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MARTIN S. FRIEDMAN, P.A.
VALERIE L. LORD, OF COUNSEL (LICENSED IN TEXAS ONLY)

November 17, 2003

VIA HAND DELIVERY

Ms. Blanca Bayo
Director
Division of the Commission Clerk
And Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

RE: Docket No. 030423-WU

Residential Water Systems, Inc.

Dear Ms. Bayo:

Enclosed on behalf of Residential Water Systems, Inc. for filing in the above docket are an original and 3 copies of:

- 1. Response to Staff Data Request #44 (3 pp)
- 2. Response to Staff Data Request #45 (1 page)
- 3. Response to Staff Data Request #46 (1 page)
- 4. Response to Staff Data Requests #48 & #49 (63 pp)
- 5. Letter dated November 17, 2003 from Charles deMenzes with three pages of attachments, responding to Staff Data Requests #50 through #53.

With reference to Staff Data Request #47, I am advised by Mr. deMenzes that the Company cannot find a copy of its current Consumptive Use Permit and that he will therefore request the Company's engineers to obtain a copy from the St. Johns River Water Management District. Upon receipt, a copy will be furnished to Staff.

11498 NOV 178

FPSC-CGMMISSION CLERK

Ms. Blanca Bayo November 17, 2003 Page 2

Please acknowledge receipt by date stamping the extra copy provided.

Sincerely,

Wayne L. Schielfelbein

Of Counsel

WLS/dcr

Residential Water Systems/Bayo ltr

Docket No.: 030423-WU

RESPONSE TO STAFF DATA REQUEST #44

44

Month/Year		Cust Class	Meter Size	# Cust Billed	# ERC's	# Gal Sold
1- 00	- · · · · · · · · · · · · · · · · · · ·					
	Residential		5/8"	520	303	3291253
	Residential		5/8"	522	328	3444112
	Residential		5/8"	521	307	3335726
	Residential		5/8"	521	546	5728567
	Residential		5/8"	519	799	8672073
	Residential		5/8"	521	853	8953875
	Residential		5/8"	521	499	5417066
	Residential		5/8"	522	404	4379946
	Residential		5/8"	523	430	4519503
	Residential		5/8"	525	407	4416751
	Residential		5/8"	525	496	5203860
	Residential		5/8"	524	404	4388094
	Residential		5/8"	526	350	3797266
Feb-99	Residential		5/8"	527	379	3975199
Mar-99	Residential		5/8"	527	400	4335158
Apr-99	Residential		5/8"	528	751	7880954
May-99	Residential		5/8"	528	680	7375756
Jun-99	Residential		5/8"	527	572	6001912
Jul-99	Residential		5/8"	528	420	4559264
Aug-99	Residential		5/8"	526	550	5963254
	Residential		5/8"	525	525	5516575
	Residential		5/8"	526	377	4086899
Nov-99	Residential		5/8"	526	428	4495589
	Residential		5/8"	533	454	4929437
	Residential		5/8"	531	385	4176040
	Residential		5/8"	532	361	3790974
	Residential		5/8"	531	491	5327678
	Residential		5/8"	531	609	6395184
	Residential		5/8"	528	294	3188520
	Residential		5/8"	530	850	8925251
	Residential		5/8"	529	487	5279709
	Residential		5/8"	529	372	4033223
	Residential		5/8"	530	450	4719788
	Residential		5/8"	531	404	4387224
	Residential		5/8"	531	487	5113643
	Residential		5/8"	532	378	3965846

Jan-01	Residential	5/8"	531	376	4079570
	Dalton Woods	1"	3	0	1110
Feb-01	Residential	5/8"	533	357	3753193
	Dalton Woods	1"	6	5	49950
Mar-01	Residential	5/8"	533	332	3597977
	Dalton Woods	1"	10	19	207080
Apr-01	Residential	5/8"	531	451	4739408
	Dalton Woods	1"	11	21	224750
May-01	Residential	5/8"	531	568	6160406
	Dalton Woods	1"	17	38	416000
Jun-01	Residential	5/8"	527	590	6199224
	Dalton Woods	1"	19	37	387430
Jul-01	Residential	5/8"	528	370	4015452
	Dalton Woods	1"	29	30	328120
Aug-01	Residential	5/8"	531	313	3397614
	Dalton Woods	1"	32	42	452760
Sep-01	Residential	5/8"	532	367	3850442
	Dalton Woods	1"	45	89	939200
Oct-01	Residential	5/8"	532	548	5945989
	Dalton Woods	1"	50	157	1707580
Nov-01	Residential	5/8"	529	362	3798739
	Dalton Woods	1"	53	93	975680
Dec-01	Residential	5/8"	533	359	3892867
	Dalton Woods	1"	57	104	1131030
Jan-02	Residential	5/8"	533	344	3733283
	Dalton Woods	1"	59	89	961750
Feb-02	Residential	5/8"	535	347	3640914
	Dalton Woods	1"	61	121	1267390
Mar-02	Residential	5/8"	536	343	3726012
	Dalton Woods	1"	64	215	2333000
Apr-02	Residential	5/8"	536	541	5683371
	Dalton Woods	1"	67	328	3446824
May-02	Residential	5/8"	535	614	66645 58
	Dalton Woods	1"	70	299	3242086
Jun-02	Residential	5/8"	536	544	5715274
	Dalton Woods	1"	75	270	2836511
Jul-02	Residential	5/8"	534	354	3837361
	Dalton Woods	1"	78	133	1446013

Aug-02	Residential	5/8"	536	351	3804565
	Dalton Woods	1"	86	113	1224391
Sep-02	Residential	5/8"	537	359	3767072
	Dalton Woods	1"	90	126	1326153
Oct-02	Residential	5/8"	537	351	3807966
	Dalton Woods	1"	94	193	2093,835
Nov-02	Residential	5/8"	537	416	4369993
	Dalton Woods	1"	96	237	2483880
Dec-02	Residential	5/8"	535	367	3985711
	Dalton Woods	1"	97	170	1847949
1998	Consumption	5/8"			61,750,826
1999	Consumption	5/8"			62,917,263
2000	Consumption	5/8"			59,303,080
2001	Consumption	5/8"			53,430,881
2001		1"			9,082,750
2002	Consumption	5/8"			52,736,080
2002	Consumption	1"			28,879,775

Docket No.: 030423-WU

RESPONSE TO STAFF DATA REQUEST #45

#45

HIGH POINT	EDGEWOOD	SUNTREE	COUNTRY ESTATES	WINEBERRY	DALTON WOODS
SE 62ND STREET SE 42ND AVE SE 59TH STREET SE 46TH AVE SE 42ND CT SE 60TH STREET SE 61ST STREET SE 65TH PLACE	SE 66TH PL SE 38TH CT SE 67TH PL SE 68TH STREET	SE 58TH PL SE 46TH TERR SE 57TH LN SE 58TH PL	SE 56TH LN SE 42ND AVE SE 54TH STREET SE 44TH AVE SE 42ND CT SE 43RD CT	SE 61ST PL SE 39TH AVE SE 62ND ST SE 37TH TERR SE 60TH STREET SE 59TH PL SE 37TH AVE	SE 48TH PL RD SE 44TH CIR

OTHER NON-SUB

SE 66TH STREET SE 41ST CT

Docket No.: 030423-WU

RESPONSE TO STAFF DATA REQUEST #46

#16

SECOND REVISED SHEET NO. 4.0 CANCELS FIRST REVISED SHEET NO. 4.0

NAME OF COMPANY RESIDENTIAL WATER SYSTEMS, INC.

WATER TARIFF

COMMUNITIES SERVED LISTING

	-	Rate	
County	Development	Schedule(s)	
Name	Name	Available	Sheet No.
MARION	HIGH POINTE SUB	YES	13.0
MARION	SUNTREE SUB	YES	13.0
MARION	EDGEWOOD SUB	YES	13.0
MARION	WINEBERRY SUB	YES	13.0
MARION	COUNTRY ESTATES	YES	13.0
	BUFFINGTON ADD.		
MARION	DALTON WOODS	YES	13.0
MARION	DALTON WOODS 1 ST ADDITION	YES	13.0

Charles deMenzes Issuing Officer

<u>President</u> Title

Docket No.: 030423-WU

RESPONSE TO STAFF DATA REQUESTS #48 AND #49



Post Office Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500

-January 09, 2003

Residential Water Systems PO Box 5220 Ocala, FL, 34478

Certified Number: 7001-0320-0003-54215909

Subject: Consumptive Water Use Permit #3002 formerly know as: 2-083-0023

Residential Water Systems

Dear Sir/Madam:

Our records indicate Residential Water Systems was issued the above Consumptive Use Permit by St. Johns River Water Management District for household type uses, water utility type uses on March 12, 1996. The expiration date on this permit was March 12, 2003. For your convenience, we are enclosing an application form for your use in submitting an application for renewal. In addition, if you would like assistance in completing this application form, you may contact this office and we will be happy to assist you.

Please submit the enclosed application, along with the appropriate fee as listed on the enclosed attachment. This will allow your permit to continue and you will not be in violation of Chapter 40C-2. Your application for renewal must be received by this agency no later than 5:00 pm on the date of expiration. If your submittal is not received on or before March 12, 2003, you will then have to re-apply to the District as a new applicant for a new permit in order to resume use.

If you have any questions regarding your permit or if we can be of any assistance, please feel free to contact this office at (904) 329-4152.

Sincerel

Gloria Lewis, Director

Division of Permit Data Services

GL/lm

Enclosures: Application

Fee Schedule

cc: District Permit File Lynn Minor

GOVERNING BOARD

Pernaien Regular Mail February 25, 2003



Post Office Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500

August 21, 2003

CERTIFIED MAIL NO: 70010320000354218969

Miles C. Anderson 2300 SE 17th St Suite 200 Ocala, FL 34471

Re:

Request for Additional Information

CUP No. 3002

Project Name: High Pointe

Dear Mr. Anderson:

Thank you for submitting an RAI response. The District received your response on August 8, 2003, however, certain information is still needed to complete your application. The information requested below is specifically required in District Rule Section 4.3 of the Applicant's Handbook. The citation A.H. refers to the Applicant's Handbook. The citation "F.S." refers to Florida Statutes, the citation "F.A.C." refers to the Florida Administrative Code, and the citation "A.H." refers to the Applicant's Handbook: Consumptive Uses of Water, April 10, 2002.

In order to expedite the review of this permit application, please include the District's permit application number (3002) on all correspondence and submit (2) copies of all requested information unless otherwise instructed by a specific information request. All responses to additional information should be addressed to me at the Palatka address noted above.

REQUESTED INFORMATION:

1. Please fill out page 14 of the Water Conservation Plan Form for Public Supply. Showing how residences are charged for their water usage. [Paragraph 10.3; (e) A.H.]



Post Office Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500

April 4, 2003

CERTIFIED MAIL NO: 70010320000354219294

Miles C. Anderson 2300 SE 17th St Suite 200 Ocala, FL 34471

Re: Request for Additional Information

CUP No. 3002

Project Name: High Pointe Subdivision

Dear Mr. Anderson:

Thank you for submitting an application for a Consumptive Use Permit (CUP) for the High Pointe Subdivision. The District received your application on March 10, 2003, and upon review, has determined that additional information is needed to complete the application.

The information requested below is required pursuant to District Rule 4.3 of the Applicant's Handbook. The citation "F.S." refers to Florida Statutes, the citation "F.A.C." refers to the Florida Administrative Code, and the citation "A.H." refers to the Applicant's Handbook: Consumptive Uses of Water, April 10, 2002.

