ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application of Water Oak Utilities, Co. Inc. for limited proceeding increase and restructuring of water rates.

5 1 127 - 2 PH 4: 12

Docket No.

790243-MU

APPLICATION FOR LIMITED PROCEEDING INCREASE IN WATER RATES

Applicant, Water Oak Utilities Co., Inc. (hereinafter "Water Oak", "Applicant" or "Utility"), pursuant to Sections 367.0822 and 367.081(1)(a) and (3), Florida Statutes, files this Application for limited proceeding increase in water rates for service provided to the Utility's system in Lake County, Florida, based upon the costs associated with the St. Johns River Management District's ("SJRMD") required institution of conservation rate structure, and to recover the cost of new hydropneumatic tanks necessitated by DEP requirements. The change in billing method will increase costs slightly but is in the best interests of the Utility's customers. Applicant is a Class C water and wastewater utility as defined by Rule 25-30.115(1), Florida Administrative Code ("F.A.C."). Its 1998 historic revenues totalled \$77,270 for water service. In support of this request for a limited proceeding rate increase, the Applicant states as follows:

Conservation Rate Structure

(1) It was recently determined, by SWRMD during the water use permit renewal process, that Water Oak has excessive water usage on a per capita basis within its certificated service territory.

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DOCUMENT HUMBER-DATE

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FPSC-RECORDS/REPORTING

(2) As part of overall conservation measures required during negotiations of the conditions for issuance of the new water use permit, the SJRMD demanded that Water Oak revise its rate structure so as to implement a conservation oriented rate structure. The Utility has metered many previously unmetered customers, has accumulated data, and is now prepared to implement a conservation rate structure upon PSC approval.

New Hydropneumatic Tanks

- (3) The Utility also recently found itself, during inspection of its facilities, to be in need of the addition of two new hydropneumatic tanks.
- (4) The one existing 20,000 gallon hydropneumatic tank which the Utility has utilized since its inception, sprung a leak. The Utility's consulting engineer inspected the tank and found that the tank was in such a state of disrepair and so old that it required replacement. In addition, the engineer noted that under current DEP Rules (Chapter 62.550, FAC), the Utility had reached a level of flows within its water system that required a second hydropneumatic tank. As such, the Utility has been required to invest \$78,000 in the addition of these two new hydropneumatic tanks. One of the tanks is in place and currently providing service and the other is under contract and in the process of installation and will be in service within approximately sixty days.
- (5) To complete the additional revenue requirement related to these tanks, the Utility has utilized the PSC guidelines for

depreciation pursuant to Chapter 25-30.140, and the last authorized rate of return for Water Oak, as established pursuant to Commission Order No. 16528 issued on August 27, 1986, which is 12.65%. Therefore, the total revenue requirement (before regulatory assessment fees) necessary in order to allow the Utility a recovery of these costs and a fair return on the investment in the new hydropneumatic tanks is \$14,826.

Rates

- (6) The Utility is proposing that the Commission allow it to adopt a new rate structure based upon a base facility charge and three distinct levels of usage charges in order to allow full recovery of the Utility's historic test year calendar 1998 revenues plus the additional \$22,956 related to the recovery of the costs related to new hydropneumatic tanks and legal and engineering costs related to this proceeding and the SJRMD water use permitting proceeding:
 - (a) Tier One 0-5,0000 Gallons/Month The first tier of consumption is proposed to be charged at the same low level that the Utility has charged customers in the past (\$.51/1,000 gallons). This would apply to all monthly consumption between 0 5,000 gallons/ERCs.
 - (b) <u>Tier Two 5,000-10,000 Gallons/Month</u> The Utility proposes to utilize a consumption

charge of \$1.15/1,000 gallons for the second tier. This rate has been calculated based upon recovery of the Utility's full revenue requirement within the first and second tiers of the inclining block rate structure, assuming a 2% drop reduction in consumption at this middle tier (monthly usage of between 5 and 10,000 gallons/ERC). The calculations underlying this are included within the schedules attached hereto and made a part hereof as "Exhibit A".

- Tier Three 10,000 or More Gallons/Month The final tier of rates is for usage over
 10,000 gallons/month/ERC. The Utility is
 proposing that this third tier of the inclining block rate structure be double that of the
 middle tier in order to encourage conservation
 within the Utility's service area. The Utility roughly estimates that consumption within
 this third tier will be reduced by approximately 25%.
- (7) Finally, the Utility proposes that all revenues derived from the highest tier of its three tiered inclining block rate structure will be deposited and held in a separate account and utilized only for conservation measures. The Commission approved a similar rate

structure and arrangement in Docket No. 960305-WS in the Original Certificate Application of Little Sumter Utilities, Inc.

