

ORIGINAL

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July 23, 2001

VIA HAND DELIVERY

Blanca Bayo, Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

RECEIVED - FPSC  
JUL 23 PM 3:15  
COMMISSION  
CLERK

RE: Docket No. 991666-WU  
In re: Application for amendment of Certificate No. 106-W  
to add territory in Lake County by Florida Water Services  
Corporation.

Dear Ms. Bayo:

Attached please find the original and 15 copies of Late-filed Exhibit 18 to Joseph A. Mittauer's testimony to be filed in the above-styled docket.

*(original given to Pat for the record)*

Should you have any questions or need any additional information regarding this filing, please contact me.

Very truly yours,

*Suzanne Brownless*

Suzanne Brownless  
Attorney for the City of Groveland

c: 3422  
cc: All parties

APP \_\_\_\_\_  
CAF \_\_\_\_\_  
CMP \_\_\_\_\_  
COM 3422  
CTR \_\_\_\_\_  
ECR \_\_\_\_\_  
LEG 1  
OPC \_\_\_\_\_  
PAI \_\_\_\_\_  
RGO \_\_\_\_\_  
SEC 1  
SER \_\_\_\_\_  
OTH \_\_\_\_\_

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE  
**08965** JUL 23 01  
FPSC-COMMISSION CLERK

September 5, 2000

Ms. Suzanne Brownless, Esquire  
Suzanne Brownless, P.A.  
1311-B Paul Russell Road, Suite 201  
Tallahassee, FL 32301

RE: Summit PUD - Domestic Water & Wastewater System Demand  
Florida Water Services Corp. Service Area  
City of Groveland, Florida  
Mittauer & Associates Project No.: 9901-03-2

Dear Ms. Brownless:

At your request, we have calculated the water and wastewater system demand for the proposed Summit PUD as listed below. The calculations are based upon 135 single family units with a golf course, country club and two comfort stations. We noted that the Florida Water Services Water Service Agreement, Exhibit "B" showed this as a total of 148.23 ERCs. We have used this same figure in our calculations assuming that the difference between the 148.23 and 135 ERCs is for the golf course, country club and two comfort stations. We have used the criteria set forth in Lake County's Comprehensive Plan in projecting the flow rates as follows:

Size of Subdivision = 135 single family lots plus amenities  
= 148.23 ERC

Average Day Water Demand per Chapter VI-D, 6D-1.3 of Lake County Comprehensive Plan

= 148.23 ERC x 350 gpd/ERC  
= 51,880 gpd  
= 36 gpm

Average Day Wastewater Demand per Chapter VI-A, 6A-1.6 of Lake County Comprehensive Plan

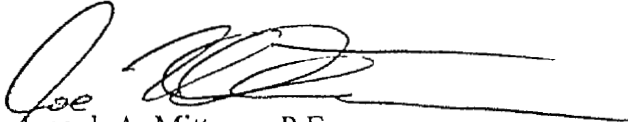
= 148.23 ERC x 300 gpd/ERC  
= 44,469 gpd  
= 31 gpm

This letter is to confirm that the City has the capacity to serve the proposed Summit PUD. Sizing of the facilities between the Garden City subdivision and the Summit PUD would be performed at

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a later date. We did note that Florida Water Services projected a much smaller water demand, and it appears they do not intend to offer fire protection in the water system or wastewater collection. Please do not hesitate to call me should you have any questions.

Sincerely yours,  
Mittauer & Associates, Inc.

  
Joseph A. Mittauer, P.E.  
President

JAM/bb  
Enclosures

cc: Jason Yarborough, City of Groveland  
Larry Walker, City of Groveland

## CHAPTER VI

### PUBLIC FACILITIES ELEMENT

#### 9J-5.011(2)

##### Potable Water Sub-Element - Chapter VI-D

GOALS, OBJECTIVES, AND POLICIES. This section stipulates Goals, Objectives and Policies for obtaining the desired level of Potable Water Services in Lake County, pursuant to Section 9J-5.011 (2), Florida Administrative Code.

GOAL 6D: PROVISION OF POTABLE WATER FACILITIES. PLAN AND PROVIDE FOR THE ADEQUATE PRODUCTION, TREATMENT AND DISTRIBUTION OF POTABLE WATER IN A COST EFFECTIVE MANNER BALANCING THE NEEDS OF GROWTH, ENVIRONMENT AND PUBLIC HEALTH, SAFETY AND WELFARE.

OBJECTIVE 6D-1: PROVISION OF POTABLE WATER TO MEET THE ANTICIPATED DEMAND AND ESTABLISH REQUIRED LEVELS OF SERVICE. Lake County Shall Assure That Procedures Are In Place Which Assure That Facility Needs Are Met Commensurate With the Demand For Those Facilities.

Policy 6D-1.1: Level of Service Standards for Quality. Lake County shall require, at a minimum, all potable water to be produced, treated, stored and distributed in accordance with all Federal, State and County requirements. For implementation, the Lake County Department of Environmental Services shall pursue the assumption of the Florida Department of Environmental Regulations (FDER) Drinking Water Program (permitting, compliance and enforcement) by delegation through a Specific Operating Agreement with the FDER.

Policy 6D-1.2: Design and Construction Standards. By February 1992, Lake County shall prepare and adopt by ordinance design and construction standards for the production of raw water supplies, treatment, storage and distribution. The ordinance shall include the creation of a Lake County Utility Permit.

Policy 6D-1.3: Level of Service Standards for Quantity. By February 1992, Lake County shall prepare and adopt an Equivalent Residential Unit (ERU) Design Flow Schedule, Peaking Factors and storage requirements for adequate hydraulic design of water supply, treatment and distribution systems. The ERU Flow Schedule shall be based on a ERU of 350 gallons per ERU-day at a minimum of 20 psi for a single family, three bedroom, two bath dwelling unit.

Policy 6D-1.4: Promote Innovative Methods. Lake County shall allow innovative methods, such as xeriscape landscaping and dual water systems, for reduction of the use of potable water, provided sufficient documentation can be presented to establish a reduction in flow.

Policy 6D-1.5: Monitor the Impact of Reuse. In conjunction with Policy 6D-1.2 and Policy 6D-1.3, the Lake County Department of Environmental Services shall monitor the impact of reuse on potable water demand and modify the schedule as appropriate.

Policy 6D-1.6: Industrial Water Use Ordinance. By 1995, Lake County shall prepare and adopt an Industrial Water Use Ordinance requiring all industry and commercial business to utilize the lowest quality and quantity of water required for each specific use. Enforcement shall be ensured at the time of issuance of the Lake County Utility Permit.

Policy 6D-1.7: Potable Water System Inspection and Enforcement Program. By 1992, Lake County shall prepare and adopt a Potable Water System Inspection and Enforcement Program Ordinance to monitor and enforce the