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080121-WS

May 13, 2009

Florida Public Service Commission  
Chairman Matthew M. Carter II  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32390-0850

Dear Chairman Carter,

I wanted to provide you a brief update on the water pilot project that Aqua Utilities Florida, Inc. ("AUF") is currently implementing in our Chuluota water system. AUF has committed to the Florida Department of Environmental Protection ("FDEP") to perform the pilot work and proceed with installation of additional treatment to improve water quality in Chuluota.

On the advice of Dr. Taylor, AUF is testing two water treatment processes at the Chuluota Water Treatment Plant #2. The Thermax ion exchange unit was installed at Chuluota on March 25, 2009. The Adedge filtration system was installed at Chuluota on April 15, 2009. Both the Adedge and Thermax processes are designed to improve the quality of the Chuluota water, particularly by removing hydrogen sulfide more efficiently than the tray aerators that are now in place. None of the water that is utilized in the pilot project enters the Chuluota water system. After the pilot project is complete, AUF will initiate planning and construction of one of the treatment processes in accordance with the timelines set forth in the FDEP consent order.

We understand that some customers have observed an increased level of activity at the water treatment plant #2 and have contacted the FDEP with questions. AUF has been updating the FDEP regularly and is giving FDEP a tour of the pilot processes in the upcoming weeks.

Some customers have expressed questions about the pilot project, and in particular the regeneration and backwashing processes. These are treatment operation functions that periodically clean and restore the filters. The water that that is used to clean the media is collected and stored on site into a tank mounted on a trailer. Once the storage tank contains approximately 400 gallons of backwash water it is then discharged to the sewer system to be treated at our wastewater treatment facility. There is no wastewater service line presently at the Water Plant #2 site. Thus, the wastewater

An Aqua America Company

DOCUMENT NUMBER-DATE

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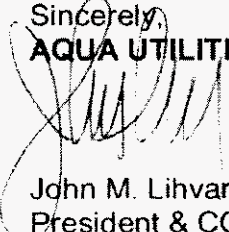
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Chairman Carter  
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needs to be physically transported. Backwash water from the pilots has been trucked twice since the pilot work started in March. The backwash water is treated at our wastewater treatment facility. All wastewater is being disposed in accordance with FDEP guidelines.

If you have any questions about these pilot projects, we would be happy to answer any questions or provide further clarification.

Sincerely,

**AQUA UTILITIES FLORIDA**



John M. Lihvarcik  
President & COO

cc: Commissioner McMurrian  
Commissioner Edgar  
Commissioner Skop  
Commissioner Argenziano  
Charlie Beck  
Cecilia Bradley  
Kim Dodson

## Ann Cole

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**From:** Ann Cole  
**Sent:** Friday, May 15, 2009 5:41 PM  
**To:** William C. Garner; Mary Anne Helton  
**Cc:** Roberta Bass; Lorena Holley; Larry Harris; Bill McNulty  
**Subject:** RE: Chuluota Water Pilot Project Update

**Tracking:**

Recipient	Read
William C. Garner	Read: 5/15/2009 5:42 PM
Mary Anne Helton	
Roberta Bass	Read: 5/15/2009 5:42 PM
Lorena Holley	
Larry Harris	
Bill McNulty	

Sounds good. Based on this email, the attachment will be placed in Docket No. 80121-WS

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**From:** William C. Garner  
**Sent:** Friday, May 15, 2009 3:38 PM  
**To:** Mary Anne Helton; Ann Cole  
**Cc:** Roberta Bass; Lorena Holley; Larry Harris; Bill McNulty  
**Subject:** Re: Chuluota Water Pilot Project Update

Thanks! I agree.

Ann,

Please file the letter in the main docket file.

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William C. Garner (Bill)  
Florida Public Service Commission  
Chief Advisor to Chairman Carter  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0855  
(850) 413-6046 Office  
(850) 559-5285 Mobile Device

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**From:** Mary Anne Helton  
**To:** Ann Cole; William C. Garner  
**Sent:** Fri May 15 15:36:55 2009  
**Subject:** RE: Chuluota Water Pilot Project Update

Because of the substance of the letter and the outstanding Chuluota issue, it seems to me this should be filed in the main docket file.

Mary Anne

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5/15/2009

**From:** William C. Garner  
**Sent:** Friday, May 15, 2009 3:30 PM  
**To:** Mary Anne Helton  
**Cc:** Ann Cole  
**Subject:** FW: Chuluota Water Pilot Project Update

Ann is going to place this in the correspondence file. Is this the correct place for it? The attached letter is from the company president and it is addressed to the Chairman and copied to the Commissioners.

*William C. Garner (Bill)*

Florida Public Service Commission  
Chief Advisor to Chairman Carter  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0855  
(850) 413-6046

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**From:** Ann Cole  
**Sent:** Friday, May 15, 2009 3:19 PM  
**To:** William C. Garner  
**Cc:** Commissioners Advisors; Administrative Assistants - Commission Suite  
**Subject:** FW: Chuluota Water Pilot Project Update

Thank you for this information. This attachment has been printed and will be placed in *Docket Correspondence - Customers and their Representatives*, in docket 080121-WS.

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**From:** Office of the Chairman  
**Sent:** Friday, May 15, 2009 2:19 PM  
**To:** Ann Cole  
**Cc:** Roberta Bass; Lorena Holley; Larry Harris; Bill McNulty  
**Subject:** FW: Chuluota Water Pilot Project Update

Ann,

Please file this correspondence in docket number 080121-WS.

*William C. Garner (Bill)*

Florida Public Service Commission  
Chief Advisor to Chairman Carter  
2540 Shumard Oak Boulevard  
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(850) 413-6046

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**From:** Eckles, Karen E. [mailto:KEEckles@aquaamerica.com]  
**Sent:** Friday, May 15, 2009 1:01 PM  
**To:** Office of the Chairman  
**Cc:** Office of Commissioner Argenziano; Office Of Commissioner Edgar; Office of Commissioner McMurrin; Office of Commissioner Skop; cecilia.bradley@myfloridalegal.com

5/15/2009

**Subject:** Chuluota Water Pilot Project Update

Chairman Carter,

I have attached a letter from President & COO John Lihvarcik of Aqua Utilities Florida, Inc. regarding Chuluota and an update on our water pilot project. The original will be mailed. For questions or comments please contact Mr. Lihvarcik directly at [JMLihvarcik@aquaamerica.com](mailto:JMLihvarcik@aquaamerica.com) or reply to me and I will forward your responses.

Respectfully,

Karen  
*Aqua Utilities Florida, Inc.*

5/15/2009