Attachments

- (8) We are attaching hereto copies of a group of five tables which support this application for a limited proceeding rate increase and rate restructuring. These are as prepared by Mr. Gary Morse and Excel Engineering Consultants, Inc., consultants to Water Oak. These tables provide the following information:
 - Table 1 Summary of Customer Water Usage Data This table provides water usage data for Water Oak customers, including: number of active accounts, total usage per month, average monthly usage by account, average daily usage by account and by person.
 - Table 2 Water Billing Summary for Most Recent 12 Months This schedule provides a billing analysis showing consumption at the three different consumption levels for the calendar year 1998 and the number of bills in each category and the revenue derived therefrom.
 - Table 3 Water Oak Additional Revenue Requirements This table shows a calculation of the additional revenue which the Utility must recover in order to recover costs related to this proceeding, water use permitting, and recovery of the costs related to the new hydropneumatic tanks.
 - Table 4 Water Billing Summary for 1998 This table shows actual consumption, number of bills at the various consumption levels, the revenue derived from each and calculates, and the reduced consumption and revenues derived under the various consumption levels based upon the price elasticity of demand assumptions.
 - Table 5 Proposed Rate Restructuring Water This schedule shows the development of the actual rates in the various categories and the revenues to be derived therefrom based upon the actual gallonage and the price elasticity assumptions as previously calculated.

- (9) Attached hereto as "Exhibit B" is a copy of the contract showing the actual cost of the new hydropneumatic tanks required to be installed in order for the Utility to continue to comply with the requirements of DEP rules.
- (10) Attached as "Exhibit C" are copies of tariff sheets as requested in order to implement the proposed rate change outlined herein.
- (11) Attached hereto is a check in the amount of \$1,000 for the filing fee pursuant to Commission Rule 25-30.020(2)(g)(4).

WHEREFORE, Water Oak Utilities Co., Inc. hereby requests that the Florida Public Service Commission expeditiously review this Application and the attachments thereto and grant to the Utility increased and restructured rates in accordance with this Application.

Respectfully submitted this day of March, 1999, by:

ROSE, SUNDSTROM & BENTLEY, LLP 2548 Blairstone Pines Drive Tallahassee, Florida 32301 (850) 877-6555_

F. MARSHALL DETERDING

wateroak\limited.app

WATER OAK UTILITIES COMPANY, INC.
Schedules (Tables 1-6)

Table 1

Water Oak Utilities Company, Inc. Summary of Customer Water Usage Data

| Line No. | | Number of Actively Billed Accounts[1] | Water Consumption (Gallons)[1] | Average Usage Per Month Per Account | Average Daily Use Per Account | Average Daily Use Per Person[3] |
|-------------|------------|---------------------------------------|--------------------------------------|--|--|---------------------------------------|
| 1 | January 97 | 477 | [2] | N/A | N/A | N/A |
| 2 | February | 478 | [2] | N/A | N/A | N/A |
| 3 | March | 482 | [2] | N/A | N/A | N/A |
| 4 | April | 483 | [2] | N/A | N/A | N/A |
| 5 | May | 487 | 5,353,502 | 10,993 | 355 | 203 |
| 6 | June | 488 | 6,221,253 | 12,748 | 425 | 243 |
| 7 | July | 489 | 5,469,485 | 11,185 | 361 | 206 |
| 8 | August | 493 | 6,106,873 | 12,387 | 400 | 228 |
| 9 | September | 494 | 5,763,640 | 11,667 | 389 | 222 |
| 10 | October | 498 | 6,073,076 | 12,195 | 393 | 225 |
| 11 | November | 504 | 4,142,257 | 8,219 | 274 | 157 |
| 12 | December | 506 | 3,308,663 | 6,539 | 211 | 121 |
| 13 | Total | | 42,438,749 | | | |
| 14 | January 98 | 508 | 4,368,650 | 8,600 | 277 | 159 |
| 15 | February | 510 | 2,387,971 | 4,682 | 167 | 96 |
| 16 | March | 517 | 6,048,897 | 11,700 | 377 | 216 |
| 17 | April | 518 | 7,627,715 | 14,725 | 491 | 280 |
| 18 | May | 523 | 6,875,537 | 13,146 | 424 | 242 |
| 19 | June | 523 | 7,909,975 | 15,124 | 504 | 288 |
| 20 | July | 542 | 7,134,892 | 13,164 | 425 | 243 |
| 21 | August | 538 | 5,407,380 | 10,051 | 324 | 185 |
| 22 | September | 535 | 4,552,969 | 8,510 | 284 | 162 |
| 23 | October | 542 | 7,728,424 | 14,259 | 460 | 263 |
| 24 | November | 557 | 6,405,147 | 11,499 | 383 | 219 |
| 25 | December | 564 | 5,413,133 | 9,598 | 310 | 177 |
| 26 | Total | | 71,860,690 | | | |

Footnotes:

- [1] Monthly bill data provided by Sun Communities.
- [2] Billing data not readily available from Sun Communities.
- [3] Assumes 1.75 persons per account per information provided by Excel Engineering Consultants, Inc.



