## REQUEST TO ESTABLISH DOCKET (PLEASE TYPE)

te <u>12/9/98</u>	Docket No. 981825-5
Division Name/Staff Name Water and Wastewate	er
OPR Dewberry, Butts	
. OCR	
. Suggested Docket Title Application by Trade or wastewater only flat rates in Marion County	ewinds Utilities, Inc. for approval for a new class of service
. Suggested Docket Mailing List (attach separa	ate sheet if necessary)
A. Provide NAMES ONLY for regulated companias shown in Rule 25-22.104, F.A.C. B. Provide COMPLETE name and address for al	es or ACRONYMS ONLY regulated industries, l others. ( <u>Match representatives to clients.</u> )
1. Parties and their representatives (if	any)
harles deMenzes	
.O. Box 5220	
cala, FL 34478-5220	
2. Interested Persons and their represen	ntatives (if any)
6. Check one:	
Documentation is attached.	ided with the meanmandrife-
Documentation will be provi	ided with the recommendation.
I:PSC\RAR\\P\ESTDKT.	
PSC/RAR 10 (Revised 01/96)	

DOCUMENT NUMBER - DATE

13852 DEC-9開

FPSC-RECORDS/REPORTING

Tradewinds Utilities, Inc.
P.O. Box 5220
Ocala, Fl 34478-5220
352-622-4949

RECEIVED

DEC 0 8 1998

Florida Public Service Commission
Division of Water and Wastewater

December 3 1998

Mr. Troy Rendell Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

RE: Application for New Class of Service

Dear Mr. Rendell,

Tradewinds Utilities has submitted and has been approved for an extension into an existing commercial subdivision in Marion County, Florida. As such, we have notified all affected property owners of the availability of water and wastewater in said area. The area in question has had considerable problems with contaminated wells and septic tank problems. The Marion County Health Department has been asking Tradewinds to extend its territory in this area for quite a few years.

As part of this extension, Tradewinds has received funding from two different sources, 1) the State of Florida Revolving Fund administered by the Department of Environmental Protection and 2) a local Financial Institution. The SRF Loan (\$630,000) was for the water portion of the extension and the local Institutional Financing (\$280,000) was for the wastewater extension.

Some of the property owners have indicated their unwillingness to accept water service and we do not have a Wastewater only class of service. Per the design by our engineer and acceptance by DEP, the service to be provided to most of the buildings is required to be 2" service. There are twenty-six (26) buildings of this category. There are six (6) building requiring 1" service. Service is currently being provided to this area.

The current wastewater base facility charge for 1" service is \$44.53 and for 2" is \$142.48. For the purpose of our request, we are submitting the attached analysis using our current residential usage in Tradewinds Village over the last 12 months. We also are submitting our cost of investment (wastewater only) and the repayment of same.

For the calculations attached, the following are the guidelines used based on the type of intended service.

## Page 2

- 1. Of the 26 units, there is a mix of quads and light industrial buildings. We therefore are using our standard 2" General Service Base Facility Charge of \$142.48 and for consumption, we are using 4 times the average Tradewinds Village 12 month residential usage of 4,953 gallons per unit.
- 2. Of the 6 units, using a 1" service, the units are light industrial buildings with one or two bathrooms. We therefore are requesting a General Service Base Facility Charge of \$44.53 and would agree to use 50% of a residential gallonage or 2,400 gallons.
- 3. The Operational Expense figures are based on our current wastewater expenses through November 30, 1998. These expenses do not include salaries or management fees, just hard costs.

Please note that per FS 381.00655(1)(a), the property owners have one year to hook up to the wastewater system and Tradewinds Utilities could potentially have a loss of income for the next twelve months. In addition, per the SRF Loan agreement, Tradewinds is required to pledge its water revenues for the loan repayment. Obviously, the more we allow or make it advantageous for a property owner to just hook up to wastewater, the less water revenue we receive which results in wastewater revenue being used to cover any shortfall.

