  |  |

RESERVOIRS

| (a) | (b) | (c) | (d) | (e) |
| :---: | :---: | :---: | :---: | :---: |
| Description (steel, concrete) <br> Capacity of Tank_-_---- <br> Ground or Elevated_---- | STEEL | $\frac{5,000}{\text { GROUND }}$ | $\frac{\text { STEEL }}{10,000}$ | $\frac{\text { STEEL }}{\frac{\text { GROUND }}{200,000}}$ |
|  | $\frac{\text { ELEVATED }}{}$ | - |  |  |

HIGH SERVICE PUMPING


## SOURCE OF SUPPLY



WATER TREATMENT FACILITIES

| Type_------------ | LQUIDCHLORINATED | LIQUID CHLORINATED | LIQUID CHLORINATED |
| :---: | :---: | :---: | :---: |
| Make_---------- | VT 100 | VT 100 | VT 100 |
| Permitted Capacity (GPD) | 504,000 | 360,000 | 1,728,000 |
| High service pumping | NA | NA | NA |
| Gallons per minute | NA | NA | NA |
| Reverse Osmosis | NA | NA | NA |
| Lime Treatment Unit Rating | NA | NA | NA |
| Filtration Pressure Sq. Ft. Gravity GPD/Sq.Ft. | NA | NA | NA |
| Disinfection |  |  |  |
| Chlorinator_ | YES | YES | YES |
| Ozone | NA | NA | NA |
| Other-_-- | NA | NA | NA |
| Auxiliary Power_ | YES | YES | YES |

## GENERAL WATER SYSTEM INFORMATION

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

1. Present ERC's * the system can efficiently serve.

285
2. Maximum number of ERCs * which can be served.

1600
3. Present system connection capacity (in ERCs ${ }^{*}$ ) using existing lines. 285
4. Future connection capacity (in ERCs *) upon service area buildout. 385
5. Estimated annual increase in ERCs *. 10
6. Is the utility required to have fire flow capacity?

NO
If so, how much capacity is required? $\qquad$
7. Attach a description of the fire fighting facilities.

NA
8. Describe any plans and estimated completion dates for any enlargements or improvements of this system. NA
9. When did the company last file a capacity analysis report with the DEP?
10. If the present system does not meet the requirements of DEP rules, submit the following:

NA
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? $\qquad$
d. Attach plans for funding the required upgrading.
e. Is this system under any Consent Order with DEP? $\qquad$
11. Department of Environmental Protection ID \# 3424620
12. Water Management District Consumptive Use Permit \# 2-83-0008ANM2
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?

[^0]
# WASTEWATER 

## OPERATING

SECTION

## WASTEWATER UTILITY PLANT ACCOUNTS

| Acct. No. (a) | Account Name <br> (b) | Previous Year (c) | Additions <br> (d) | Retirements <br> (e) | Current Year (f) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 351 | Organization_ | \$ 947 | \$ | \$ | \$ 947 |
| 352 | Franchises | 3,881 |  |  | 3,881 |
| 353 | Land and Land Rights | 93,388 |  |  | 93,388 |
| 354 | Structures and Improvements | 161,268 |  |  | 161,268 |
| 355 | Power Generation Equipment_- |  |  |  |  |
| 357 | Pearl Britain Force Mains -- | 23,069 |  |  | 23,069 |
| 360 | Collection Sewers - Force | 9,705 |  |  | $\begin{array}{r}\text { 23,069 } \\ \hline 9,705\end{array}$ |
| 361 | Collection Sewers - Gravity_--- | 159,111 |  |  | 159,111 |
| 362 | Special Collecting Structures_--- | 2,400 |  |  | 2,400 |
| 363 | Services to Customers__-_--- | 64,155 |  |  | 64,155 |
| 364 | Flow Measuring Devices_-_-- |  |  |  |  |
| 365 | Flow Measuring Installations |  |  |  |  |
| 370 | Receiving Wells_ | 142,078 |  |  | 142,078 |
| 371 | Pumping Equipment |  |  |  |  |
| 380 | Treatment and Disposal Equipment | 138,361 |  |  | 138,361 |
| 381 |  | 152,642 |  |  | 152,642 |
| 382 | Outfall Sewer Lines_-------- |  |  |  |  |
| 389 | Other Plant and Miscellaneous Equipment $\qquad$ | 4,676 |  |  | 4,676 |
| 390 | Office Furniture and Equipment | 5,397 |  |  | 5,397 |
| 391 | Transportation Equipment_--- |  |  |  |  |
| 393 | Tools, Shop and Garage Equipment | 1,135 |  |  | $1,135$ |
| 394 | Laboratory Equipment |  |  |  |  |
| 395 | Power Operated Equipment | 16,049 |  |  | 16,049 |
| 396 | Communication Equipment__- |  |  |  |  |
| 397 | Miscellaneous Equipment__-_ |  |  |  |  |
| 398 | Other Tangible Plant__----- |  |  |  |  |
|  | Total Wastewater Plant_ | \$ 978,262 | \$ 0 |  | \$ 978,262 ${ }^{\text {* }}$ |