Table 2
Water Oak Utilities Company, Inc.
Water Billing Summary For The Most Recent 12 Months

| | | | | | | | Average | | <u>Pres</u> e | nt Rate Revenue | e - Wa | ter |
|----------------------|----------------|--------------------------------|------------|-------------------|------------------------|------------------|----------|----|---------------|-----------------|--------|--------|
| Line | | Usage | Number | Percent of | Consumptio | | Use Per | | Base | Gallons | _ | Total |
| <u>No.</u> | Month | Levels | of Bills | Total | (Gallons) | Total | Bill | | harges | Charges | R | evenue |
| | | | | | | | | | | | | |
| 1 | January 1998 | Zero Bills | 9 | | 0 | | | | | | | |
| 2 | | 0 to 5,000 | 194 | 38.19% | 2,154,108 | 49.31% | | | | \$ 1,099 | | |
| 3 | | 5,001 to 10,000 | 170 | 33.46% | 1,084,111 | 24.82% | | | | 553 | | |
| 4 | | Over 10,000 | 144 | 28.35% | 1,130,431 | 25.88% | 0.600 | ¢ | 2 226 | 577 | • | E 404 |
| 5 | | Total | 508 | | 4,368,650 | | 8,600 | \$ | 3,236 | 2,228 | \$ | 5,464 |
| 6 | February 1998 | Zero | 19 | 3.73% | 0 | | | | | | | |
| 7 | | 0 to 5,000 | 353 | 69.22% | 1,644,612 | 68.87% | | | | 839 | | |
| 8 | | 5,001 to 10,000 | 96 | 18.82% | 478,460 | 20.04% | | | | 244 | | |
| 9 | | Over 10,000 | 61 | 11.96% | 264,899 | 11.09% | * | | | 135 | | |
| 10 | | Total | 510 | | 2,387,971 | | 4,682 | \$ | 3,249 | 1,218 | \$ | 4,467 |
| 11 | March 1998 | Zero | 23 | 4.45% | 0 | | | | | | | |
| 12 | | 0 to 5,000 | 91 | 17.60% | 2,338,337 | 38.66% | | | | 1,193 | | |
| 13 | | 5,001 to 10,000 | 153 | 29.59% | 1,784,463 | 29.50% | | | | 910 | | |
| 14 | | Over 10,000 | 273 | 52.80% | 1,926,097 | 31.84% | | | | 982 | | |
| 15 | | Total | 517 | | 6,048,897 | | 11,700 | \$ | 3,293 | 3,085 | \$ | 6,378 |
| 16 | April 1998 | Zero | 13 | 2.51% | 0 | | | | | | | |
| 17 | | 0 to 5,000 | 64 | 12.36% | 2,378,556 | 31.18% | | | | 1,213 | | |
| 18 | | 5,001 to 10,000 | 91 | 17.57% | 2,058,401 | 26.99% | | | | 1,050 | | |
| 19 | | Over 10,000 | 363 | 70.08% | 3,190,758 | 41.83% | | | | 1,627 | | |
| 20 | | Total | 518 | | 7,627,715 | | 14,725 | \$ | 3,300 | 3,890 | \$ | 7,190 |
| 24 | May 1000 | 700 | 21 | 4.02% | 0 | | | | | | | |
| 21 | May 1998 | Zero | | | 2,379,775 | 34.61% | | | | 1,214 | | |
| 22 | | 0 to 5,000 | 75 120 | 14.34% 22.94% | 1,975,745 | 28.74% | | | | 1,008 | | |
| 23 24 | | 5,001 to 10,000 Over 10,000 | 328 | 62.72% | 2,520,017 | 36.65% | | | | 1,285 | | |
| 2 4 25 | | Total | 523 | 02.7276 | 6,875,537 | 30.007 | 13,146 | \$ | 3,332 | 3,507 | \$ | 6,838 |
| 25 | | lotai | 525 | | 0,070,007 | | 10, 1 10 | • | 0,002 | 0,007 | • | 0,000 |
| 26 | June 1998 | Zero | 18 | 3.44% | 0 | | | | | | | |
| 27 | | 0 to 5,000 | 64 | 12.24% | 2,406,447 | 30.42% | | | | 1,227 | | |