Your assistance and cooperation in this matter is respectfully requested.

Charles deMenzes

President

TW Village	# Accts	Usage	Average R	esidential				
			5/8 x 3/4					
Dec-97	148	670,332	4529					
Jan-98		665,605	452 <del>9</del> 4528					
Feb-98			4784					
Mar-98			4339					<u> </u>
Apr-98	<u> </u>	752,518	5119					
May-98		813,302	5458					
Jun-98		873,256	5900				<u></u>	<u> </u>
Jui-98	·	748,290	5056					
Aug-98			5052					
Sep-98			4857					<u>-</u>
Oct-98			4751					
Nov-98	<u> </u>	752,880	5053					
1404-90	145	732,000	3033					
12 Mo Avg	1777	8,802,014	4953	avo usage	per unit x 4	for quad.		
12 11.0 7 (19	1	0,002,01.			]		<del></del> -	
Based on th	e above av	erages: Est Usage	PP/1000	Gal Chg	Total	# Accts	Est Gross Re	venue
1" Service	44.53			14.42			\$ 4,244.40	101100
2" Service	142.48			119.07			\$81,603.60	
2 00.1100	1.72.70			1.0.0.				
	<del> </del>			,		Total	\$85,848.00	
Wastewater	Investment						<u> </u>	
Newberry B	ank	\$ 280,000						
Interest Rat		9%					7	
Term/Years		15						
Annual Deb		\$ 34,736.49						
Summary								
Gross Reve	nue	\$ 85,848.00						
ess								
PSC		\$ 3,863.16						
Annual Deb		\$ 34,736.49						
Operational		\$ 25,754.40	based on 3	0% of Gros	s Revenue	as reflected	through 11/3	0/98
Depreciation	<u> </u>	\$ 9,333.00						
	Net	\$ 12,160.95						



## MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

STRUCTURAL

LAND PLANNING

1111 N.E. 25th AVENUE, SUITE 401 OCALA, FLORIDA 34470

(352) 629-5591 FAX (352) 629-4402

November 24, 1998

Charles deMenzes P. O. Box 4230 Ocala, Florida 34470

Re: Tradewinds Water Treatment Facility

Dear Charles,

As per your request for design information on the 2" water services to the quad buildings in the George Mayo Subdivision, sound engineering practice calls for when 3 or more unit's (ERC's) require the installation of a 2" water service. As to the Marion County Utility Manual appendix F, detail W-9, a 2" water service polymer 13" x 24" meter box calls for a 2" ball valve with a 2" pack joint coupling, and 2" x 4" brass nipple with a 2" pvc threaded cap. Water pressure required at each ERC shall be maintained at a minimum of 20psi. Pressure loss through meter and fittings is suspect to a reduced pressure resulting in 80% of the design capacity.

As the owner of the facility, installing a 2" meter will satisfy the above design criteria for such dwelling units.

Design criteria is based on 10 State Standards and adopted by Marion County, the City of Ocala, and Southern Standard Building Codes.

If you have any questions, please do not hesitate to call me at (352) 629-5591.

Sincerely,

Miles C. Anderson, P.E.

