

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: November 1, 2016
TO: Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk
FROM: Clayton Lewis, US Engineering Specialist, Division of Engineering *CL*
RE: DN 150010- WS- Application for staff-assisted rate case in Brevard County by Aquarina Utilities, Inc.

Please file the attached "Aquarina System Outages" letter Dated November 1, 2016, in the **Consumer side of the Correspondence Tab** in the above mentioned docket file.

Thank you.

Attachments

Terri Jones

From: Clayton Lewis
Sent: Tuesday, November 01, 2016 12:11 PM
To: Terri Jones
Cc: Robert Graves; Charles Murphy; Laura King
Subject: FW: Aquarina System Outages
Attachments: Aquarina recent outage.pdf

Please file this email message train and the attachment in the correspondence side of the docket file.

Thank you

From: Scates, Franklin B [<mailto:Frank.Scates@brevardfl.gov>]
Sent: Tuesday, November 01, 2016 11:41 AM
To: Clayton Lewis
Cc: jroyer@cox.net
Subject: Aquarina System Outages

Mr. Lewis ;

At the request of a Mr. Royer I am sending you this email that I just filed as the narrative portion of a complaint form to the PSC regarding 2 recent outages for fire protection water supplies on Aquarina Development. He stated a Docket #150010.

The system for irrigation and fire protection appears to be a far cry from the system when it was installed new in 2002/2003 timeframe just on the availability of water for firefighting purposes.

Thank You

Frank Scates, Fire Marshal
Brevard County Fire Rescue
1040 S. Florida Avenue
Rockledge, FL 32955

Ph. (321) 633-2056
Fx. (321) 633-2109

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Brevard County Fire Rescue



Timothy J. Mills Fire Rescue Center
1040 S. Florida Avenue
Rockledge, Florida 32955

Phone – (321) 633-2056
Fax – (321) 633-2057

31 October 2016

To Whom It May Concern:

My name is Frank Scates and I am the Fire Marshal for Brevard County Fire Rescue. The Aquarina community is within our jurisdictional boundaries. I would like to have this complaint on record.

In the past several months we have had system outages that the management did not appear to have knowledge of not was the Fire Chief or designee notified as required in the Florida Administrative Rule #25-30.250(3) under Continuity of Service. This office was called by a fire sprinkler contractor who was conducting a fire flow during a require fire inspection on the system after he found there was no water for firefighting purposes supplying the fire sprinkler system for a 8 story condominium. The assigned inspector issued a Notice of Violation, spoke with the owner. He relayed the info to me that the system has no means of notification to anyone that the system shut down at the 250,000 reserve but that the pumps shut down the water providing water for the fire protection systems in addition to the landscape irrigation. The owner's attorney sent the inspector a letter stating that he had not jurisdiction requiring anything in regards the system. I believe that is incorrect and FS 633 along with the adopted standards and rules apply, just as they did with the previous owner of the systems and they were bought before the local Code Enforcement Board and to the Public Service Commission in 2002/2003 timeframe.

The most recent event that I am aware to place Thursday afternoon on October 27th 2016 where the local fire station which boarder the north property line of the development. They were requested to test the fire hydrants, the station crew went across the street and tried flowing a fire hydrant at the Tidewater Condo; the officer reported "there was water flow with severely compromised pressure with large pockets of air. It is unusable for fire fighting". In my files this hydrant previously flowed (approx. 10-12 years ago after the old system was abandoned and a new system installed) Flow 1160 with a Static pressure of 70psi and Residual of 50psi.

On Friday October 28, 2016, I request that the on duty crew test some hydrants to make sure they system was operating. They tried three locations one of which I have no record of ever being tested at the 110 Warsteiner Way location. However the other two locations were tested at the same time the hydrants in the above paragraph were tested below are the results

927 Aquarina Blvd	Previously	Flow 1260 Static Pressure of 71psi and Residual of 55psi
	10/28/2016	Red capped less than 500 gpm's

255 Hammock Shores Dr.	Previously	Flow 1100 gpm / Static of 70psi and residual of 55psi
		Also, red capped - less than 500 gpm's

This system need to be maintained as per the Code and at a minimum as the system was designed in 2002/2003 when it was installed.

My office needs to be made aware immediately when the system is shutdown or otherwise off to try and get additional firefighters and alternative water supplies available. The closest responding fire station to aid in backup is approximately 10 miles away.

I will be following this up with the County Attorney and The Code Enforcement Office.



Frank Scates, Fire Marshal
Brevard County Fire Rescue
1040 S. Florida Avenue
Rockledge, Fl 32955