| 28 | | 5,001 to 10,000 | 78 | 14.91% | 2,118,318 | 26.78% | | | | 1,080 | | |
| 29 | | Over 10,000 | 381 | 72.85% | 3,385,210 | 42.80% | | | | 1,726 | | |
| 30 | | Total | 523 | | 7,909,975 | | 15,124 | \$ | 3,332 | 4,034 | \$ | 7,366 |
| 31 | July 1998 | Zero | 23 | 4.24% | 0 | | | | | | | |
| 32 | daily 1550 | 0 to 5,000 | 108 | 19.93% | 2,408,551 | 33.76% | | | | 1,228 | | |
| 33 | | 5,001 to 10,000 | 165 | 30.44% | 1,760,254 | 24.67% | | | | 898 | | |
| 34 | | Over 10,000 | 269 | 49.63% | 2,966,087 | 41.57% | | | | 1,513 | | |
| 35 | | Total | 542 | | 7,134,892 | | 13,164 | \$ | 3,453 | 3,639 | \$ | 7,091 |
| | 4 4.000 | - | 0.4 | 4.460/ | 0 | | | | | | | |
| 36 | August 1998 | Zero | 24 | 4.46% | 0 | 42.84% | | | | 1,181 | | |
| 37 | | 0 to 5,000 | 130 | 24.16% 31.23% | 2,316,257 1,639,467 | 30.32% | | | | 836 | | |
| 38 39 | | 5,001 to 10,000 Over 10,000 | 168 240 | 44.61% | 1,451,656 | 26.85% | | | | 740 | | |
| 40 | | Total | 538 | .0770 | 5,407,380 | 20.0070 | 10,051 | \$ | 3,427 | 2,758 | \$ | 6,185 |
| | | | | | | | | | | · | | |
| 41 | September 1998 | | 19 | 3.55% | 0 | 40.044/ | | | | | | |
| 42 | | 0 to 5,000 | 180 | 33.64% | 2,269,286 | 49.84% | | | | 1,157 674 | | |
| 43 | | 5,001 to 10,000 | 180 | 33.64% | 1,320,947 962,736 | 29.01% 21.15% | | | | 491 | | |
| 44 45 | | Over 10,000 Total | 175 535 | 32.71% | 4,552,969 | 21.1370 | 8,510 | \$ | 3,408 | 2,322 | \$ | 5,730 |
| .5 | | , 0.01 | 400 | | | | , | _ | -, | _, | | · |
| 46 | October 1998 | Zero | 10 | 1.85% | 0 | | | | | | | |
| 47 | | 0 to 5,000 | 69 | 12.73% | 2,504,187 | 32.40% | | | | 1,277 | | |
| 48 | | 5,001 to 10,000 | 91 | 16.79% | 2,164,583 | 28.01% | | | | 1,104 | | |
| 49 | | Over 10,000 | 382 | 70.48% | 3,059,654 | 39.59% | 14.250 | • | 2 452 | 1,560 | œ. | 7 304 |
| 50 | | Total | 542 | | 7,728,424 | | 14,259 | \$ | 3,453 | 3,941 | J | 7,394 |
| 51 | November 1998 | Zero | 8 | 1.44% | 0 | | | | | | | |
| 52 | | 0 to 5,000 | 83 | 14.90% | 2,568,866 | 40.11% | | | | 1,310 | | |
| 53 | | 5,001 to 10,000 | 166 | 29.80% | 2,004,886 | 31.30% | | | | 1,022 | | |
| 54 | | Over 10,000 | 308 | 55.30% | 1,831,395 | 28.59% | | | | 934 | | |
| 55 | | Total | 557 | | 6,405,147 | | 11,499 | \$ | 3,548 | 3,267 | S | 6,815 |
| 56 | December 1998 | Zero | 7 | 1.24% | 0 | | | | | | | |
| 57 | Describer 1990 | 0 to 5,000 | 136 | 24.11% | 2,520,719 | 46.57% | | | | 1,286 | | |
| 58 | | 5,001 to 10,000 | 207 | 36.70% | 1,580,306 | 29.19% | | | | 806 | | |
| 59 | | Over 10,000 | 221 | 39.18% | 1,312,108 | 24.24% | | | | 669 | | |
| 60 | | Total | 564 | | 5,413,133 | | 9,598 | \$ | 3,593 | 2,761 | \$ | 6.353 |
| | T 1-16-14 | | | | | | | \$ | 40.604 | 6 20.040 | • | 77 070 |
| 61 | Total for Year | | | | | | | 2 | 40,621 | \$ 36,649 | 2 | 77,270 |