MCA/ip

899999 NON-UTILITY INCOME & EXPENSE

PROFIT/LO	OSS STATEMENT AS OF 11/30/98 UNA	CUR MO	Y-T-D	% INC
400000 WATER	OPERATING REVENUES	24.1	•	
	RESIDENTIAL WATER REVENUES		72,445.07	
	COMMERCIAL WATER REVENUES	442.46	6,799.50 929.61	
	OTHER WATER REVENUES		-3,556.24	
TOTAL	REGULATORY COMMISSION EXP WATER (4.5%) WATER OPERATING REVENUES		76,617.94	100.00
520000 SEWER	OPERATING REVENUES			
522001	RESIDENTIAL SEWER REVENUE	9,440.01	104,971.35	4
	COMMERCIAL SEWER REVENUES	1,496.43	16,862.41	EXCLUDE
	REGULATORY COMMISSION EXP SEWER (4.5%)	-492.14 10.444.30	-5,476.22 · 116,357.54	EXCLUDE  60.30
TOTAL	SEWER OPERATING REVENUES	10,444.30	110,557,54	***************************************
	TILITY INCOME	0.00	0.00	0.00
TOTAL	NON UTILITY INCOME			5.00
	**********	17,435.74	192,975.48	
600000 WATER	OPERATING EXPENSE			
	MANAGEMENT FEES (40%)		29,100.00	15.08
	SALARIES & WAGES OFFICERS WATER		14,533.92 2,686.79	
	PURCHASED POWER WATER FUEL FOR POWER PRODUCTION	0.00	197.06	
	CHEMICALS	57.50	379.50	0.20
	MATERIAL & SUPPLIES WATER		2,679.28	
	CONTRACTURAL SERVICES BILLING		2,814.42	
	CONTRACTUAL SERVICES PROFESSIONAL	5,032.75 0.00		
	CONTRACTUIAL SERVICES - TESTING CONTRACTUAL SERVICES OTHER	201.10		
	TRANSPORTATION EXPENSE WATER	335.04	3,685.40	1.91
	INSURANCE EXPENSE WATER	163.75	1,559.42	0.81
675000	MISC EXPENSE WATER	0.00	151.10	
	OFFICE SUPPLIES	0.00 -22.50	577.10 448.08	
	BANK SERVICE CHARGES MAINTENANCE EXPENSE		3,159.43	
	COUNTY/DEP PERMIT FEES		2,375.00	
	CASUAL LABOR	0.00	-120.00	
	MISC EXPENSES		1,275.75	
	PAYROLL TAX WATER	13,865.71	1,106.82 93,736.55	0.57 48.57
TOTAL	WATER OPERATING EXPENSE OPERATING EXPENSE	13,0031.12	337.30100	
		2 (22 22	40.000.00	22.23 Exclude
	MANAGEMENT FEES (60%)	3,600.00	42,900.00 14,533.84	7.53 > Exclude
	SALARIES & WAGES OFFICERS SEWER SLUDGE REMOVAL EXPENSE		5,383.35	2.79
	PURCHASED POWER SEWER	672.69		4.16
	CHEMICALS		3,375.25	
	MATERIAL & SUPPLIES SEWER	104.80		
	CONTRACTURAL SERVICES SEWER	237.50 62.50	3,792.19 1,947.80	1.97 1.01
	CONTRACTUAL SERVICES - PROFESSIONAL CONTRACTUAL SERVICES - TESTING SEWER	0.00	400.00	0.21
	TRANSPORTATION EXPENSE SEWER	335.03		
755000	INSURANCE EXPENSE SEWER	163.74	1,551.81	
	MISC EXPENSE SEWER	0.00		
	OFFICE SUPPLIES BANK SERVICE CHARGES	-22.50		
	MAINTENANCE EXPENSE		3,103.77	
	COUNTY PERMIT FEES		1,000.00	
776000	PAYROLL TAX SEWER		1,116.87	
TOTAL	SEWER OPERATING EXPENSE	12,057.71	93,872.45	48.64
800000 OTHER	INCOME & EXPENSE WATER			
800401	TAXES OTHER THAN INCOME WATER	173.78		
	WATER DEPRECIATION EXPENSE		11,380.90	
	WATER AMORTIZATION CIAC		-9,079.87 1,724.00	
	INTEREST EXPENSE DEMENZES (9%) 27,000.00 + WATER INTEREST EXPENSE		5,560.64	
TOTAL	OTHER INCOME & EXPENSE WATER		10,468.71	
800500 OTHER	INCOME & EXPENSE SEWER			
	TAXES OTHER THAN INCOME SEWER		2,081.03	
800503	SEWER DEPRECIATION EXPENSE		31,570.62	
	SEWER AMORTIZATION CIAC	-1,403.25 0.00	-15,450.75 251.61	
	INTEREST EXPENSE GORNEY INTEREST EXPENSE CAREY	0.00		0.41
	SEWER INTEREST EXPENSE	-106.75	5,160.70	2.67
TOTAL	OTHER INCOME & EXPENSE SEWER	2,296.84	24,403.98	12.65