In order to expedite the review of this permit application, please include the District's permit application number (3002) on all correspondence and submit (2) copies of all requested information unless otherwise instructed by a specific information request. All responses to additional information should be addressed to me at the Palatka address noted above.

REQUESTED INFORMATION:

- 1. Please send in a copy of the past 12 months of DEP Water Treatment Plant's Monthly Operating Reports.

 [Paragraph 10.3; (a), (b), (c), (d), (e), (f) and (g) A.H.]
- 2. Page PS-5 of the Public Supply and/or Essential Type Uses form indicates a projected increase in per capita usage for this utility (88 gallons per capita per day in 2003 to 100 gallons per capita per day in 2004 and beyond). Please provide an explanation of why per capita use is expected to increase at this site. Please provide a plan to prevent the estimated increase in per capita use. This plan should include specific, substantive initiatives with

GOVERNING BOARD

implementation schedules to maintain or decrease GPCD amounts. This plan should provide District staff reasonable assurance that the projected GPCD will be maintained at current levels in the future. Examples of these initiatives include at a minimum: (a) an implementation schedule for a water conservation rate structure or provide an explanation why this program cannot be implemented. Such rate structures should include at least one of the following: increasing block rates, seasonal rates, quantity surcharges and/or time of day pricing; (b) conducting customer indoor audits, and (c) conducting customer outdoor audits. [Paragraph 10.3 (a), (b), (c), (d), and (e) A.H.]

- 3. The projected Water Use Table (Table 2) of the A(U application indicates that there will be 3.5 people per residence for this community. This is above the average of 2.5 people per ERC (Equivalent Residence Connections) in Florida. Please provide a reasonable estimate with supporting documentation for the actual number of residents per unit for this project. Please note that population numbers that are derived from ERC's multiplied by 2.5 do not require substantiation. Please revise Table 2 - Projected Water Use (page PS-5 of the Public Supply and/or Essential Type uses form) using 2.5 people or lower per unit or substantiate the use of a higher number of people per ERC. [Paragraph 10.3; (a) and (b) A.H.]
- 4. Please complete and submit the following enclosed forms: (1) Water Conservation Plan Form for Public Supply Applicants; (2) projected Water Use Table (Table 2). Please be sure that the projected water use table is filled out for the next 20 years. [Paragraph 10.3; (a), (b), (c), (d), (e), (f), (g), (h), (l), (j) and (k) A.H.]
- 5. Based on the submitted information, the required application fee for a Consumptive Use Permit with an increase in allocation and using over 100,000 gallons per day on average is \$400.00. Please submit the additional \$200.00 required for your application. Make check payable to the St. Johns River Water Management District. [40C-1.603 F.A.C.]

We ask that you submit the requested information in a timely manner to help expedite review of your application. Please be advised that, pursuant to District procedural rules, any application which has not been technically and administratively completed within 120 days from the date of receipt of a Request for Additional Information by the District, must be forwarded to the Governing Board with a recommendation for denial based upon an incomplete application. However, should you require more than 120 days to respond, additional time to respond may be granted for good cause. You must request, in writing, additional time to respond along with the reason for the request. Please direct such a written request to me and I will let you know if we can grant such an extension.

We thank you again for your application and remind you that should you have any questions regarding this letter or the application in general, please contact me at the Palatka Service Center at (386) 329-4561. I look forward to working with you to get your application completed for Governing Board action at the earliest possible date.

Sincerely,
Rodd Mit

Randall Motes, Hydrologist II

Department of Resource Management

cc: PDS/RAIL

Todd Eller Residential Water System

Charles Demenzes

PO Box 5220

Ocala, FL 34478



MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

CIVIL . STRUCTURAL . LAND PLANNING . GOLF COURSE DESIGN

2300 S.E. 17TH STREET SUITE 200 OCALA, FLORIDA 34471 (352) 629-5591 FAX (352) 629-4402

May 15, 2003

Charles deMenzes Residential Water Systems P.O. BOX 5220 Ocala, Florida 34478

RE: M.O.R. Data Confirmation

Dear Mr. deMenzes,

As discussed, we reviewed the monthly operating reports for the year 2002 for the Residential Water Systems Treatment Plant (PWS: 3424625). Based on the review we found a few places in which we believe that incorrect data was entered into the cell for a particular day of the month. More specifically on February 17 (2,449,000 gal), May 7 (4,445,000 gal), and December 10th (2,800,000 gal). We reviewed the amount of water usage in the prior & following days of these events and found that the water usage for each day of the month was consistent except for the days mentioned above. Based on our conversation you confirmed that indeed, these instances were not valid and were the cause of a data entry error in the report.

Another high water usage amount (902,000 gal) was indicated on May 30. You confirmed that this amount was due to a failed valve in which the pumps stayed on & pumped excess water.

Also, on May 11, 65,000 gal were produced, and on May 12, 893,000 gal were produced. You confirmed that these readings were incorrect and should be averaged for the two days giving 479,000 gallons for each day.

If this information is correct please acknowledge and confirm by signing in the location provided below.

Sincerely,

Miles C. Anderson, P.E.

Confirmed by

Charles deMenzes



MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

CIVIL . STRUCTURAL . LAND PLANNING . GOLF COURSE DESIGN

2300 S E. 17TH STREET, SUITE 200 OCALA, FLORIDA 34471

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

June 17, 2003

Glona Lewis, Director St. John's River Water Management District Division of Permit Data Services P O Box 1429 Palatka, FL 32178-4500

Re

Request for Additional Information CUP No. 3002 High Pointe Subdivision

Dear Ms. Lewis,

We are in receipt of your correspondence of April 4, 2003 regarding the above referenced project. We are attaching the following items requested:

- 1 Appropriate Fee
- 2. Consumptive Use Individual Permit Application
- 3 Copy of Executed Deed or Lease Agreement
- 4 Location Map
- Completed Water Use Type Package
- 6. Water Conservation Plan

We have determined that the permit daily flow in 1990 maximum daily withdraw of 0 250 Mgal has been exceeded. Based on current billage, the WTP is pumping 0.23 +/- mgd on average, the annual maximum day pumped is 0.311 +/- mgd. We are requesting, on behalf of our client/owner, to increase the maximum daily flow from 0.25 mgd to 0.410 mgd. The system can pump to 0 650 mgd.

We trust that we have answered your comments in a satisfactory manner and look forward to an approved St. John's River Water Management District permit. Should you have any questions please contact me at (352) 629-5591.

Sincerely,

Miles C. Anderson, P.E.

FL. Professional Engineer #39385

MCA/lb

File Residential Water



MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

CIVIL . STRUCTURAL . LAND PLANNING . GOLF COURSE DESIGN

2300 S.E. 17TH STREET, SUITE 200 OCALA, FLORIDA 34471

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

CONSUMPTIVE USE PERMIT

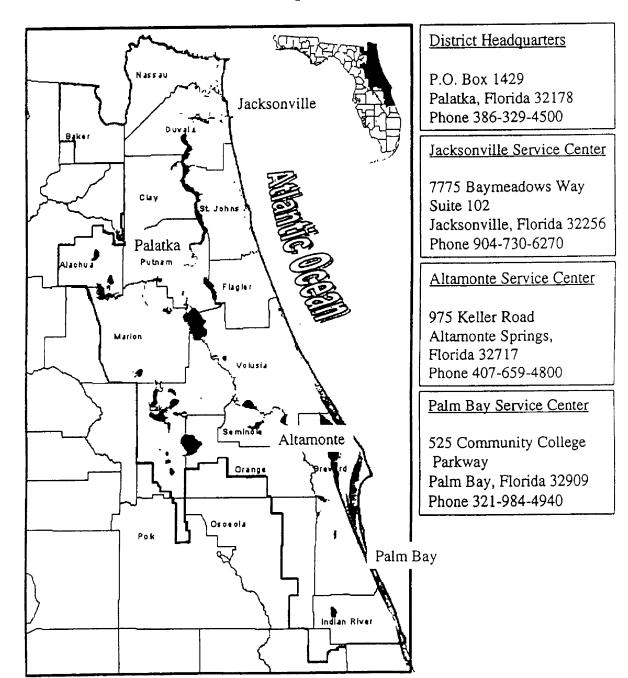
HIGH POINTE SUBDIVISION

June 2003

Prepared by:
MCA Consulting Engineers, Inc
2300 SE 17th Street, Suite 200
Ocala, FL 34471



St. Johns River Water Management District Permit Application For Consumptive Uses of Water



INTRODUCTION

Unless expressly exempted by law or District regulation, a consumptive use permit is required for any use, diversion or withdrawal of surface or ground water which meets any of the following criteria:

- 1. Average annual daily withdrawal exceeding one hundred thousand (100,000) gallons average per day on an annual basis.
- 2. Withdrawal equipment or other facility which have a capacity of more than one million (1,000,000) gallons per day.
- 3. Withdrawals from a combination of wells or of other facilities, having a combined capacity of more than one million (1,000,000) gallons per day.
- 4. Withdrawals from a well in which the outside diameter of the largest permanent water bearing casing is six inches or greater. For purposes of this paragraph, the diameter of the well at ground surface will be presumed to be the diameter of the well for the entire length unless the well owner or well contractor can demonstrate that the well has a smaller diameter water bearing casing below ground surface.
- 5. Within the Delineated Area as set forth in 6.7.1.6, Applicant's Handbook: Consumptive Uses of Water, withdrawals from a well in which the inside diameter of the largest permanent water bearing casing is five inches or greater. For purposes of this paragraph, the diameter of the well at ground surface will be presumed to be the diameter of the well for the entire length unless the well owner or well contractor can demonstrate that the well has a smaller diameter water bearing casing below ground surface.
- 6. Within the Delineated Area as set forth in 6.7.1.6, Applicant's Handbook: Consumptive Uses of Water, for freeze protection uses of water on agricultural and nursery property greater than 5 acres in size.
- 7. Any secondary use, as defined in paragraph 2.0(w) of the Applicant's Handbook: Consumptive Uses of Water, which exceeds 100,000 gallons per day estimated on an average annual basis.

PROCESSING

Processing of permit applications is in accordance with provisions of the Water Resources Act, Chapter 373, Florida Statutes, Chapter 120, Florida Statutes, Chapters 28-106, 28-107, 40C-1, 40C-2 and 40C-20, Florida Administrative Code and the Applicant's Handbook: Consumptive Uses of Water

The District will notify an applicant if an application is incomplete within 30 days of receipt and will inform the applicant of what additional information is required to make the application complete. For those permits processed as individual permits, the Board will issue or deny permits within 90 days of receipt of the completed application. Those permits processed as general permits will be issued within 30 days of receipt of a completed application.

Failure to obtain a permit prior to undertaking a regulated activity is a violation of District requirements, even if the project would receive a favorable review in a standard permitting process. The District may initiate administrative, civil or criminal actions against violators, and may require restorative steps.