Table 3 Water Oak Utilities Company, Inc. Additional Revenue Requirements

| Line No. | Description | Additional Costs |
|---------------|---|-------------------------|
| 1 | Cost of Hydropneumatic Tanks | \$80,000 |
| 2 3 | Annual Depreciation [1] Additional Revenue Requirement | <u>5.88%</u> \$4,706 |
| 4 5 | Rate of Return [2] On Hydropneumatic Tanks Additional Revenue Requirement | 12.65% \$10,120 |
| | Cost of Filing: | · |
| 6 | Filing Fee | 1,000 |
| 7 | Legal (Estimated) | 5,000 |
| 8 | Rate/Financial Consulting | 12,390 |
| 9 | Subtotal | \$18,390 |
| 10 | Amortization Period(yrs.) | 4 |
| 11 | Additional Annual Revenue Requirement | 4,598 |
| 12 | Engineering CUP Related Costs | 7,500 |
| 13 | Amortization Period(yrs.) | 3 |
| 14 | Additional Annual Revenue Requirement | 2,500 |
| 15 | Total Additional Annual Revenue Requirement | \$21,923 |
| 16 | Total Adjusted for Gross Receipts Tax [3] | \$22,956 |

Fcotnotes:

- [1] Based on FPSC Depreciation rates per Chapter 25-30.140 (Acct 320 17 yr. Life)
 Original tank was assumed to be fully depreciated. See contract attached for original installed cost of tanks.
- [2] Rate of return authorized in Order # 16528 dated August 27, 1986 (Original Certificate).
- [3] Amount on line 15 divided by .955

Table 4

Water Oak Utilities Company, Inc.