TRADEWINDS UTILITIES, INC. 59-2323148
PROFIT/LOSS STATEMENT AS OF 11/30/98 UNAUDITED

\*\*\*\*\*\*\*

940000	RENTAL MGMT EXPENSES
950001	INTEREST INCOME - DEMENZES
TOTAL	NON-UTILITY INCOME & EXPENSE

CUR MO Y-T-D % INC 0.00 2,900.00 1.50 0.00 -9,345.75 -4.83 0.00 -6,445.75 -3.33

980000 CURRENT NET PROFIT/LOSS

989999 CURRENT NET PROFIT/LOSS
TOTAL CURRENT NET PROFIT/LOSS

-11,233.40 -23,060.46 -11.94 -11,233.40 -23,060.46 -11.94

17,435.74 192,975.48

Tradewinds Utilities, Inc. P.O. Box 5220 Ocala, FI 34478-5220 352-622-4949 RECEIVED

DEC 8 8 32 AM '98

DUMINISTRATION
MAIL ROOM

RECEIVED

DEC 0 8 1998
Florida Public Service Commission
Of Water and Wastewater

December 3 1998

Mr. Troy Rendell Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

RE: Application for New Class of Service

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Some of the property owners have indicated their unwillingness to accept water service and we do not have a Wastewater only class of service. Per the design by our engineer and acceptance by DEP, the service to be provided to most of the buildings is required to be 2" service. There are twenty-six (26) buildings of this category. There are six (6) building requiring 1" service. Service is currently being provided to this area.

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- 1. Of the 26 units, there is a mix of quads and light industrial buildings. We therefore are using our standard 2" General Service Base Facility Charge of \$142.48 and for consumption, we are using 4 times the average Tradewinds Village 12 month residential usage of 4,953 gallons per unit.
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Charles deMenzes

President

TW Village	# Accts	Usage	Average R	esidential				
			5/8 x 3/4					
Dec-97	148		4529					
Jan-98			4528					
Feb-98			4784	1				
Mar-98			4339					
Apr-98			5119					
May-98		813,302	5458					
Jun-98	148		5900					
Jul-98	148	•	5056					
Aug-98	149		5052	<u> </u>				
Sep-98	149	723,639	4857					
Oct-98	149	707,906	4751					
Nov-98	149	752,880	5053					
12 Mo Avg	1777	8,802,014	4953	avg usage	per unit x 4	for quad.		-
				<u></u>				
Based on th	e above av		DD/4000	O-I Ob-			Est Gross Revenue	
1" Service	44.53	Est Usage 2400	PP/1000	Gal Chg	Total 58.95	# Accts		venue
			1	14.42			\$ 4,244.40	
2" Service	142.48	19812	6.01	119.07	261.55		\$81,603.60	
				<u> </u>		T-4-1	£ 05 040 00	
					T	Total	\$ 85,848.00	
Wastewater	investmen							
Newberry Ba		\$ 280,000		ļ				
Interest Rate	•	9%						
Term/Years		15						
Annual Debt	Serv	\$ 34,736.49			-			
Summone								
Summary								<del></del>
Gross Reve	nue	\$ 85,848.00						
ess		Ţ 00,040.00						
PSC		\$ 3,863.16						
Annual Debt	Service	\$ 34,736.49						
			based on 3	0% of Gros	s Revenue	as reflected	through 11/30	0/98
		\$ 9,333.00		-,, -, -, -, -, -, -, -, -, -, -, -, -,	- 110101140		g.,,o.	
JEDIECKHUM.							1	
Depreciation		·						



## MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

STRUCTURAL

**LAND PLANNING** 

1111 N.E. 25th AVENUE, SUITE 401 OCALA, FLORIDA 34470 (352) 629-5591 FAX (352) 629-4402

November 24, 1998

Charles deMenzes P. O. Box 4230 Ocala, Florida 34470

Re: Tradewinds Water Treatment Facility

Dear Charles,

As per your request for design information on the 2" water services to the quad buildings in the George Mayo Subdivision, sound engineering practice calls for when 3 or more unit's (ERC's) require the installation of a 2" water service. As to the Marion County Utility Manual appendix F, detail W-9, a 2" water service polymer 13" x 24" meter box calls for a 2" ball valve with a 2" pack joint coupling, and 2" x 4" brass nipple with a 2" pvc threaded cap. Water pressure required at each ERC shall be maintained at a minimum of 20psi. Pressure loss through meter and fittings is suspect to a reduced pressure resulting in 80% of the design capacity.

As the owner of the facility, installing a 2" meter will satisfy the above design criteria for such dwelling units.

Design criteria is based on 10 State Standards and adopted by Marion County, the City of Ocala, and Southern Standard Building Codes.

If you have any questions, please do not hesitate to call me at (352) 629-5591.

Sincerely,

Miles C. Anderson, P.I

MCA/ip

99999 NON-UTILITY INCOME & EXPENSE

	•				
PROFIT/L	OSS STATEMENT AS OF 11/30/98 UNA ED				
,		CUR MO	I-T-D	• INC	
00000 WATER	OPERATING REVENUES				
404611	RESIDENTIAL WATER REVENUES	6.195.18	72,445.07		
	COMMERCIAL WATER REVENUES		6,799.50	•	
	OTHER WATER REVENUES		929.61		
	REGULATORY COMMISSION EXP WATER (4.5%)		-3,556.24		
TOTAL	WATER OPERATING REVENUES	6,991.44	76,617.94	100.00	
320000 SEWER	OPERATING REVENUES				
522001	RESIDENTIAL SEWER REVENUE	9.440.01	104,971.35		
	COMMERCIAL SEWER REVENUES	1 406 42	16,862.41		
		1,490.43	5 476 33	Exclude	
	REGULATORY COMMISSION EXP SEWER (4.5%)	-472.14	116 257 54		
TOTAL	SEWER OPERATING REVENUES	10,444.30	116,357.54	60.30	
327999 NON U	TILITY INCOME				
TOTAL	NON UTILITY INCOME	0.00	0.00	0.00	
	***********	17.435.74	192,975.48		
00000 WATER	OPERATING EXPENSE		,		
601000	MANAGEMENT FEES (40%)	2 400 00	29,100.00	15-08	
	SALARIES & WAGES OFFICERS WATER		14,533.92		
	PURCHASED POWER WATER		2,686.79		
	FUEL FOR POWER PRODUCTION		197.06		
	CHEMICALS	57.50			
	MATERIAL & SUPPLIES WATER		2,679.28		
630000	CONTRACTURAL SERVICES BILLING		2,814.42		
631000	CONTRACTUAL SERVICES PROFESSIONAL	5,032.75	26,686.38	13.83	
635000	CONTRACTUIAL SERVICES - TESTING	0.00	240.00		