PERMIT APPLICATION FOR CONSUMPTIVE USES OF WATER

Permit Type: Ind	lividual CUP 🔟 Second	ary Use
Sta	ndard General CUP	
	: New use Renewa	
	Modification of Existing Per	mit D
	viodification of Existing Fer	mut
	A PPI IC	ANT INFORMATION
ORGANIZATION N	AME (please print all response	
	. Water System	,
	e print all responses)	FIRST NAME
Demenzes	•	Charles
STREET NO.	STREET NAME	CITY
P.O. Box 53	220	Ocala
STATE	ZIP	PHONE
Florida	34478	352-622-4949
Same as above	ve l	AGENT OR CONSULTANT
ORGANIZATION N	IAME (please print all respo	
Miles Christ:	ian Anderson Con	sulting Engineers, Inc.
LAST NAME (please	e print all responses)	FIRST NAME
Anderson		Miles
STREET NO.	STREET NAME	CITY
2300 SE 17th	Street, Suite 2	00 Ocala
STATE	ZIP	PHONE
Florida	34471	352-629-5591
X Same as appli	icant	OWNER INFORMATION
ORGANIZATION N	AME (please print all respo	nses)
1 + 077 >1 + > 677 / 1		
LAST NAME (please	print all responses)	FIRST NAME
STREET NO.	STREET NAME	OTT
STREET NO.	STREET NAME	CITY
STATE	ZIP	PHONE
JIAIL	LIF	PHONE
		701011
Charles Deme	2076C	Mark Al // 11/2016 3-7-03
APPLICANT'S NAM		SPHILITANT'S SHOW ATHER TO DATE
	= (1 loudo print)	JATE DATE
If a person other than ap	plicant has completed this form.	that person certifies by his signature below that he is acting as an
authorized agent of the a	applicant and his signature will b	e certification that he is in fact the authorized agent.
	(8
Milos C And	C	3/2/03
Miles C. Ande		AGENT'S SIGNATURE DATE
AGENT'S NAME (PI	ease print)	AUDINI S SIUNATURE DATE

SITE INFORMATION						
COUNTY Marion ACRES OWNED						
SECTION 2 TOWNSHIP 16 S RANGE 22 E						
PROJ. NAME <u>High Pointe</u> PROJECT ACRES						
COUNTY PARCEL NO.						
TYPE OF USE						
DARKEN ALL THAT APPLY						
AESTHETIC AGRICULTURAL AQUACULTURAL COOLING AND AIR CONDITIONING						
DEWATERING COMMERCIAL AND INDUSTRIAL ESSENTIAL FREEZE PROTECTION						
GOLF COURSE ☐ RECREATION AREA ☐ HOUSEHOLD TYPE ▼ LIVESTOCK ☐						
NURSERY ☐ URBAN LANDSCAPE IRRIGATION ☐ WATER BASED RECREATION ☐						
UNACCOUNTED FOR WATER OTHER						
Previous Permit No. 2-083-0023						
AMOUNT REQUESTED INCHES PER YEAR MILLION GALLONS PER YEAR 124,100 mgy MILLION GALLONS PER DAY 340 DATE OF START OF USE 8/25/99						
REQUESTED 20 YEARS X DEPARTMENT DURATION Other (Specify Years):						

WATER USE MONITORING

All permittees are required to measure their water usage on a continuous basis. All users must report their use using form EN-50 to the District at the intervals specified in their permit. If used, meters must be 95% accurate, verifiable and installed according to manufacturers' specifications. Meters or alternative methods utilized by the water supplier to charge for the water may suffice as a water use monitoring tool.

Alternative methods must be 90% accurate and verifiable. All alternative methods must be approved in advance and in writing by District staff.

X	Same as applicant COMPLIANCE ENTITY
Co the	nsumptive Use Permits require the periodic submittal of data to the District. Please provide name, address and phone number of the person who will be responsible for ensuring that the mitted conditions are met. Submittal of this information does not relieve the permit holder m the responsibility for compliance.
Na	me:
Ad	dress:
Ph	one Number: ()
	SECONDARY TYPE USE
Ple	ase supply information regarding the source(s) of water for your activities.
1.	The name of the supplier of water. N/A
2.	Is this source of water potable or non-potable? (circle one) N/A
3.	What percentage of your total water use is from this supplier? _N/A
4.	If 100% of your water is not provided from the supplier, please indicate what uses are self supplied. N/A
5.	The applicant must also complete other packages which address the requested consumptive use identified in question 4. N/A

Description of Use Classes: Each permit shall be identified with one or more of the following use classifications:

- (a) Aesthetic use the use of water for fountains, waterfalls, and landscape lakes and ponds where such uses are entirely ornamental and decorative.
- (b) Agricultural use use of water for the commercial production of crops or the growing of farm products including, but not limited to, vegetables, citrus and other fruits, pasture, rice and sod.
- (c) Aquacultural use the use or withdrawal of water for cultivation of animal and plant life in a water environment, including but not limited to food fish, aquatic bait, game fish, aquatic plants (i.e. watercress), alligators, tropical fish, shellfish, and turtles.
- (d) Commercial and industrial process use the use of water essential to the production of the goods or services provided by a business establishment.
- (e) Cooling and air conditioning use the use of water for heating or cooling, or for air conditioning.
- (f) Dewatering use the removal of water from a specific area to facilitate mining or construction.
- (g) Essential use the use of water strictly for fire fighting purposes, health and medical purposes and the use of water to satisfy federal, state or local public health and safety requirements.
- (h) Freeze protection the periodic and infrequent use of water to protect agricultural and nursery crops from damage due to low temperatures.
- (i) Golf course use water used to irrigate an establishment designed and used for playing golf.
- (j) Household use the use of water for personal needs or for household purposes such as drinking, bathing, heating, cooking, sanitation or cleaning, whether the use occurs in a residence or in a business or industrial establishment.
- (k) Livestock use the use of water for watering or washing of livestock.
- (1) Nursery use the use of water on premises or in which nursery stock is grown, propagated or held for sale or distribution or sold or reshipped.
- (m) Recreation area use the use of water for the maintenance and support of intensive recreational areas such as, but not limited to, playgrounds, football, baseball, and soccer fields.
- (n) Urban landscape irrigation the outside watering or sprinkling of shrubbery, trees, lawns, grass, ground covers, plants, vines, gardens and other such flora which are situated in such diverse locations as residential landscaping, recreational areas, cemeteries, public, commercial and industrial establishments, public medians and rights of way.
- (o) Water based recreation use water used for public or private swimming and wading pools, including water slides. This terms does not include pools specifically maintained to provide habitat for aquatic life.
- (p) Water utility use water used for withdrawal, treatment, transmission and distribution by potable water systems.

SOURCES OF WATER (Summary Data Sheet)

Please supply information regarding the source(s) of water for your activities. Include information regarding all wells/pumps on the property.

Table 1.
SUMMARY OF GROUND WATER SOURCES

Well or Pump Number	Wellfield or Facility Name	Casing Dia. (in.)	Casing Depth (ft)	Total Depth (ft)	Operation Hrs/wk	Pump Capacity (in gpm)	Date Drilled	Existing or Proposed (date)	Type of Use*	
A	High Pointe	8''	101	220	168/wk	560	Nov. 23,1983	Existing	Residen	tial
В	High Pointe	8"	8.4	220	168/wk	560	Nov.	Existin		
					•					

^{*}See use descriptions on page 4. If more than one use type, show predominate use

Table 2.
SUMMARY OF SURFACE WATER SOURCES N/A

np Capacity (gpm)	Operation Hrs/wk	Acareage of Surface Water Body	Name of Source	Status (date if proposed)	Type of Use
			(onm) Hrs/wk Sulface Water	(opm) Hrs/wk Surface Water Source	(com) Hrs/wk Surface Water Source proposed)

PROPERTY CONTROL AND LOCATION

PROPERTY CONTROL

- 1. Property Ownership Provide a copy of the excuted deed indicating the current owner of the property which is the subject of this application.
- 2. Leased Property Provide a copy of the current lease, or a letter signed by the property owner describing the lease arrangement and the duration of the lease.

II. LOCATION MAPS

Provide a recent map (preferably a USGS topographic quadrangle, a map from a county plat directory, or survey map) indicating the following:

- (a) property boundaries (include approximate lengths of boundaries in feet);(public supply water uses please show service areas)
- (b) All existing and proposed withdrawal point locations. Indicate well number and casing size for ground water withdrawals, and pump number and maximum pump capacity for surface water withdrawals;
- (c) a north arrow;
- (d) a scale designation all maps should have a minimum scale of 1 inch = 2,000 feet; and
- (e) labeled landmarks such as roads and political boundaries.

Please provide identification numbers and date permitted if you obtained or are in the process of obtaining any of the following permits for this project

Environmental Resource Permit (ERP)	N_
EPA Ordered Environmental Impact Statements	MA
Agricultural Discharge	MA
FDEP Wastewater Site Identification No.	NA-
FDEP Public Water Supply (PWS) Identification No.	MA
- Fry (- · · · ·) raditimediation	

III. ADJACENT PROPERTY OWNERS

(not applicable to Secondary Users Permits)

Provide a complete list of adjacent property owners and mailing address as prescribed in Tables #3 and 4. Attach additional sheets as needed. N/A

Name	Address	City	State	Zip Code
-				
				·
				

USE OF LOWEST ACCEPTABLE QUALITY WATER SOURCE

- 1. Are you proposing to use the most appropriate (lowest quality) source of water?
- 2. Is reclaimed water readily available as a source of water?

WATER CONSERVATION PLAN

A water conservation plan must be submitted with this application. Please refer to Section 12.0 and Appendix I, Applicant's Handbook, Consumptive Uses of Water, for information on how to meet the District's requirements regarding water conservation. Available water conservation measures must be implemented pursuant to requirements in sections 10.2(e) and 12.0, A.H. These measures must be explained as part of this application.

Table 3 - Ground Water Withdrawals

Withdrawal Amount	Property Owners to be Listed
Less than 1,000,000 gallons maximum per day -and-	None required
Less than 100,000 gallons per day annual average	
Max day is between 1 and 5 million gallons - or- Average day is between 100,000 and 500,000 gallons	All property owners within 600 feet of well or 100 feet of property boundary.
Max day is between 5 and 10 million gallons - or- Average day between 500,000 and 1,000,000 gallons	All property owners within 1,320 feet of each well or 200 feet of the property boundary.
Max day exceeding 10 million gallons -or- Average day exceeds 1,000,000 gallons	All property owners within 2,640 feet of the well, or 400 feet of the property boundary.

Table 4 - Surface Water Withdrawals

Withdrawal Amount	Property Owners to be Listed				
Surface area of the withdrawal lake is less than 80 acres	All riparian land owners on lake and those up to 600 feet downstream if the lake has an outlet				
Surface area of the withdrawal lake is greater than 80 acres	All riparian land owners up to 600 feet from the withdrawal point				
Withdrawals from a stream and average daily pumpage is less than 5 million gallons	All riparian land owners up to 600 feet upstream and 1,320 feet downstream from the withdrawal point				
Withdrawals from a stream and average daily pumpage is greater than 5 million gallons	All riparian land owners up to 1,320 feet upstream and 2,640 downstream from the withdrawal point				

SECTION III

Applicant Checklist

Please verify that the following information has been provided as part of this application package:

		<u>Attached</u>
	1. Appropriate Fee	\$ 200.00
	2. Signature of Applicant and/or Agent	X
,	3. Authorization from Owner for Agent (if Agent is listed on application)	N/A
	4. Copy of Executed Deed or Lease Agreement	X
	5. Location Map	<u> </u>
(6. List of adjacent land owners	N/A_
	7. Completed Water Use Type Package*	X
1	8. Water Conservation Plan	X

^{*}NOTE: Applications for Public Supply, Commercial/Industrial, Agricultural, Aquacultural, Nursery/Fern, Golf Course Irrigation, Dewatering, and Landscape Irrigation water uses must also include the supplemental water use package specific to each use type. Those applying for a Secondary Use Permit must complete and submit each of the supplemental water use packages that applies to their type use.