Water Billing Summary For 1888

| | | | | • | | • | | | | | | | | 4 (4) | |
|---------------------------|----------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | | | Janua; y | February | March | April | May | - June | July | August | September | October | November | December | Totals |
| lumber of Bills | | | 508 | 510 | 517 | 518 | 523 | 523 | 542 | 538 | 535 | 542 | 557 | 564 | 6,37 |
| tumber of (0) Bill | ls | | 9 | 19 | 23 | 13 | 21 | 18 | 23 | 24 | 19 | 10 | 8 | 7 | 19 |
| lumber of Negati | | | 0 | 0 | 0 | 1 | 0 | 0 | C | . 0 | 0 | 0 | 0 | , 0 | |
| iumher of Bills < | 100 gal | | 13 | 24 | 23 | 17 | 22 | 21 | 27 | 28 | 22 | 13 | 11 | 8 | 2 |
| otal Gallons | | | 4,368,650 | 2,387,971 | 6,048,897 | 7,627,715 | 6,875,537 | 7,909,975 | 7,134,892 | 5,407,380 | 4,552,969 | 7,728,424 | 6,405,147 | 5,413,133 | 71,860,6 |
| Aadad mumuset | Craiions | | 77,410 | 31,010 | 120,895 | 65,927 | 56,050 | 50,720 | 183,220 | 51,040 | 36,550 | 44,540 | 39,660 | 69,607 | 826,6 |
| itualist of Ailla < | | 1,000 | 25 | 48 | 29 | 24 | 35 | 30 | 37 | 44 | 36 | 26 | 23 | 21 | 3 |
| lumber of Bills 1, | ,001 tu | 5,000 | 169 | 305 | 62 | 40 | 40 | 34 | 71 | 86 | 144 | 43 | 60 | 115 | 1,1 |
| tumber of Hills 5, | ,001 to | 10,000 | 170 | 96 | 153 | 91 | 120 | 78 | 165 | 168 | 180 | 91 | 166 | 207 | 1,6 |
| umber of Bills 10 | 0,001 to | 20,000 | 109 | 57 | 208 | 237 | 235 | 252 | 194 | 193 | 143 | 273 | 255 | 184 | 2,3 |
| lumber of Bills 20 | 0,601 to | 50,990 | 32 | 4 | 54 | 123 | 9} | 128 | 61 | 46 | 32 | 109 | 53 | 36 | 7 |
| umber of Bills > | 50,000 | | . 3 | 0 | 1 | 3 | 2 | 1 | 14 | 1 | 0 | 0 | 0 | 1 | |
| Rate Blocks | , | | | | | | | | | | | | | | |
| First | 5,000 | <u> চুখা</u> | 2,154,108 | 1,644,612 | 2,333,337 | 2,378,556 | 2,379,775 | 2,406,447 | 2,408,551 | 2,316,257 | 2,269,286 | 2,504,187 | 2,568,866 | 2,520,719 | 27,889,7 |
| Next | t 5,000 | gal | 1,084,111 | 478,460 | 1,784,463 | 2,058,401 | 1,975,745 | 2,118,318 | 1,760,254 | 1,639,467 | 1,320,947 | 2,164,583 | 2,004,886 | 1,580,306 | 19,969,9 |
| Over | r 10,000 | gai | 1,130,431 | 264,899 | 1,926,097 | 3,190,758 | 2,520,017 | 3,385,210 | 2,966,087 | 1,451,656 | 962,736 | 3,059,654 | 1,831,395 | 1,312,108 | 24,001,0 |
| xisting Revenues | | | | | | | | | | | | | | | |
| use Charge | \$6.37 | /month | \$3,235.96 | \$3,248.70 | \$1,293.29 | \$3,299.66 | \$3,331.51 | \$3,331.51 | 83,452.54 | \$3,427.06 | \$3,407.95 | \$3,452.54 | \$3,548 09 | \$3,592.68 | \$40,6 |
| iego Charge | 0.00051 | /gr.l | 2,228.01 | 1,217.87 | 3,084.94 | 3,890.13 | 3,506.52 | 4,034.09 | 3,638.79 | 2,757.76 | 2,322.01 | 3,941.50 | 3,266.62 | 2,760.70 | 336,6 |
| Total Revenue | | | \$5,453.97 | \$4,466.57 | £6,378.23 | \$7,189.79 | \$6,838.03 | \$7,365.60 | \$7,091.33 | \$6,184.82 | \$5,729.96 | \$7,394.04 | \$6,814.71 | \$6,353.38 | 377,2 |
| | | | | | | | | | | | | | | | |
| Topesad Revenue | nes | | | | | | | | | | | | | | |
| osc Charge | ¥9.97 | Amenti | \$5,064.76 | \$5,084.70 | \$5,154.49 | \$5,164.46 | \$5,214,31 | \$5,214.31 | \$5,403.74 | \$5,363.86 | \$5,333.95 | \$5,403.74 | \$5,553.29 | \$5,623.08 | \$63,5 |
| Jsumed Price El | lasticity Fact | ora: | | | | | | | | | | | | | |
| irst Block | 0.00 | | | | | | | | | | | | | | |
| econd Block | (0.02 | | | | | | | | | | | | | | |
| hird Block | (0.25 | * | | | | | | | | | | | | | |
| | (5.55 | | | | | | | • | | | | | | • | |
| issumed Reducti | | • | | | | | | | • | | | | | | |
| irst Block | 03 | | | | | | | | | | | | | | |
| eccal block | 25 | | | | | | | | | | | | | | |
| Third Block | 259 | K. | | | | | | | | | | | | | |
| idjusted Consum | nptien: | | | | | | | | | | | | | | |
| irst Block | | | 2,154,108 | 1,644,612 | 2,338,337 | 2,378,556 | 2,379,775 | 2,406,447 | 2,408,551 | 2,316,257 | 2,269,286 | 2,504,187 | 2,568,866 | 2,520,719 | 27,889,7 |
| econd Block | | | 1,062,429 | 463,891 | 1,748,774 | 2,017,233 | 1,936,230 | 2,075,952 | 1,725,049 | 1,606,678 | 1,294,528 | 2,121,291 | 1,964,788 | 1,548,700 | 19,570,5 |
| hird Block | | | 847,823 | 198,674 | 1,444,573 | 2,393,069 | 1,890,013 | 2,538,908 | 2,224,565 | 1,088,742 | 722,052 | 2,294,741 | 1,373,546 | 984,081 | 18,000,7 |
| | | | 4,064,360 | 2,312,177 | 5,531,683 | 6,788,857 | 6,206,018 | 7,021,306 | 6,358,165 | 5,013,677 | 4,285,866 | 6,920,219 | 5,907,201 | 5,053,500 | |
| evenue Test-U | | | | | | | • | | | | | | | | |
| WSL 5,000 | 0.0005 | • | 1,098.60 | 838.75 | 1,192.55 | 1,213.06 | 1,213.69 | 1,227.29 | 1,228.36 | 1,181.29 | 1,157.34 | 1,277.14 | 1,310.12 | 1,285.57 | \$14,3 |
| | 0.0011 | /gel | 1,221.79 | 539.22 | 2,011.09 | 2,319.82 | 2,226.66 | 2,387.34 | 1,983.81 | 1,847.68 | 1,488.71 | 2,439.49 | 2,259.51 | 1,781.00 | \$22,5 |
| Next 5,000 | 4.4411. | | | | | | | | | | | | | | |
| Next 5,000 Over 10,000 | 0.00230 | gal (| 1,949.99 | 456.95 | 3,322.52 | 5,504.06 | 4,347.03 | 5,839.49 | 5,116.50 | 2,504.11 | 1,660.72 | 5,277.90 | 3,159.16 | 2,263.39 | \$41,4 |

3/1/99;

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Table 5

Water Oak Utilities Company, Inc.

