



Pinellas County Utilities
Administration
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MEMORANDUM

TO: Stephen M. Spratt, County Administrator
Elizabeth Warren, Assistant County Administrator
Will Davis, Director, Environmental Management
Bruce Rinker, Environmental Lands Division Director
Dave Slonena, Hydrogeology Manager

FROM: Richard V. McLean, Interagency Water Manager

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SUBJECT: Water Blending Facility Information

DATE: July 20, 2006

The County recently received a letter from the SWFWMD concerning the issuance of a well construction permit for a water well on the Water Blending Facility (WBF) site. The purpose of this memo is to provide information regarding the well and its use. The development of the WBF requires a water supply during the construction phase. The water will be used: 1) to irrigate the entrance road and vegetated berm that will beautify the site and help shield the view of the facility from Trinity Boulevard and the adjacent homes; 2) for light use during construction for activities such as aiding in the concrete curing process; and 3) as public water supply to three construction trailers during the construction phase. The public supply and construction assistance quantities will cease once the WBF is complete, and water will continue to be used to meet site landscape irrigation needs.

Connections to both the Aloha Utility in Pasco County and the TBW regional system were evaluated as possible supply sources. Aloha was not able to provide water and the TBW connection would have been a new Point of Connection so it was not pursued. As a result, the construction of a new well on the site was pursued by Jacobs Construction, the County's contractor on site. The permit was obtained and the well has been constructed.

The well did not require a consumptive use permit from the SWFWMD due to its small size and low use rate. The peak use from the 4 inch diameter well during construction is estimated to be in the 10 to 15 thousand gallon per day range with much less use when limited to site irrigation.

Cc: Pick Talley, Director of Utilities
Mike Sweet, Director of Engineering
Mike Engelmann, PCU, Sr. Engineer
Wayne Koch, PCU, Sr. Engineer