FEE LIST

Consumptive Uses of Water

Individual Consumptive Use Permits (40C-2,FAC) Allocation >500,000 Gallons Per	<u>Day</u>
New Uses or Modifications with an Increase in Allocation	\$1000.00
Renewals or Modifications with NO Increase in Allocation	\$200.00
Standard General Consumptive Use Permits (40C-20, FAC) Allocation <500,000 Ga	allons Per Day
New Uses or Modifications with an Increase in Allocation	
. Allocation <100,000 Gallons Per Day	\$200.00
Allocation >100,000 Gallons Per Day	\$400.00
Renewals or Modifications with No Increase in Allocation	
Allocation <100,000 Gallons Per Day	\$100.00
Allocation >100,000 Gallons Per Day	\$200.00
Delineated Area General Permit (well Diameter >5 inches and < 6 inches or freeze acres	protection of >5 \$50.00
Noticed General Water Use Permits (40C-22, FAC)	

\$100.00

\$50.00

Short Term Construction Dewatering

Fire Protection



PUBLIC SUPPLY AND/OR ESSENTIAL TYPE USES

(Submit 2 copies of application, supplemental information, drawings, calculations, etc.)

I. YEAR-ROUND PUBLIC SUPPLY

A. POTABLE WATER SUPPLY

- 1. Please submit a map (minimum 1:2000 scale or larger) showing the current and proposed service area
- 2. Please submit any of the following that apply:
 - a) Copy of the Public Service Commission (PSC) certification describing service area;
 - b) Copy of local government franchise agreement; or
 - c) Documentation that utility is not regulated by PSC or local government.
- 3. Complete Table 1 Historic Water Use, and Table 2 Projected Water Use as a basis for the requested allocations. In addition:
 - (a) Provide the past 12 months of monitored water use data (MOR's if available) and calculate historic average daily and maximum daily per capita use;
 - (b) Explain the method of projecting population growth (historic projection preferred).

Attach documentation for method of determining growth projections.

B. WASTEWATER DISPOSAL

1. Specify the present and projected amounts of wastewater:

	PRESENT (mgd)*	PROJECTED (5 YEARS)	PROJECTED (10 YEARS)	PROJECTED (15 YEARS)	PROJECTED (20 YEARS)
Average daily disposal*	0.19	.27	N/A	N/A	N/A
Plant capacity					

^{*}mgd = million gallons per day

^{*}Identity WWTP if more than one

2. Specify the percentage for each type of disposal (total 100%) $_{\rm N/A}$

DISPOSAL TYPE	PRESENT %	PROJECTED % (5 YEARS)	PROJECTED % (10 YEARS)	PROJECTED % (15 YEARS)	PROJECTED %(20 YEARS)
Reuse					
Offsite Discharge					
Individual Septic Tanks					
On-site Percolation Ponds					
On-site Spray Fields					
Other					

C. REUSE OF RECLAIMED WATER

1. Describe the method of reuse by completing the table below:

D Check here if no reuse projected at this time

TYPE OF SITE (golf , landscape, etc)	FACILITY NAME	ACREAGE	AVERAGE USE (mgd)	PROJECTED AVE USE (mgd)

2. Please provide a map (minimum 1:2000 scale) showing the location of the sites listed in the table above as well as the location of all major existing reuse lines and those proposed for the next 15 years. N/A

3.	If wastewater is treated	on-site specify	level of treatment:	N/A

primary O

secondary O

secondary with disinfection O

ESS	SEN'	TIAL U	JSE			
Are	you	reques	ting tl	ne use of	any	of the identifed sources for fire protection?
		YES	0	NO	⊗	
If ye	es, p	lease lis	st the	wells/pu	mps	that will be used.
If ye	es, p	lease li	st the	wells/pu	mps	that will be used.
If ye	es, p	lease li	st the	wells/pu	mps	that will be used.

High Pointe Subdivision

TABLE 1

HISTORIC WATER USE

			Per		Household	Commerical/	Irrigation (urban	Irrigation (urban			Total	Total
Last 5	Past	Number	Capita	Household	Max	Industrial	landscape or	landscape or	Water	Unaccounted	Annual	Annual
years	Population	of Units	Usage	A∨g. day	Day	Avg. day	common areas	common areas	Utility	for water	Avg day	Max day
			(gpcd)	(mgal)	(mgal)	(mgal)	(mgal)(avg day)	(mgal)(max day)	(mgal)	(mgal)	(mgal)	(mgal)
1999	1300	520	145	0.00036	0 0005					0 0047	0.19	0.267
2000	1355	542	145	0 00036	0.0005					0 0049	0 20	0 278
2001	1500	600	145	0 00036	0 0005					0.0054	0 22	0 308
2003	1518	607	145	0.00036	0 0005					0 0055	0 23	0 311
	<u> </u>											

Table Definitions

Amount sold or given to domestic customers. Typically includes 5/8 and 3/4 inch metered Household Use:

accounts. Includes private lawn irrigation

Estimated number of residents served Population. Number of residential units served. # of Units:

Use per person per household; Aveage household use (column 5) divided by population (column 2) Per Capita Use:

Commercial/Industrial Use: Amount sold to commercial customers. Typically includes meters larger than 1 inch. Include bulk

customers in this use.

Amount used for common area irrigation owned or maintained by a public entity. This does not Irrigation Use:

include areas privately owned areas or amounts previously accounted for under household use. Misc. monitored use (eg. fire protection, sewer flushing, construction use, & maint. features)

Water Utility Unaccounted Water

Unaccounted for water use. Obtained from an audit of system

Sum of all uses - household + comm/ind. + irrigation + water util = MOR's for year Total Use.

High Pointe Subdivision

TABLE 2 PROJECTED WATER USE

			Per		Household	Commerical/	Irrigation (urban	Irrigation (urban			Total	Total
Next 20	Past	Number	Capita	Household	Max.	Industrial	landscape or	landscape or	Water	Unaccounted	Annual	Annual
years	Population	of Units	Usage	Avg day	Day	Avg day	common areas	common areas	Utility	for water	Avg day	Max day
			(gpcd)	(mgal)	(mgal)	(mgal)	(mgal)(avg day)	(mgal)(max day)	(mgal)	(mgal)	(mgal)	(mgal)
2003	1620	648	145	0.00036	0 0006					0 0059	0 241	0 332
2004	1650	660	145	0.00036	0 0006					0.0060	0 245	0 338
2005	1680	672	145	0.00036	0 0006					0 0061	0 250	0.345
2006	1745	698	145	0 00036	0 0006					0 0063	0 259	0 358
2007	1800	720	145	0 00036	0 0006					0 0065	0 268	0 369
2008	1855	742	145	0.00036	0 0006					0.0067	0 276	0 380
2009	1925	770	145	0 00036	0 0006					0.0070	0 286	0 395
2010	2000	800	145	0 00036	0 0006					0 0073	0 297	0 410
2011	2000	800	145	0.00036	0 0006					0 0073	0 297	0 410
2012	2000	800	145	0 00036	0 0006					0 0073	0.297	0 410
2013	2000	800	145	0 00036	0 0006					0 0073	0 297	0 410
2014	2000	800	145	0.00036	0 0006					0.0073	0.297	0 410
2015	2000	800	145	0 00036	0 0006					0.0073	0 297	0 410
2016	2000	800	145	0 00036	0 0006					0 0073	0 297	0 410
2017	2000	800	145	0.00036	0.0006					0 0073	0.297	0.410

^{*}see table definitions from Table 1

Ⅱ. SEASONAL PUBLIC SUPPLY

N	/	Α
	•	- 7

(Mobile Home Parks, RV Parks, Campgrounds, etc.)

(Submit 2 copies of application, supplemental information, drawings, calculations, etc.)

l.	Number of acres owned:
2.	Total number of lots/spaces:
3.	Average number of residents over the past 12 months:
4.	What is the maximum number of residents served?:
5.	What is the minimum number of residents served?:
6.	Does each lot/space have an individual water meter?:
7.	Does this facility have any of the following water uses: (yes or no)
	a) Laundry b) Club house with restrooms c) Common areas with irrigation # of Acres
8.	Attach copies of monthly water use reports for the last 12 months. Using the past months of water use, please calculate:
	a) Average Daily water use over the past 12 months: mgd* b) Maximum Daily water use over the past 12 months: mgd* c) TOTAL water used over the past 12 months: mg
9.	WASTEWATER DISPOSAL - specify the percentage for each, total 100%:

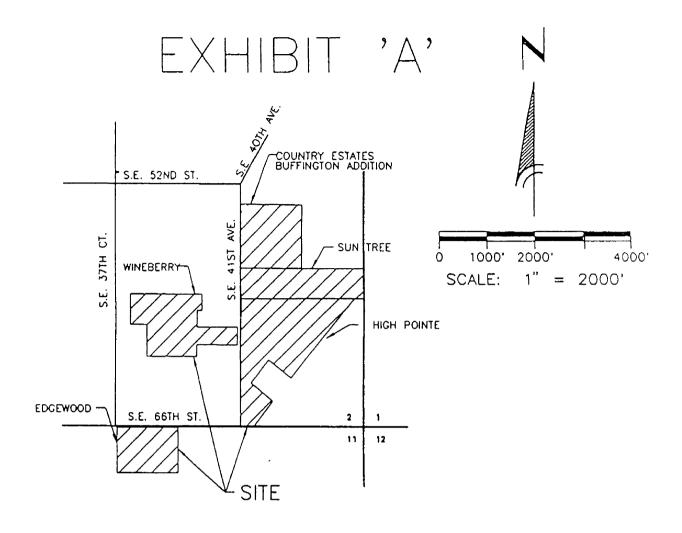
DISPOSAL TYPE	PRESENT	PROJECTED % (5 YEARS)	PROJECTED % (10 YEARS)	PROJECTED % (15 YEARS)	PROÆCTED % (20 YEARS
Reuse					
Offsite Discharge					
Individual Septic Tanks			,		
On-site Percolation Ponds					
On-site Spray Fields			_		
Other			<u> </u>		

10.	If wastewater is	treated on-site.	specify level of	treatment:		
	primary O	s	econdary O	secondary	with disinfection	on O
11.	Discription of lo	ots.				
12.	a) Average lot s b) Average hom c) Square footag WASTEWATE	ne size: ge of drive and R DISPOSAL	sq. ft. walkways:	sq. ft.		
	a) Specify the p	resent and proj	eoted amounts of	wastewater:		
		PRESENT (prgd)*	PROJECTED (5 YEARS)	PROJECTED (10 YEARS)	PROJECTED (15 YEARS)	PROJECTED (20 YEARS)
Avera	nge daily disposal					