Proposed Rate Restructuring - Water

| Line No. | | |
|-------------|--|---|
| 1 | Development of Base Charge: Revenue Required Under Revenue Neutral Basis | \$40,621 |
| 2 | Additional Revenue Requirement from Table 3 | \$22,956 |
| 3 | Adjusted Revenue Requirement | \$63,578 |
| 4 | Number of Bills Rendered | 6,377 |
| 5 | Proposed Base Charge per Month (calculated) | \$9.97 |
| 6 | Proposed Base Charge per Month | \$9.97 |
| 7 | Development of Essential Use First Block Rate (<6,000 Gal Use P Gallons Billed in First Block [1] | er Month) 27,889,701 |
| 8 | Existing Rate per Thousand Gallons | \$0.51 |
| 9 | Revenue Generated by First Block(line 1 times line 2) | \$14,224 |
| 10 | First Block Price Elasticity Factor | N/A |
| 11 | Percent Increase in Usage Rate | N/A |
| 12 | Estimated Reduction in First Block Usage | N/A |
| 13 | Davelopment of Discretionary Use Second Block Rate (Use betwee Gallons Billed in Second Block | cen 5,900 and 10,000 Ga 19, 96 9,941 |
| 14 | Assumed Frice Elasticity Factor | -0.02 |
| 15 | Percentage Increase in Usage Rate | 127% |
| 16 | Estimated Percent Reduction in Consumption | 2.00% |
| 17 | Assumed Decrease in Water Sales | (399,399) |
| 16 | Adjusted Gallon Billed in Second Block | 19,570,542 |
| 19 | Revenue Required for Revenue Neutral Status To Be Achieved By The First Two Usage Blocks | \$22,425.20 |
| 20 | Resulting Second Block Rate Per 1,000 Gallons (rounded) | \$1.15 |
| | Development of Third Block Conservation Rate For Excess Usa Above 10,000 Gailons: | |
| 21 | Third Block Price Elasticity Factor | -0.25 |
| 22 | Percent Increase in Usage Rate | 100% |
| 23 | Estimated Reduction in Third Block Usage | 25% |
| 24 | Galicons Silled Third Block | 24,001,048 |
| 25 | Assumed Decrease in Water Billed | (6,000,262) |
| 25 | Adjusted Gallons Billed | 18,000,786 |
| 27 | Rate for Third Block | \$2.30 |
| 26 | Estimated Third Block Usage Revenue | \$41,402 |

Table 6

Water Oak Utilities Company, Inc. Comparison of Typical Monthly Water Bills

| | | Typical Mon | thly Water Bill | | |
|------|-----------|-------------------------|-----------------|---------------|----------|
| Line | Usage | Present | Proposed | Increase | Percent |
| No. | (Gallons) | Rates | Rates(*) | (\$) | Increase |
| | | | - | | |
| 1 | 0 | \$ 6.37 | \$9 .97 | \$3.60 | 56.51% |
| 2 | 1,000 | \$6.88 | \$10.48 | \$3.60 | 52.33% |
| 3 | 2,000 | \$ 7. 3 9 | \$10.99 | \$3.60 | 48.71% |
| 4 | 3,000 | \$7.90 | \$1 1.50 | \$3.60 | 45.57% |
| 5 | 4,000 | \$8.41 | \$12.01 | \$3.60 | 42.81% |
| 6 | 5,000 | \$8.92 | \$12.52 | \$3.60 | 40.36% |
| 7 | 6,000 | \$9.43 | \$13.67 | \$4.24 | 44.96% |
| 8 | 8,000 | \$10.45 | \$15 .97 | \$5.52 | 52.82% |
| 9 | 10,000 | \$11.47 | \$18.27 | \$6.80 | 59.29% |
| 10 | 12,000 | \$12.49 | \$22.87 | \$10.38 | 83.11% |
| 11 | 15,000 | \$14.02 | \$29.77 | \$15.75 | 112.34% |
| 12 | 18,000 | \$15.55 | \$36.67 | \$21.12 | 135.82% |
| 13 | 20,000 | \$16.57 | \$41.27 | \$24.70 | 149.06% |
| 14 | 25,000 | \$19.12 | \$5 2.77 | \$33.65 | 175.99% |
| 15 | 30,000 | \$21.67 | \$64.27 | \$42.60 | 196.59% |
| 16 | 35,000 | \$24.22 | \$75.77 | \$51.55 | 212.84% |

^{*} Does not recognize the effects of potential water use reductions as a result of the price elasticity impact from the proposed water conservation rate adjustment. Nor does it reflect the potential benefits from the use of escrow funds to conduct water conservation efforts/programs on behalf of the utilities customers/homeowners.

WATER OAK UTILITIES COMPANY, INC.

Contract Showing Cost of Tanks Required

WAYNE'S DIVERSIMED SERVICES

WDS

P.O. Box 5177 Deltona, FL 32728 Office: (407) 574-7938 Fax: (407) 574-6285 New & Used Water & Wastewater Treatment Equipment

Aug. 6, 1998

WATER OAKS COUNTRY CLUB
216 Magnolia Dr.
Lady Lake, Fl. 32159
Att: Ms. Gabriel Umbel
Re: water plant renovations

Dear Ms. Umbel,

Thank you for the invitation to place a bid with your firm on the above referenced project. At this time we are pleased to present the following scope of work and price for your approval:

WDS will furnish all labor, equipment and material to facilitate the the modifications and up grades as shown on EXCEL ENGINEERING plans dated 7/28/98. WDS will furnish and install 2-20,000 gallon pressure vessels. One will be installed on a new slab and piers constructed by WDS and 1 will be installed on exsisting slab and piers after the removal of exsisting tank. WDS will furnish all testing of tanks and lines and furnish engineer with lab results. All work and materials will be warranted for a period of 1 year from date of "start-up"

Our price for the above scope of work is \$78,430.00. If you should have any questions, please feel free to call. We look forward to working with you on this project and again, thank you for this opportunity.