[^1]UTILITY NAME: TRADEWINDS UTILITIES, INC.
ANALYSIS OF ACCUMULATED DEPRECIATION BY PRIMARY ACCOUNT - WASTEWATER

| Acct. No. <br> (a) | $\begin{aligned} & \text { Account } \\ & \text { (b) } \end{aligned}$ | Average Service Life in Years (c) | Average Salvage in Percent (d) | Depr. <br> Rate Applied <br> (e) | Accumulated Depreciation Balance Previous Year (f) | Debits <br> (g) | Credits <br> (h) | Accum. Depr. Balance End of Year ( $f-\mathrm{g}+\mathrm{h}=\mathrm{i}$ ) (i) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 354 | Structures and Improvements__ - | 27 | \% | 3.70\% | \$ 8,903 | \$ | \$ 5,931 | \$ 14,834 |
| 351 | Organizational | -29 |  | 3.45\% | 259 |  | 35 | 294 |
| 352 | Franchises | 3 |  | 33.33\% | 1,383 |  | 347 | 1,730 |
| 355 | Power Generation Equipment _ _ - |  | [\% |  |  |  |  |  |
| 357 | Pearl Britian Force Mains | 27 |  | 3.70\% | 6,825 |  | 856 | 7,681 |
| 360 | Collection Sewers - Force | 27 |  | 3.70\% | 4,926 |  | 363 | 5,289 |
| 361 | Collection Sewers - Gravity__-- | 40 |  | 2.50\% | 38,001 |  | 3,981 | 41,982 |
| 362 | Special Collecting Structures_-- | 35 | \% | 2.86\% | 591 |  | 95 | 686 |
| 363 | Services to Customers_------- | 35 |  | 2.86\% | 18,355 |  | 1,789 | 20,144 |
| 364 | Flow Measuring Devices |  |  |  |  |  |  |  |
| 365 | Flow Measuring Installations |  | \% |  |  |  |  |  |
| 370 | Receiving Wells__---------- | 18 | \% | 5.56\% | 76,024 |  | 8,712 | 84,736 |
| 371 | Pumping Equipment_------- |  | \% |  |  |  |  |  |
| 380 | Treatment and Disposal Equipment | 15 | \% | 6.67\% | 119,542 | 704 | 1,184 | 120,022 |
| 381 |  | 15 |  | 6.67\% | 76,855 |  | 10,163 | 87,018 |
| 382 | Outfall Sewer Lines_-_----- |  | [\% |  |  |  |  |  |
| 389 | Other Plant and Miscellaneous Equipment | 35 | $\%$ | 2.86\% | 2,651 | 1,031 | 134 | 1,754 |
| 390 | Office Furniture and Equipment | 6 | \% | 16.67\% | 5,396 |  | 1 | 5,397 |
| 391 | Transportation Equipment_---- |  | - \% |  |  |  |  |  |
| 392 | Stores Equipment_-_------ |  | _ \% |  |  |  |  |  |
| 393 | Tools, Shop and Garage Equipment $\qquad$ | 15 | \% | 6.67\% | 873 | 162 | 37 | 748 |
| 394 | Laboratory Equipment__ |  | $\%$ |  |  |  | 737 |  |
| 395 | Power Operated Equipment | 10 | $\begin{array}{r} \% \\ \% \end{array}$ | 10.00\% | 8,947 |  | 737 | 9,684 |
| 396 397 | Communication Equipment_--- |  | \% |  | - |  |  |  |
| 398 |  |  | $\%$ |  |  |  |  |  |
|  | Totals |  |  |  | \$ 369,531 | \$ 1,897 | \$ 34,365 | \$ 401,999 ${ }^{\circ}$ |

UTILTY NAME: TRADEWINDS UTILTIES, INC.
YEAR OF REPORT DECEMBER 31,

WASTEWATER OPERATION AND MAINTENANCE EXPENSE

| Acct. No. | Account Name | Amount |
| :---: | :---: | :---: |
| 701 | Salaries and Wages - Employees | \$ |
| 703 | Salaries and Wages - Officers, Directors, and Majority Stockholders | 3,600 |
| 704 | Employee Pensions and Benefits ___ | 3,600 |
| 710 | Purchased Wastewater Treatment |  |
| 711 |  | 1,541 |
| 715 | Purchased Power__-_ | 12,277 |
| 716 | Fuel for Power Production |  |
| 718 |  | 4,167 |
| 720 |  | 1,218 |
| 730 | Contractual Services: <br> Billing | 63,690 |
|  |  | 1,652 |
|  |  | 4,385 |
|  | Other | 300 |
| 740 |  | 2,000 |
| 750 | Transportation Expense | 5,040 |
| 755 |  | 2,003 |
| 765 | Regulatory Commission Expenses (Amortized Rate Case Expense) |  |
| 770 | Bad Debt Expense__---1. | 1,722 |
| 775 | Miscellaneous Expenses - REPAIRS AND MAINTENAN̄EE | 2,966 |
|  | Total Wastewater Operation And Maintenance Expense <br> - This amount should tie to Sheet F-3. | \$ 106,561 ${ }^{*}$ |