Plant capacity

[&]quot;mgd = million gallons per day

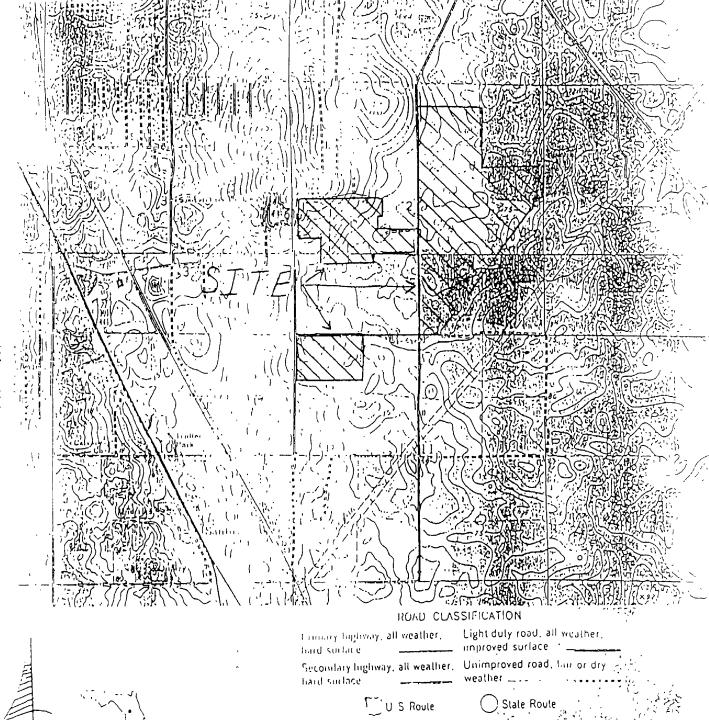
LOCATION MAP AND USGS MAP



LOCATION MAP

PERMIT NO. 2-083-0023AN/ Permit No. 3002

MARION COUNTY
SECTIONS 2 & 11, TOWNSHIP 16 SOUTH, RANGE 22 EAST



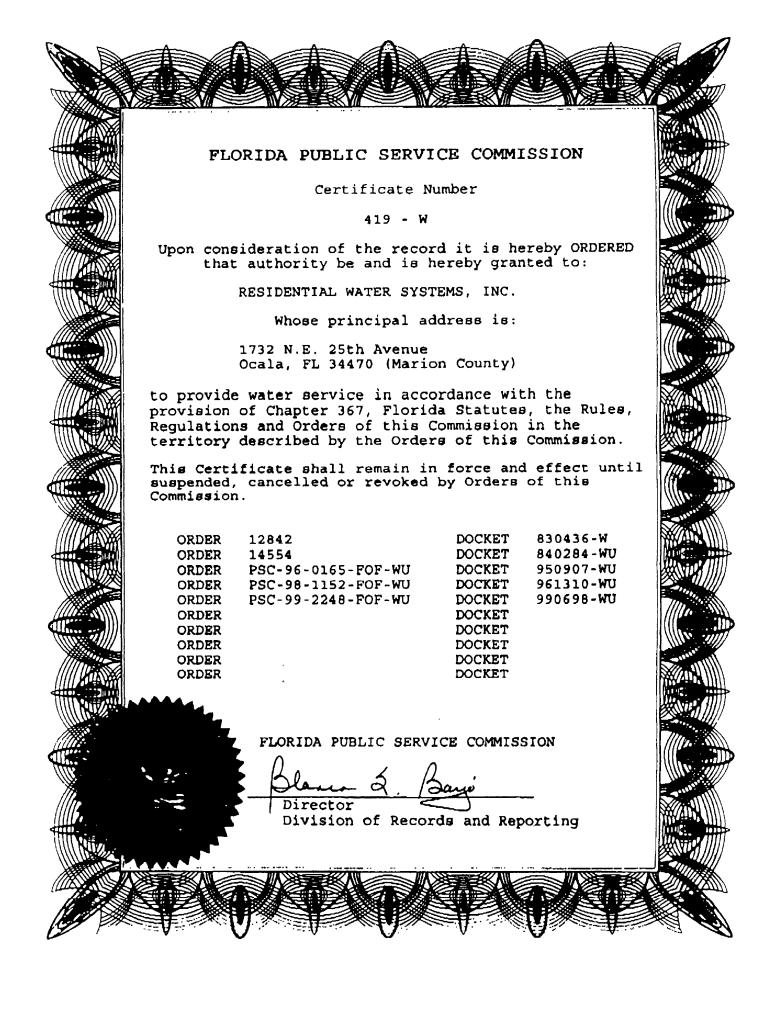
FLORIDA QUADRALIGE LOCATION

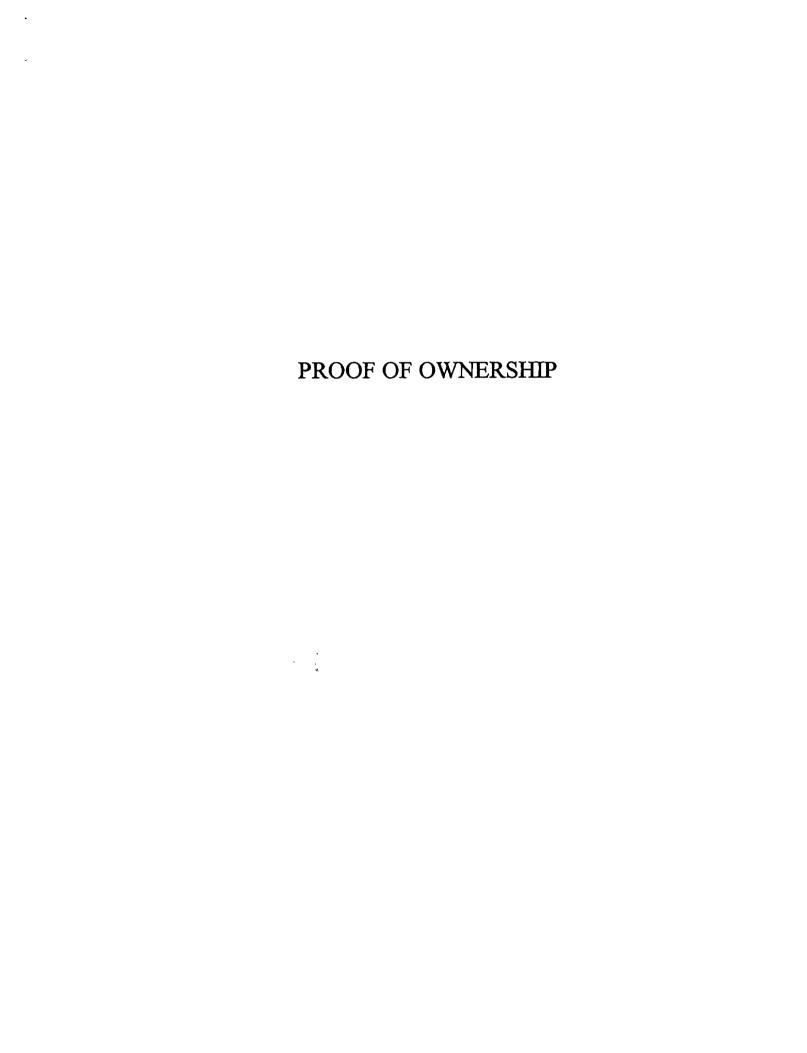
U.S.GS Map

Charles DeMenzes

. Then on the predicted North American Datum 1983 . The projection lines 25 meters south and ers west as shown by dashed corner tells

PUBLIC SERVICE COMMISSION CERTIFICATE





10.50 10 55d2 S . S . No . 1

Parcel No.: In 35818-000-01

WARRANTY DEED

Hade this 446 day of ADCI , 1991, BETWEEN

WILLIAM A. CARBAUGH, JOSEPH C. LONDON, DORIS ELLZEY and MIKE ELLZEY, as a majority of the aurviving trustees of SUN TREE, OCALA, INC., a dissolved Fiorida corporation, hereinafter called the Grentor, and

RESIDENTIAL WATER SYSTEMS, INC., a Florida Corporation, whose eddress is 310 S. E. Sth Street, Ocala, Florida 32671, horeinafter called the Grantoc:

(Whorever used herein the terms "grantor" and "grantoa" include the parties to this instrument and the here, legal representa-tives and assigns of individuals, and the successors and assigns of corporations) .

WITHESETH, That said grantor, for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, and other good and valuable considerations to said Grantor in hand paid by said Grantos, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever,—the following described land, situate, lying and being in Marion. County, Florida, to wit:

Tract "A", SUN TREE, per plat thereof recorded in Plat Book "X", pages 1 and 4, public records of Marion County, Florida.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

""Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, Grantor has hereunto set grantor hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

£21/29/50/123

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STATE OF FLORIDA COUNTY OF MARION

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared william a. CARBAUCH, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that he executed the same.

NITHESS my hand and official seal in the County and State last aforesaid this 9th day of April , 1991.

My commission expires:

ary Fublid, State
of Large 01 710:144

STATE OF FLORIDA COUNTY OF HARION Antara Public State at Liquida of Large Ale Communica Copies May 21, 1803.

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared JOSEPH C. LONDON, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that he executed the same.

WITHESS my hand and official soal in the County and State last aforesaid this _____ day of _April_____, 1991.

Bulary Fubilic State of Florids of Large Bly Commission Lapinos March 25, 1988 My commission expires:

Notary Public, State of Florida At LATGE

STATE OF FLORIDA COUNTY OF MARION

I HEREBY CERTIFY that on this day before me, an officer I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared DORIS ELLIZY, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that she produced the same of the same o executed the same.

WITHESS my hand and official seal in the County and State lest aforesaid this with day of Again, 1991.

or Public State of Norths at Large My Commission Explora Warth 25, 1994 My commission expires:

Hotary Public, State of Florida at Large

STATE OF PLONIDA COUNTY OF MARION

I MERESY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared MINE ELLIEY, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that he executed the same.

WITHESS my hand and official saal in the County and State last aforesald this You day of April , 1991.

. My commission expires:

State of Plorida

6/25/93

WATER CONSERVATION PLAN

DRAFT 7-29-92

WATER CONSERVATION PLAN FORM

FOR PUBLIC SUPPLY APPLICANTS

Section 12.4.5.1 - Applicant's Handbook:

All individual permit applicants for a public supply type water use must submit a water conservation plan for their facility to the District at the time of permit application. The plan must contain specific measures designed to conserve water. At a minimum, the water conservation plan must include the following elements:

- (a) An audit of the amount of water used in the applicant's production facility, transmission lines, and distribution system;
 - leak detection and repair program if necessary and cost effective
- (b) A program for technological, procedural, and/or programmatic improvements to the applicant's production facility, transmission lines, and distribution system to decrease water consumption;
- (c) An analysis of the economic, environmental and technical feasibility of reusing reclaimed water, recycling water on-site, utilizing the lowest acceptable quality water source, and providing reclaimed water or stormwater for use;
- (d) Develop and implement an employee awareness and customer education program concerning water conservation; and
- (e) Procedures and timeframes for implementation, and for periodic assessment and revision of the water conservation plan.

In evaluating this form, the District will consider:

- your specific use relative to other similar uses
- available technology
- economic feasibility

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General	- Ir	t n	At.	$i \cap D$
Ocherui		$\mathbf{H} \cup \mathbf{H}$	 u	-

Applicant/Owner Name:	
CUP Number:	
Date Plan Submitted:	
Agent/Consultant Name:	
Project Name:	

- If you serve multiple developments and/or municipalities, please provide a map identifying service area boundaries and the associated , geographical entities served.
- If you have additional information regarding your water conservation activities, please attach copies to this form.

Section I

WATER AUDIT

New Applicants:

Must conduct an audit within two years after permit issuance.

Renewing, Existing Violations, or Expired Applicants:

Must conduct an audit as part of the application process.

Purpose:

To help focus water conservation efforts via determination of system efficiency and identification of sources of water and revenue loss.

Required Information:

- Water Audit Component Summary
- Unaccounted Water Determination (Worksheet 1)
- Leak Detection Cost Feasibility (Worksheet 2)
- Corrective Action Plan

Note: New Applicants are defined as new facilities, it does not include existing violations or late renewals which are reclassified as "new uses".

WATER AUDIT COMPONENT SUMMARY

The following guidelines are designed to assist the applicant in collecting sufficient data necessary to conduct the required water audit. Each of the following components must be summarized unless they are part of the consumptive use permit application. These summaries will then allow the applicant to accurately complete Worksheets 1 and 2.

Information to Summarize

- Water production/service summary (daily and monthly figures)
- Water use records for past 12 months (review residential and commercial meter sales on a month by month basis). Please submit summary of this information if available.
- Sources of water (i.e., wells, surface, purchased, reclaimed)
- Location, type, and size, of production facility meters
- Accounting and meter reading processes which may provide for inconsistencies in commercial and residential sales records (i.e., frequency of readings and noted calibration errors)
- Records from metered services (i.e., construction, street cleaning, line flushing, etc.)