	CONTRACTUAL SERVICES OTHER	201.10			
	TRANSPORTATION EXPENSE WATER		3,685.40		
	INSURANCE EXPENSE WATER		1,559.42		
			151.10		
	MISC EXPENSE WATER				
	OFFICE SUPPLIES	0.00	577.10		
	BANK SERVICE CHARGES	-22.50		0.23	
	MAINTENANCE EXPENSE	0.00	3,159.43	1.64	
675007	COUNTY/DEP PERMIT FEES	0.00	2,375.00	1.23	
675008	CASUAL LABOR	0.00	-120.00	-0.05	
675009	MISC EXPENSES	0.00	1,275.75	0.66	
	PAYROLL TAX WATER		1,106.82		
TOTAL	WATER OPERATING EXPENSE		93,736.55		
TOTAL	WITH OLDWITH BYLENDE	13,003.71	93,136.33	40.37	
100000	AND LETTER TIPETER				
00000 SEWER	OPERATING EXPENSE				
	MANAGEMENT FEES (60%)	3,600.00	42,900.00	22.23 Exclude	
703000	SALARIES & WAGES OFFICERS SEWER	3,533.84	14,533.84	7.53	
711000	SLUDGE REMOVAL EXPENSE	2,938.75	5,383.35	2.79	
715000	PURCHASED POWER SEWER		8,028.03	4.16	
718000	CHEMICALS		3,375.25		
	MATERIAL & SUPPLIES SEWER	104.80			
	CONTRACTURAL SERVICES SEWER	237.50	3,792.19		
	CONTRACTUAL SERVICES - PROFESSIONAL	62.50	1,947.80	1.01	
	CONTRACTUAL SERVICES - TESTING SEWER				
	TRANSPORTATION EXPENSE SEWER	0.00	400.00		
		335.03			
	INSURANCE EXPENSE SEWER		1,551.81		
	MISC EXPENSE SEWER	0.00			
	OFFICE SUPPLIES	0.00			
	BANK SERVICE CHARGES	-22.50			
	MAINTENANCE EXPENSE	0.00	3,103.77	1.61	
775007	COUNTY PERMIT FEES	0.00	1,000.00	0.52	
776000	PAYROLL TAX SEWER		1,116.87		
TOTAL	SEWER OPERATING EXPENSE	12,057.71			
			,		
OOOO OTERE	INCOME & EXPENSE WATER				
JUUU UIIIII	THOUGH & MAI MINDS WALLEY			•	
000401	TAXES OTHER THAN INCOME WATER	122 20	002.04	0.46	
	WATER DEPRECIATION EXPENSE		883.04		
			11,380.90		
	WATER AMORTIZATION CIAC		-9,079.87		
	INTEREST EXPENSE DEMENZES (9%) 27,000.00 +		1,724.00		
	WATER INTEREST EXPENSE		5,560.64		
TOTAL	OTHER INCOME & EXPENSE WATER	448.88	10,468.71	5.42	
.00500 OTHER	INCOME & EXPENSE SEWER				
800501	TAXES OTHER THAN INCOME SEWER	020 42	2,081.03	1 08	
	SEWER DEPRECIATION EXPENSE				
			31,570.62		
	SEWER AMORTIZATION CIAC		-15,450.75		
	INTEREST EXPENSE GORNEY	0.00	251.61		
	INTEREST EXPENSE CARRY	0.00			
	SEWER INTEREST EXPENSE		5,160.70		
TOTAL	OTHER INCOME & EXPENSE SEWER	2,296.84	24,403.98	12.65	
	NITIMU INCAMO ( DVDDNOD				

TRADEWINDS UTILITIES, INC. 59-2323148

PROFIT/LOSS STATEMENT AS OF 11/30/98 UNAL ITED

940000 RENTAL MGMT EXPENSES
950001 INTEREST INCOME - DEMENZES
0.00 2,900.00
0.00 2,900.00
0.00 -9,345.75
0TAL NON-UTILITY INCOME 4 EXPENSE
0.00 -6,445.75

980000 CURRENT NET PROFIT/LOSS

989999 CURRENT NET PROFIT/LOSS -11,233.40 -23,060.46 -11.94
TOTAL CURRENT NET PROFIT/LOSS -11,233.40 -23,060.46 -11.94

\* INC

1.50 -4.83 -3.33