Sincerely,

Wayne D. Shelar



WATER OAK UTILITIES COMPANY, INC.
Revised Tariff Sheets

WATER OAK UTILITIES COMPANY, INC WATER TARIFF

FIRST REVISED SHEET NO. 16.0 CANCELS ORIGINAL SHEET NO. 16.0

GENERAL SERVICE

RATE SCHEDULE GS

<u>AVAILABILITY</u> - Available throughout the area served by the

Company.

<u>APPLICABILITY</u> - For water service to all customers for which

no other schedule applies.

<u>LIMITATIONS</u> - Subject to all Rules and Regulations of this

Tariff and General Rules and Regulations of

the Commission.

BILLING PERIOD - Monthly

RATE -

| Meter Size | Base Facility Charge |
|---------------------|----------------------|
| 5/8" x 3/4" 3/4" | \$ 9.97 14.96 |
| 1" | 24.93 |
| 1-1/2" | 49.85 |
| 2" | 79.76 |
| 3 " | 159.52 |
| 4 " | 249.25 |
| 6 " | 498.50 |

Charge per 1,000 gallons \$.51

TERMS OF PAYMENT - Bills are due and payable when rendered and become delinquent if not paid within (20) days. After five (5) working days written notice, service may then be discontinued.

EFFECTIVE DATE -

Jonathan Colman ISSUING OFFICER

TYPE OF FILING - Limited Proceeding

<u>Vice President</u> TITLE



FIRST REVISED SHEET NO. 17.0 CANCELS ORIGINAL SHEET NO. 17.0

RESIDENTIAL SERVICE

RATE SCHEDULE RS

AVAILABILITY - Available throughout the area served by the Company.

<u>APPLICABILITY</u> - For water service for all purposes in private residences and individually metered apartment units.

<u>LIMITATIONS</u> - Subject to all of the Rules and Regulations of this Tariff and General Rules and Regulations of the Commission.

BILLING PERIOD - Monthly

RATE -

| Meter Size | Base Facility Charge |
|-------------------------------------|---|
| 5/8" x 3/4" 3/4" 1" 1-1/2" 2" 3" 4" | \$ 9.97 14.96 24.93 49.85 79.76 159.52 249.25 |
| o | 498.50 |

Charge per 1,000 gallons

TERMS OF PAYMENT - Bills are due and payable when rendered and become delinquent if not paid within (20) days. After five (5) working days written notice, service may then be discontinued. (Written notice is to be mailed to the customer separate and apart from any other bill.)

\$.51

EFFECTIVE DATE -

<u>Jonathan Colman</u>
ISSUING OFFICER

TYPE OF FILING - Limited Proceeding

<u>Vice President</u> TITLE DEPOSIT

DATE

90 MAR - 2 PM 4: 26

Application of Water Oak Utilities, Co. Inc. for D095 limited proceeding increase and restructuring of water rates.

MAR 03 1999

RECORDS AND

Docket No.

APPLICATION FOR LIMITED PROCEEDING INCREASE IN WATER RATES

Applicant, Water Oak Utilities Co., Inc. (hereinafter "Water Oak", "Applicant" or "Utility"), pursuant to Sections 367.0822 and 367.081(1)(a) and (3), Florida Statutes, files this Application for limited proceeding increase in water rates for service provided to the Utility's system in Lake County, Florida, based upon the costs ACK . associated with the St. Johns River Management District's ("SJRMD") **AFA** required institution of conservation rate structure, and to recover APP the cost of new hydropneumatic tanks necessitated by DEP require-CAF CMU The change in billing method will increase costs slightly CTR but is in the best interests of the Utility's customers. EAG -is a Class C water and wastewater utility as defined by Rule 25 **LEG** LIN 30.115(1), Florida Administrative Code ("F.A.C."). 1998; Its OPC historic revenues totalled \$77,270 for water service. In support **RCH** SEC .. of this request for a limited proceeding rate increase, WAS ._ Applicant states as follows: OTH .. 21297 ROSE, SUNDSTROM & BENTLEY, LLP OPERATING ACCOUNT PH 877-6555 63-68/631

2548 BLAIRSTONE PINES DRIVE TALLAHASSEE, FL 32301

BRANCH 002

DATE March 2, 1999

ORDER OF Florida Public Service Commission

\$ | *1.000.00*

DOLLARS 1 Security Included. One Thousand and 00/100---

Capital City

FOR

#O 2 1 2 9 7 14