

State of Florida



ORIGINAL

Public Service Commission

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CLERK

DATE: September 5, 2006

TO: ~~Blanca S. Bayo, Commission Clerk and Administrative Services Director~~

FROM: ^{RPL} Richard P. Redemann, Professional Engineer III, Division of Economic Regulation

RE: Docket No. 060256-SU; Alafaya Utilities, Inc. Application for Rate Increase in Seminole County, Florida.

Please add to the docket file the attached Reuse Information Sheet that was made available to the customers at the November 15, 2006 Customer Meeting.

RPR:kb
Attachment
cc: Division of Economic Regulation (Fletcher, Rendell)
Office of General Counsel (Jaeger)

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Reuse Information Sheet

The Commission is aware that there have been some concerns over reuse. It is not an uncommon problem in Florida for reuse customers to use up all the reuse water during dry periods of time. Keep in mind the amount of wastewater treated and filtered limits the amount of reuse that is available. Staff had an informal meeting/telephone conference on Friday, June 23, 2006 to discuss actions to be taken in regards to improving the utility's provision of reuse. On July 31, 2006, Alafaya Utilities, Inc. (Alafaya or utility) provided details on how they plan to address reuse.

Alafaya's Planned Improvements

The utility added a 20 inch reuse main to parallel the existing 10 inch reuse main. The new 20 inch reuse main should improve the pressure. The utility has submitted plans to construct a 1.5 million gallon reuse storage tank along with high service pumping, allowing additional reuse to be stored. The utility has proposed to add four 4 inch augmentation wells capable of producing 99,000 gallons each for a total of 396,000 gallons per day. This will add to the amount of reuse available.

Planned In-Service Dates

20 inch reuse main	Completed - October 9, 2006
1.5 million gallon storage tank	Before June 1, 2007
Four 4" Augmentation Wells	12/31/06 if no CUP ¹ is required Unknown if a CUP is required

Reuse Used

Typically, it takes 4 wastewater customers to supply 1 reuse customer. The ratio for Alafaya is 6.1 wastewater customers for 1 reuse customer. During the 2005 test year, the residential and commercial reuse customers used 211 million gallons. The residential reuse customers alone used 205 million gallons in 2005. With about 800 residential reuse customers in 2005, this equals 21,000 gallons/month of reuse per customer.

¹ CUP – Consumptive Use Permit issued by the St. Johns River Water Management District