WASTEWATER CUSTOMERS


PUMPING EQUIPMENT


SERVICE CONNECTIONS


COLLECTING AND FORCE MAINS


MANHOLES

| Size (inches) | $4^{\prime}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Type of Manhole__-_ | CONCRETE |  | - |  |
| Number of Manholes: Beginning of year | 55 |  |  |  |
| Added during year_-- | 55 |  | - | - |
| Retired during year-- |  |  | - | - |
| End of Year_ | 55 |  | - | - |

## UTILITY N/AME: TRADEWINDS UTILITIES, INC.

| YEAR OF REPORT |  |
| :---: | :---: |
| DECEMBER | 1999 |

## TREATMENT PLANT

| Manufacturer | MCNEIL | MARLOF |
| :---: | :---: | :---: |
| Type | CONCRETE | CONCRETE |
| "Steel" or "Concrete" | CONCRETE | CONCRETE |
| Total Permitted Capacity | 65000 GPD | 50000 GPD |
| Average Daily Flow _--- | 50932 | COMBINED |
| Method of Effluent Disposal_ | SPRAYFIELD | SPRAYFIELD |
| Permitted Capacity of Disposal | 81000 GPD | COMBINED |
| Total Gallons of Wastewater treated | 18590000 GPY | COMBINED COMBINED |

MASTER LIFT STATION PUMPS


PUMPING WASTEWATER STATISTICS

| Months | Gallons of Treated Wastewater | Effluent Reuse <br> Gallons to <br> Customers | Effluent Gallons Disposed of on site |
| :---: | :---: | :---: | :---: |
| January | 1,579,219 |  | 1,579,219 |
| February | 1,501,345 |  | 1,501,345 |
| March | 1,342,880 |  | - 1,342,880 |
| April | 1,550,733 |  | 1,550,733 |
| May | 1,674,076 |  | 1,574,076 |
| June | 1,582,196 |  | 1,582,196 |
| July | 1,552,127 |  | 1,552,127 |
| August | 1,700,346 |  | 1,700,346 |
| September | 1,621,286 |  | 1,621,286 |
| October_ | 1,434,731 |  | 1,434,731 |
| November | 1,532,624 |  | 1,532,624 |
| December | 1,518,746 |  | 1,518,746 |
| Total for year_ | 18,590,309 |  | 18,590,309 |
| If Wastewater Treatment is purchased, indicate the vendor: N/A |  |  |  |

GENERAL WASTEWATER SYSTEM INFORMATION

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

1. Present number of ERCs* now being served.
181
2. Maximum number of ERCs* which can be served.

$$
400
$$

3. Present system connection capacity (in ERCs*) using existing lines.
250
4. Future connection capacity (in ERCs*) upon service area buildout. 250
5. Estimated annual increase in ERCs*.
10
6. Describe any plans and estimated completion dates for any enlargements or improvements of this system NONE
7. If the utility uses reuse as a means of effluent disposal, provide a list of the reuse end users and the amount of
reuse provided to each, if known.
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 the 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? NA
11. If the present system does not meet the requirements of DEP rules, submit the following:

NA
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? $\qquad$
12. Department of Environmental Protection ID \#

FLA010699-001

- An ERC is determined based on one of the following methods:
(a) If actual fiow data are available from the proceding 12 months:

Divide the total annual single family residence (SFR) gallons sold by the average number of single family residents (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: $E R C=$ (Total SFR gallons sold (omit 000/365 days/280 gallons per day).

## CERTIFICATION OF ANNUAL REPORT

I HEREBY CERTIFY, to the best of my knowledge and belief:


Items Certified


Each of the four items must be certified YES or NO. Each item need not be certified by both officers. The items being certified by the officer should be indicated in the appropriate area to the left of the signature.

Notice: Section 837.06, Florida Statutes, provides that any person who knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his duty shall be guilty of a misdemeanor of the second degree.


[^0]:    An ERC is determined based on one of the following methods:
    (a) If actual flow data are available from the proceding 12 months:

    Divide the total annual single family residence (SFR) gallons sold by the average number of single family residents (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:
    $E R C=(T o t a l$ SFR gallons sold (omit 000/365 days/350 gallons per day).

[^1]:    * This amount should tie to sheet F-5.