WORKSHEET 1 UNACCOUNTED WATER

1.		e total volume of water entering , ution system?	83.95 MGY
2.		e total volume of water sold etered in the distribution	(million gallons/year) - পা:প্ৰধৰ্ম MGY
3.	Unaccoun	ted Water (Line 1 minus 2)	2.0075 MGY
4.	What is the Unmetered	e estimated volume of water for eac d uses:	h
	a.	Firefighting	MGY
	. b.	Sewer flushing	MGY
	✓ c.	Main flushing	.669 MGY
	d.	Street cleaning	MGY
	✓ e.	Construction use	.669 MGY
	f.	Public use - schools, irrigation, municipal buildings	MGY
	g.	Other:	MGY
5.		unt of unmetered water use d a - g)	1.339 MGY
6.		accounted for water in system 3 minus Line 5)	0.6695 MGY
7.		accounted water percentage 6 Divided by Line 1 x 100)	0.8% Percent

Note: For unmetered uses (Line 4), please provide a narrative on how each estimate was calculated.

WORKSHEET 2 . LEAK DETECTION EVALUATION

To demonstrate the cost effectiveness of a leak detection and repair program, the following Worksheet has been prepared.

0:60 MGY. Actual unaccounted for water in system 1. (Line 6 on UAW) Estimated amount of total due to leakage 2. (District typically estimates 50% of unaccounted water) 1.2678 MGY Estimated recoverable leakage 3. (Typically 80% of Line 2) \$ 1.40 7- per/1000 gal. Purchase cost of water per year (if applicable) 4. \$ <u>#</u> per/1000 gal. 5. Cost, of chemicals for treatment per year \$ <u>*</u> per/1000 gal. Cost of electricity for pumpage per year 6. 7. Total production cost per year s 1.40 1/2 per/1000 aal. (Add Lines 4 - 6) Average production cost per 1,000 gallons 8. \$ 2,091:00 (Line 7 divided by Line 1 of UAW x 1,000) One-year benefits from recovered leakage 9. 5 0.56 (Line 8 x Line 3, divided by 1,000) 10. Total benefits from recovered leakage 1.12 over two years (Line 9 x 2) Estimated cost of leak detection \$ 500.00 11. .301/vears 12. Estimated time for cost recovery

Note: "UAW" refers to Unaccounted Water Worksheet 1

Provide a narrative to justify the estimated cost for leak detection.

* INCludes in live 4

CORRECTIVE ACTION PLAN

The following are examples of system improvements that could form a comprehensive corrective action plan.

- Update Utility Master Plan
- Update water distribution maps
- Repeat audit annually
- Computerize billing and accounting system
 - Account for fire, street, and sewer unmetered use
- Annually test and calibrate all production meters
 - . Annually test all large meters
 - Standardized meter reading cycle
 - Remove meters not in use
 - Establish water main replacement program
 - Begin comprehensive leak detection and repair program
 - Require contractors to inform utility and meter water used
 - Complete systemwide metering
- Review line maintenance procedures

If it is necessary and cost effective, propose an implementation schedule for a leak detection, repair and corrective action program.

Section II

Technological, Procedural, and/or Programmatic Improvements Management

Water Treatment Plant Technologies:

Describe conservation measures used during the water treatment process. (You may wish to use a flow chart.)

Water Use Monitoring:

1. Are your production wells currently equipped with individual meters?

Yes _____ No ____

If yes;

- (a) Indicate what type(s) you use (i.e. in-line flow meter, hour meter).
- (b) What is the calibration schedule for the production well meters?
- (c) What was the last date of calibration of these meters?

 New Meter, installed 2 yes ano.

If no, what type of meter do you plan to install to meet District monitoring requirements?

Note: New applicants are required to install in-line totalizing flow meters to measure water use before initiating withdrawal.

Renewing applicants are required to measure water use within one year of permit renewal, or by January 1, 1994, whichever is sooner, using either in-line flow meters or a District-approved alternative method.

2.		vice connection including residential, commercial, industrial and rewrently equipped with a meter? Yes $\sqrt{}$ No $\overline{}$
		District now requires that all public supply service connections be ered.
	• •	ose implementation and calibration schedules for placing individua all service connections.
3.	Are there	any master meters on your system? Yes No
	If yes;	
-	(a)	Propose an implementation schedule which will prohibit new master meters. No NEW MASTER METERS who be placed on the system.
	(b)	Propose an implementation schedule which will supply sub-meters to master metered customers. $\bigwedge \bigwedge$
4.		rable showing the breakdown of the present number of service as for residential, commercial (includes apartments, schools, hospital

etc.), and industrial uses.

This introduction uses.

This introduction is also interested the state of the s

Other Water Treatment Plant Water Use Practices:

What other water use practices have you undertaken or do you plan to undertake to conserve water at the water treatment plant? (i.e., vehicle/equipment washing with reclaimed water)

Indoor Conservation Programs for Customers: Do you provide indoor water audits for your customers? 1. Residential: Yes No Commercial: Yes No Industrial: Yes No If yes: Describe the type of audit and procedure for conducting the (a) audit. How many audits are conducted per year? (b) Assess the success of this program (estimate how much water has (C)been saved). If no, propose an implementation schedule for an indoor audit program or provide an explanation of why this type of program cannot be undertaken. Residential Plumbing Retrofitting Programs: Do you provide water conservation plumbing retrofitting devices and/or kits to your residential customers? Yes No If yes: Describe the devices and/or contents of the kits and their cost to (a)

- you and/or the customer.
- Describe the method(s) used to distribute the devices and kns. (b)
- Indicate the number and percent of customers impacted by this (C)program.

(d) Assess the success of this program (estimate how much water has been saved).
·
If no, propose an implementation schedule for an indoor retrofitting program or provide an explanation of why this type of program cannot be undertaken.
Non-Residential Retrofitting Programs: \mathcal{N}
Describe involvement your facility has had in retrofitting non-residential plumbing or equipment for large volume users of water (i.e., industries, institutions, commercial entities).
New Construction Programs:
Do you have new construction incentives for water conservation? Yes No Not Applicable
If yes, describe these incentive programs (i.e., rebates for builders or homeowners who equip houses or other structures with ultra low volume plumbing fixtures, variable or sliding hookup fees favoring those who have ultra low volume plumbing fixtures, favorable water pricing structure for customers equipped with water efficient plumbing.
If no, propose an implementation schedule for new construction water conservation incentives or provide an explanation of why this type of program

cannot be undertaken.

Other Indoor Conservation Programs for Customers:

Please describe any other indoor conservation programs you have implemented.

Outdoor Conservation Programs for Customers:

Do you provide outdoor water audits for your customers?

If yes:

- . (a) Describe the type of audit and procedure for conducting the audit.
 - (b) How many audits are conducted per year?
 - (c) Assess the success of this program (estimate how much water has been saved).

If no, propose an implementation schedule for an outdoor audit program or provide an explanation of why this type of program cannot be undertaken.

RESTRICT IMAGRICON USE By in SMILING STATE OF ART ZONE CONTROllers, And LANDSONDE WITH LOW MATINEWAVEE type of plants.

	water Emclent Landscaping:
1.	Do you provide information on water efficient landscaping (Xeriscape) to customers? Yes No
2.	Have you sponsored a water conservation demonstration garden or landscape plot(s)? Yes No
3.	Do you have a rebate or other incentive program to encourage the use of water conservation landscaping for new construction? Yes No
	If no to any of the above questions, propose an implementation schedule for providing information on water efficient landscaping or provide an explanation of why this program cannot be undertaken.
4.	Please describe any other activities you have implemented relative to water efficient landscaping (i.e., soil moisture monitoring and rain shutoff device distribution program).

Other Outdoor Conservation Programs for Customers:

Please describe any other outdoor conservation programs you have implemented (i.e., recirculating stormwater for aesthetic uses).

	What type of rate structure do you currently utilize?
	Flat Rate
	Decreasing Rate
	Inclined Rate
	Combination (explain)
	Variable for seasonal demand (explain) REDUCE DALLE SULLING WILL SEASON & WINDER,
	Other (explain)
2.	Please describe the rate structure. 50% hometimes/worker as is there is small as is the structure.
3.	What is the rate? 2 OF white/wk. Residential — per gallons
	Residential <u>per</u> gallons
	Commercial per gallons
4.	Does your rate structure encourage conservation? Yes No
	If yes, please describe. XENDS LAPE PLWTUS.

If no, propose an implementation schedule for a conservation rate structure or provide an explanation why this program cannot be implemented. Such rate structure should include at least one of the following: increasing block rates, seasonal rates, quantity based surcharges and/or time of day pricing.

Ordinance Development

- 1. If you are a publicly owned and operated utility, provide a schedule for the adoption of the following water conservation related ordinances or an explanation of why it cannot be undertaken?
 - (a) Requiring the installation of ultra-low volume plumbing fixtures in all new construction, such that plumbing fixtures are installed to comply with the following maximum flow volumes at 80 PSI:

Toilets: 1.6 gal/flush

Urinals: 1.0 gal/flush

Shower heads 2.5 gal/min

faucets (bathroom) 2.0 gal/min

(kitchen) 2.5 gal/min

- (b) Adoption of water conservation based rate structure.
- (c) Prohibiting master meters on new service connections.
- (d) In areas which are prone to freezing temperatures: prohibiting the use of water to freeze protect pipes and bibs.
- (e) Prohibiting wasteful use of water.
- (f) Requiring the installation, where practical, of a dual piping system to provide reclaimed water in new construction.
- 2. Where the local government operating the public water supply utility, pursuant to section 125.568 or 166.048, F.S., determines that water efficient landscaping (Xeriscape) would be of significant benefit as a water conservation measure relative to the cost of water efficient landscape implementation, the local government operating the public water supply utility is required to adopt a water efficient landscape ordinance meeting the requirements of section 373.185(2)(a)-(f), F.S. In the event such a water efficient landscape ordinance is proposed for adoption, the permit applicant shall submit the draft ordinance to the District for determination of compliance with section 373.185(2)(a)-(f), F.S. If the cost/benefit analysis has not been done, the applicant may utilize the District's Guide for Local Governments Water Efficient Landscaping (Xeriscape) ordinance economic feasibility analysis.

- 3. What other regulatory or policy activities have you undertaken or do you plan to undertake to conserve water? (i.e., establishment of a water conservation coordinator position, meter readers monitoring and reporting watering restrictions violations)
- 4. Public water supply utilities operated by private entities are required to document the fact they requested local governments within their service area to adopt those water conservation ordinances listed above. Documentation of the local government's response must be provided.

Section III

USE OF LOWER QUALITY WATER SOURCES

		•

Describe your current reuse program.

1.

- 2. If you do not have a reuse program currently in place, for those public water supply utilities who control, either directly or indirectly, a wastewater treatment plant, provide a time-frame for the completion of an analysis of the economic, environmental, and technical feasibility or reusing reclaimed water, recycling water on-site, utilizing the lowest acceptable quality water source for the intended purpose, and providing reclaimed water or stormwater for end use.
 - Applicants are required to utilize the Guidelines for Preparation of Reuse Feasibility Studies published by the Department of Environmental Regulation in November, 1991.
- 3. If you recycle treatment process discharge water or stormwater for onsite landscape irrigation or for any other purpose, please describe the use.
- 4. Provide a map of the reclaimed water service area showing distribution lines (existing and proposed) and the name, addresses and quantities used by each existing reuse customer.

Section IV

Customer and Employee Education

(Please attach examples of water conservation information you provide to customers)

1. Using the appropriate letter, please summarize on the following list of which public education and employee awareness measures you have already implemented (I) or plan to implement (P).

Activity	Implementation date
 Use bill stuffers to provide water conservation tips and information to customers	_ Curment
 Use special mailings to provide water conservation tips and information to customers	
 Provide specific water conservation literature or other information for different customer categ	gories
 Use other advertising (radio and TV public service announcements, billboards, newspaper of magazine ads) to encourage water conservation	
 Provide water conservation materials to schools	
 Conduct public tours of your facilities	
 Operate informational booths which include water conservation literature	
 Seek employees' ideas for water conservation, using contests, suggestion boxes or other incention	ves
 Install signs in employee restrooms encouraging water conservation	
 Publish and distribute water conservation tips and information via company newsletters, bulleti boards, or employee paychecks	 in

	Appoint an employee water conservation coordinator to design and implement your internal plan
	Conduct other public education and employee awareness activities (please explain)
	Private utility provide information for applicable local water conservation ordinances
2.	Of the education and awareness programs you have implemented, which have been especially effective?
3.	. Of the education and awareness programs you have implemented, which have not been effective? Why?



Post Office Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500

July 17, 2003

CERTIFIED MAIL NO: 70010320000354219034

Miles C. Anderson 2300 SE 17th St Suite 200 Ocala, FL 34471

Re: Request for Additional Information

CUP No. 3002

Project Name: High Pointe

Dear Mr. Anderson:

Thank you for submitting an RAI response. The District received your response on June 20, 2003, however, certain information is still needed to complete your application. The information requested below is specifically required in District Rule Section 4.3 of the Applicant's Handbook. The citation A.H. refers to the Applicant's Handbook. The citation "F.S." refers to Florida Statutes, the citation "F.A.C." refers to the Florida Administrative Code, and the citation "A.H." refers to the Applicant's Handbook: Consumptive Uses of Water, April 10, 2002.

In order to expedite the review of this permit application, please include the District's permit application number (3002) on all correspondence and submit (2) copies of all requested information unless otherwise instructed by a specific information request. All responses to additional information should be addressed to me at the Palatka address noted above.

REQUESTED INFORMATION:

1. The St. Johns River Water Management District proposes to allocate 89.4 million gallons per year (mgy) annual withdrawal through year 2004, 94.5 mgy annual withdrawal through year 2006, 100.7 mgy annual withdrawal through year 2008, and 108.4 mgy annual withdrawal through the duration of the permit as per the information you submitted on the projected water use table. Please indicate if the proposed allocations are acceptable. If not acceptable, please justify any requested increases. [Paragraph 10.3; (a), (b), and (d) A.H.]

GOVERNING BOARD

We ask that you submit the requested information in a timely manner to help expedite review of your application. Please be advised that, pursuant to District procedural rules, any application which has not been technically and administratively completed within 120 days from the date of receipt of a Request for Additional Information by the District, must be forwarded to the Governing Board with a recommendation for denial based upon an incomplete application. However, should you require more than 120 days to respond, additional time to respond may be granted for good cause. You must request, in writing, additional time to respond along with the reason for the request. Please direct such a written request to me and I will let you know if we can grant such an extension.

We thank you again for your application and remind you that should you have any questions regarding this letter or the application in general, please contact me at the Palatka Service Center at (386) 329-4561. I look forward to working with you to get your application completed for Governing Board action at the earliest possible date.

Sincerely,
RadsUM

Randall Motes, Hydrologist II

Department of Resource Management

cc: PDS/RAIL

Todd Eller Residential Water System

Charles Demenzes

PO Box 5220

Ocala, FL 34478



MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

CIVIL • STRUCTURAL • LAND PLANNING • GOLF COURSE DESIGN

2300 S.E. 17TH STREET, SUITE 200 OCALA, FLORIDA 34471

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

August 1, 2003

Randall Motes SJRWMD P.O. Box 1429 Palatka, FL 32178-1429

Re:

CUP No. 3002

Project Name: High Pointe

Dear Mr. Motes,

I am in receipt of your correspondence of July 17, 2003, and confirm that annual withdrawal as stated is in accordance with the project Water Table 2 contained in the C.U.P. submittal for High Pointe Subdivision.

Should you have any further questions or comments, please feel free to contact me at 352-629-5591.

Sincerely,

Miles C. Anderson, P.E.

FL. Professional Engineer #39385

MCA/lb

File: CUP3002



Post Office Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500

August 21, 2003 CERTIFIED MAIL NO: 70010320000354218969

Miles C. Anderson 2300 SE 17th St Suite 200 Ocala. FL 34471

Re: Request for Additional Information

CUP No. 3002

Project Name: High Pointe

Dear Mr. Anderson:

Thank you for submitting an RAI response. The District received your response on August 8, 2003, however, certain information is still needed to complete your application. The information requested below is specifically required in District Rule Section 4.3 of the Applicant's Handbook. The citation A.H. refers to the Applicant's Handbook. The citation "F.S." refers to Florida Statutes, the citation "F.A.C." refers to the Florida Administrative Code, and the citation "A.H." refers to the Applicant's Handbook: Consumptive Uses of Water, April 10, 2002.

In order to expedite the review of this permit application, please include the District's permit application number (3002) on all correspondence and submit (2) copies of all requested information unless otherwise instructed by a specific information request. All responses to additional information should be addressed to me at the Palatka address noted above.

REQUESTED INFORMATION:

1. Please fill out page 14 of the Water Conservation Plan Form for Public Supply. Showing how residences are charged for their water usage. [Paragraph 10.3; (e) A.H.] We ask that you submit the requested information in a timely manner to help expedite review of your application. Please be advised that, pursuant to District procedural rules, any application which has not been technically and administratively completed within 120 days from the date of receipt of a Request for Additional Information by the District, must be forwarded to the Governing Board with a recommendation for denial based upon an incomplete application. However, should you require more than 120 days to respond, additional time to respond may be granted for good cause. You must request, in writing, additional time to respond along with the reason for the request. Please direct such a written request to me and I will let you know if we can grant such an extension.

We thank you again for your application and remind you that should you have any questions regarding this letter or the application in general, please contact me at the Palatka Service Center at (386) 329-4561. I look forward to working with you to get your application completed for Governing Board action at the earliest possible date.

Sincerely, Ruddl met

Randall Motes, Hydrologist II

Department of Resource Management

cc: PDS/RAIL

Todd Eller

Residential Water System

Charles Demenzes

PO Box 5220

Ocala, FL 34478



MILES CHRISTIAN ANDERSON CONSULTING ENGINEERS, INC.

CIVIL • STRUCTURAL • LAND PLANNING • GOLF COURSE DESIGN

2300 S.E. 17TH STREET, SUITE 200 OCALA, FLORIDA 34471

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

August 29, 2003

Randall Motes, Hydrologist II S.J.R.W.M.D. Department of Resource Management P.O. Box 1429 Palatka, FL 32178-1429

RE:

CUP No. 3002

Project Name: High Pointe

Request for additional information

Dear Sir,

As requested find attached page 14 of the Water Conservation Plan Form for Public Supply and a copy of billing sent with conservation tips.

Sincerely,

Miles C. Anderson, P.E.

FL. Professional Engineer #39385

MCA/lb

File:High Pointe

Request for info.

High Point = wTp - aup

	\cdot
	Rate Structure:
1	What type of rate structure do you currently utilize?
	Flat Rate
	Decreasing Rate .
	Inclined Rate
	Combination (explain)
	Variable for seasonal demand (explain)
	X Other (explain) BASE FACILITY CHARGE + USHGE Chg.
2.	Please describe the rate structure. TBASE FACILITY CHARGE of 9.85 FOR WATER (1/4 ACRE LET BASE FACILITY CHARGE OF 24.63 FOR Y2 ACRE AND UP.
3.	What is the rate?
	Residential
·	Commercial per gallons
1.	Does your rate structure encourage conservation?

No

If yes, please describe.

If no, propose an implementation schedule for a conservation rate structure or provide an explanation why this program cannot be implemented. Such rate structure should include at least one of the following: increasing block rates, seasonal rates, quantity based surcharges and/or time of day pricing.

SEE ATTACHED BILLING FOR WEB SITE INFORMATION
THAT IS EXTREMELY INFORMATIVE,

RESIDENTIAL WATER SYS, INC WATER BASE PACILITY CHARGE 9.85 + 0.00 (1 38 PER 1000 GALS) BEWER BASE PACILITY CHARGE: 0.00 + (0.00 PER 1000 GALS) PRIOR BALANCE 201.57 PMTS/ADJ 0.00 CUR CHGS 9.85 >>>> TOTAL DUE: 211.42 ACCOUNT NUMBER 831150 SERV ADDR: 3793 SE 67TH PL DON, M. M. 4920 ALEXANDER DR YOUR AVG USAGE OVER THE LAST 44 MONTHS -METAIRIE, LA. 70003 AVG POR YOUR TYPE SERV OVER LAST 36 MONTHS - 9197 OPPICE HOURS 9AM-4PM MON - FRI PHONE 622-4949 APTER HOURS 843-7737 OR 690-5256 WATER IS OUR MOST VALUABLE RESOURCE. FOR WATER SAVING TIPS SEEhttp://www.swfwmd.state.fl.us/watercon/tips/tips.htm PLEASE RETURN THIS PORTION WITH YOUR PAYMENT YOUR ACCOUNT WILL BE CONSIDERED DELINQUENT IF NOT PAID BY>>> 09/21/2003 AMOUNT DUE UPON RECEIPT -----> 211.42 PAID ____ (please write your account

number 831150 on your check)

RESIDENTIAL WATER SYS, INC DON, M. M. P.O. BOX 5220 OCALA, FL 34478-5220

Monthly messages to print on the billing statements.

- 1. Water is our most valuable resource. For water savings tips see http://www.swfwmd.state.fl.us/watercon/tips/tips.htm
- 2. Water restrictions are still in effect. No watering from 10AM to 4PM. TIP this Month... A faucet drip can use hundreds of gallons a month.
- 3. Did you know that a garden hose lets out 6 gallons of water per minute? Washing a car for 30 minutes will use 180 gallons!!!!!
- 4. When you wash cloths, us the "LOW" water setting and save tons of water per year.
- 5. Check your commode tank monthly for running water. Water conservation is everybody's responsibility.
- 6. Showerheads can pump out 3 to 6 gallons per minute. Limit your shower time accordingly.
- 7. For young children, using a bathtub is conserving water. The kids love it also.
- 8. When watering plants, use a water bucket rather than a hose. It limits how much water you put on the plants where a hose does not.
- 9. A leaking spigot can waste hundreds of gallons per month. Do a monthly review of your outside spigots.
- 10. Flush your hot water tank at least every 6 months to get rid of calcium deposits. It extends the life of the water heater elements.
- 11. Don't leave water running when brushing your teeth, and save up to six gallons per brushing. Do the math and you will be surprised.
- 12. Wait and save money by washing a full load of dishes rather than partial load. It all adds up at the end of the year.

Residential Water Systems, Inc. P.O. Box 5220 Ocala, Fl 34478-5220 352-622-4949

November 17, 2003

Ms. Blanca Bayo, Director Division of the Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Docket No. 030423-WU

Dear Ms. Bayo,

The following are responses to the letter of November 5, 2003 from Ralph Jaeger, Senior Attorney.

- 50. For the first six (6) months of 2002, the weekly management fee was allocated among various expense accounts. In the case of account 604, Pensions and Benefits, the Vice President was not on salary from Residential Water Systems, Inc. and specific expenses such as dental and medical was paid by RWS. The allocation of \$30.00 per week was recorded as shown by exhibit "A". As to \$4,785 in Account 636, I have no idea what was used to develop this amount from the Auditors. Pending detailed information, I will attempt to answer the request. Last but not least, Hospitalization Insurance was paid by MIRA International, Inc. and not charged to RWS in the amount of \$5,966.88 per year. This Hospitalization policy does not include Dental and has a \$500.00 Deductible. The amounts in Account 604 of \$124.00 are for Dental and \$275.08 is against the deductible.
- 51. See number 50 above.
- 52. Regarding Attachment F to Data Request 21 Attachment A to Data Request 39.
 - a. For new construction of residential units, Contractors are charged \$175.00 for 1" Meters, which includes the meter and parts required to connect to the home. Those 1" meters replacing existing 1" non-AMR meters are paid and capitalized by RWS.
 - b. All 5/8" replacement meters are capitalized by RWS.
 - c. In 2003, 13 1" Meters were installed and paid for by Contractors in the amount of \$2,275.00, which was posted as CIAC. The balance of \$18,803.00 was paid by RWS.
 - d. A 5/8" meter and (2) couplings are \$78.00 (Meter) \$5.76 (Couplings) and sales tax of 7% for a total of \$89.62. See attachment "B & C". The cost noted does not include labor to install.
 - e. A 1" meter and (2) couplings are \$135.00 (Meter) \$11.47 (Couplings) and sales tax of 7% for a total of \$156.72. See attachment "B & C". The cost noted does not include labor to install.
- Plant modifications have been completed and paid for. Per our Developer's Agreement, the Developer has paid for that portion of the modification dealing with Fire Flow Requirements by Marion County Code. Of the Total Modification cost of \$41,723.64, the Developer has contributed \$30.000.00.

Sincerely

Charles de Menzes

President

EXHIBIT "A"

8 O RESIDENTIAL WATER SYSTEMS, IN TRIAL BALANCE AS OF 12/31/2002 PAGE 38

7СС.Т #	DATE	C/J 1	TUM BEG BA	L TR AMT	DESCRIPTION
503u00	12/20/2002	2	1220	2,000.00	PAYROLL12/20/2002
	12/27/2002		1227		PAYROLL12/27/2002
,03000	11,1,1,1001	_	1027	1,000.00	2112110333713272772003
CR	0.00) DB	41,800.00	41,800.00	ENDING ACCOUNT BALANCE
504000	EMPLOYEE PE	ENSION	& BENEFITS		
			0.0	0	BEGINNING ACCOUNT BALANCE
504000	01/02/2002	1	2864	30.00	RECLASSIFY01/02/2002
504000	01/07/2002	1	2865	30.00	RECLASSIFY01/07/2002
504000	01/15/2002	1	2869	30.00	RECLASSIFY01/15/2002
504000	01/21/2002	1	2871	30.00	RECLASSIFY01/21/2002
504000	01/28/2002	1	2874	30.00	RECLASSIFY01/28/2002
504000	02/04/2002	1	2875	30.00	RECLASSIFY02/04/2002
504000	02/11/2002	1	2876	30.00	RECLASSIFY02/11/2002
504000	02/18/2002	1	2880	30.00	RECLASSIFY02/18/2002
504000	02/25/2002	1	2883	30.00	RECLASSIFY02/25/2002
504000	03/04/2002	1	2884	30.00	RECLASSIFY03/04/2002
504000	03/11/2002	1	2889	30.00	RECLASSIFY03/11/2002
504000	03/15/2002	1	2891	30.00	RECLASSIFY03/15/2002
504000	03/25/2002	1	2894	30.00	RECLASSIFY03/25/2002
504000	04/01/2002	1	2895	30.00	RECLASSIFY04/01/2002
504000	04/08/2002	1	2898	30.00	RECLASSIFY04/08/2002
504000	04/15/2002	1	2902	30.00	RECLASSIFY04/15/2002
504000	04/18/2002	1.	2903	30.00	RECLASSIFY04/18/2002
5C)	04/29/2002	1	2909	30.00	RECLASSIFY04/29/2002
600	05/07/2002	1	2911	30.00	RECLASSIFY05/07/2002
604000	05/13/2002	1	2915	30.00	RECLASSIFY05/13/2002
604000	05/20/2002	1	2916	30.00	RECLASSIFY05/20/2002
604000	05/24/2002	1	2917	30.00	RECLASSIFY05/24/2002
604000	06/03/2002	1	2924	30.00	RECLASSIFY06/03/2002
604000	06/07/2002	1	2925	30.00	RECLASSIFY06/07/2002
604000	06/17/2002	1	2930	30.00	RECLASSIFY06/17/2002
604000	06/24/2002	1	2933	30.00	MIRA06/24/2002
604000	07/01/2002	1	2934	145.00	MIRA INTERNATIONAL-WE 07/05/2007/01/2002
604000	07/02/2002	1	2935	124.00	HARLAN GOLDBERG DDS-01269 07/207/02/2002
604000	07/02/2002	1	2936	51.39	STEVEN T. POWELL M.D. P.A73507/02/2002
604000	07/02/2002	1	2936	223.69	STEVEN T. POWELL M.D. P.A45607/02/2002
CR	0.0	0 DB	1,324.08	1,324.08	ENDING ACCOUNT BALANCE
615000	PURCHASED	POWER			
C1 E 0 0 0	01/11/0000	1	0.0		BEGINNING ACCOUNT BALANCE
	01/11/2002		2867		FLORIDA POWER CORP-27319-6506901/11/2002
	02/14/2002		2877		FLORIDA POWER CORP-27319-6506902/14/2002
	03/08/2002		2885		FLORIDA POWER CORP-27319 6506903/08/2002
	04/04/2002 05/10/2002		2896		FLORIDA POWER CORP-27319-6506904/04/2002
	05/10/2002		2913 2927		FLORIDA POWER CORP-27319 6506905/10/2002 FLORIDA POWER CORP-27319-6506906/10/2002
	07/05/2002		2941		FLORIDA POWER CORP-27319-6506906/10/2002 FLORIDA POWER CORP-27319 6506907/05/2002
	08/21/2002		2956		FLORIDA POWER CORP-27319 6306907/03/2002
	09/06/2002		2967		FLORIDA POWER CORP-27319 6506909/06/2002
	10/04/2002		2980		FLORIDA POWER CORP-27319 6506909/04/2002
	11/01/2002		2994		FLORIDA POWER CORP-273196506911/01/2002
	,,,	_		1.0.01	



Branch Account Salesperson Invoice Date Invoice Number
055 091242 Jeff Marshall 9/26/03 9780200

Remit to:

NWW - Ocala FL
Branch - 055
820 SW 33rd Avenue
Ocala FL 34474 0000

National Waterworks, Inc. PO BOX 100467 ATLANTA, GA

30384-0467

352/351-8144

In Reduct delta de la belief de la belief

M.I.R.A. INTERNATIONAL INC PO BOX 4230 OCALA FL 34478 4230 Shipped to:

CUSTOMER PICK-UP

00/000

Total Amount Due

834.60

Return Top Portion With Payment For Faster Credit

Thank You For The Opportunity To Serve You. We appreciate your prompt payment.

Date Ordered	Date Sh	upped	Customer P	O No.	Jol	b Name	Job N	lo. B	ill of Ladin	g Shipped Via	ı	Order Number
9/25/03	9/25	/03			•		<u>, </u>			WILL CAL	Ľ,	9780200
Product Code	Description				Quantity Ordered	Quantity Shipped	Back- Ordered	Price	Per	Amount		
4307GTRCPMI	M7W	5/8X3/4 PMM TRC 7WHEEL 1GAL BID SEQ# 160					46	10	36	78.00000	EA	780.00
4310GTRCPM		1 PMM TRC 7WHEEL 1GAL BID SEQ# 180					12		12	135.00000	EA	.00
											:	
							Terms		Subtotal			
		Γ			 	·····		· · ·		NET 30		780.00
			Freight	Delive	ry	Handling	Restock		Misc	Tax		Invoice Total
		L								54.60		834.60

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Invoice: 9780200

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Branch	Account	Salesperson	Invoice Date	Invoice Number
055	091242	Jeff Marshall	11/06/03	9910167

Remit to:

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OCALA FL 34478 4230

352/351-8144

PO BOX 4230

INVOICE

National Waterworks, Inc. PO BOX 100467 ATLANTA, GA

30384-0467

Shipped to:

CUSTOMER PICK-UP

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Total Amount Due

861.22

Return Top Portion With Payment For Faster Credit

lallalahlalladlalahdahdallallallaadlallaandl

M.I.R.A. INTERNATIONAL INC

Thank You For The Opportunity To Serve You. We appreciate your prompt payment.

Date Shipped	Customer P	O No.	Job Name	Job N	lo. B	ill of Lading	Shipped Via		Order Number
11/05/03	5/03 .						WILL CAL	WILL CALL	
Product Code Description				Quantity Ordered	Quantity Shipped	Back- Ordered	Price	Per	Amount
191	4 PLAS M	TR BOX	W/PLAS RDR	12	12	2	11.62700	EA	139.52
3/4	METER C	PLG (EA	CH)	50	50	,	2.88000	EA	144.00
1 M	ETER CPL	G (ROUG	H BARREL) EA	50	50	,	5.73300	EA	286.65
			OOL PES01	2	2		62.05500	EA	124.11
3/4	PVC ST	90 BEND	MIPTXH	6	6	;	.76000	EA	4.56
1 P	VC SCH40	MALE A	DPT MIPTXH	6	6	5	.54000	EA	3.24
3/4	PVC SCH	40 MALE	ADPT MIPTXH	23	23		.30000	EA	6.90
#52	#52 1 SS INSERT F/CTS PE				100)	.95900	EA	95.90
					**************************************	1	Terms	Т	Subtotal
-							NET 30		804.88
	Freight	Delivery	y Handling	Restock	Restock 1		Tax		Invoice Total
							56.34		861.22
	191 3/4 1 M REE F/WA 3/4 1 P 3/4	Desc 1914 PLAS M 3/4 METER CPL REED PE SHU F/WATER SERV 3/4 PVC ST 1 PVC SCH40 3/4 PVC SCH #52 1 SS IN	Description 1914 PLAS MTR BOX 3/4 METER CPLG (EA 1 METER CPLG (ROUG REED PE SHUT OFF TF/WATER SERVICE 3/4 PVC ST 90 BEND 1 PVC SCH40 MALE A 3/4 PVC SCH40 MALE #52 1 SS INSERT F/	Description 1914 PLAS MTR BOX W/PLAS RDR 3/4 METER CPLG (EACH) 1 METER CPLG (ROUGH BARREL) EA REED PE SHUT OFF TOOL PESO1 F/WATER SERVICE 3/4 PVC ST 90 BEND MIPTXH 1 PVC SCH40 MALE ADPT MIPTXH 3/4 PVC SCH40 MALE ADPT MIPTXH #52 1 SS INSERT F/CTS PE	Description Description 1914 PLAS MTR BOX W/PLAS RDR 3/4 METER CPLG (EACH) 1 METER CPLG (ROUGH BARREL) EA REED PE SHUT OFF TOOL PESO1 F/WATER SERVICE 3/4 PVC ST 90 BEND MIPTXH 1 PVC SCH40 MALE ADPT MIPTXH 3/4 PVC SCH40 MALE ADPT MIPTXH 23 #52 1 SS INSERT F/CTS PE 100	Description Quantity Shipped	Description Quantity Shipped Back-Ordered Shipped Profession Description Quantity Shipped Cordered Description Descrip	Description Quantity Quantity Back Price	Description Quantity Ordered Shipped Price Per

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