



September 9, 2016

VIA E-FILING

Carlotta S. Stauffer, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

RE: Docket No. 110200-WU; In re: Application for increase in water rates in Franklin County by
Water Management Services, Inc.
Our File No. 46023.01

Dear Ms. Stauffer:

Water Management Services, Inc. ("WMSI" or "Utility") submits the attached in responses to
Staff's Eleventh Data Request dated August 30, 2016.

Should you or Staff have any questions concerning this filing, please do not hesitate to give me
a call.

Very truly yours,

/s/ Martin S. Friedman

MARTIN S. FRIEDMAN
For the Firm

MSF/

cc: Gene Brown (via e-mail)
Sandy Chase (via e-mail)
Margo Leathers, Esquire (via e-mail)
Stephanie Morse, Esquire (via e-mail)
Amber Norris (via e-mail)

- 1) **WMSI'S response to Item 10, subpart (d), of staff's ninth data request includes references to warranty deeds in Exhibits E and F to support the sale of lots back to WMSI. Please provide the purchase agreements that were executed with respect to the sale of these lots.**

Response: There were no purchase agreements regarding the sale of lots back to WMSI.

- 2) **The following questions relate to WMSI's response to Item 1, subpart (a) of staff's tenth data request which states:**

After the original contract, WMSI and its engineer determined that it would be more efficient and provide better flow and pressure to the east end of the island if the tie-in at the bridge was done on the end side rather than the west side of the bridge, and if a 12" line was constructed to and across Franklin Blvd. to tie into the two main lines running to the State Park at the extreme east end of the island. This improvement was made to provide better fire flow and pressure at Sunset Beach and 300 Ocean Mile, two higher density areas near the entrance to the Park. (See Exhibit "A" attached).

- a. **What was the estimated minimum fire flow capability (gallons per minute) at Sunset Beach and 300 Ocean Mile prior to the described tie-in?**

Response: WMSI's engineering analysis showed that, prior to the 12" tie in and the other plant improvements, the water pressure at 300 Ocean Mile would have been estimated to be 19.19 psi at 500 gpm, which is slightly below the state mandated minimum of 20 psi throughout the system. The Saint George Island Volunteer Fire Department reports that they were not receiving 500 gpm, but only received less than 400 gpm prior to the 12" tie-in and other improvements. (See attached Les Thomas letter and Jay Abbott letter.)

- b. **What is the estimated/actual minimum fire flow capability (gallons per minutes) at Sunset Beach and 300 Ocean Mile with the described tie-in?**

Response: Based upon an actual test conducted by the Saint George Island Volunteer Fire Department during the week of September 5, 2016, the fire flow capability at Sunset Beach and 300 Ocean Mile was 750 gpm at 80 psi, after the 12" tie-in and other improvements were completed. (See Jay Abbott letter.)

- 3) **Have all pro forma projects, included in the documented total cost of \$3,950,533, been completed? If no, please identify all projects that have not been completed and the anticipated completion date.**

Response: Yes, all the pro forma projects included in the documented cost of \$3,950,533 have been completed and are in service.

3460 Point View Circle

LES THOMAS, PE, CVS, Consulting Engineer

Gainesville, GA 30506

September 9, 2016

Mr. Gene Brown
Water Management Services, Inc.
250 John Knox Road, Suite 4
Tallahassee, FL 32303

RE: Addition of approx. 1,232 lf of 12" pipe to the St. George Island Distribution System

Dear Mr. Brown:

At my suggestion, Water Management Services, Inc. added 1,232 lf of 12" water main which basically transports treated water from the new pumping station to the 2 existing pipes on the east side of Franklin Blvd., which then run to the state park, the Sunset Beach area and the 300 Ocean Mile area. This piping directly reinforced the supply capacity to the east end of the island. This work was thoroughly discussed by me with your manager and you prior to it being installed and we all agreed that it would be a wise decision to tie these two together now. If not the water would have been routed from the new plant to the south thence to the east and then to the north and would have been very expensive to install as all of the space in these areas is built up. The new route we took was clean and unobstructed.

I did an analysis of the pressure and flow in this area prior to the new 12" line using the KY Pipe Hydraulics computer program, 2016 edition. This showed that the pressure at the entrance to the state park would have been approximately 19.19 psi with a 500 gpm fire flow without the new 12" pipe, which is just below the minimum of 20 psi required by DEP for a water system in Florida such as the one operated by WMSI on St. George Island.

The Saint George Island Volunteer Fire Department conducted a fire flow test at 300 Ocean Mile after the 12" line was installed along with the other improvements and found that the fire flow at 300 Ocean Mile is now 750 gpm at 80 psi (See Jay Abbott letter attached.) The installation of the 12" line was a significant factor in this improvement in fire flow and pressure.

If you need any further information, please feel free to call.

Sincerely,
Les M. Thomas, PE
Florida 24705



Emergency
911

**Saint George Island
Volunteer Fire Department
First Responders**

P.O. Box 682
Eastpoint, FL 32328



Business
850-927-2753

September 8th, 2016

To whom it may concern:

RE: Fire Fighting Water Usage at 1800 Block East Gulf Beach Drive – Sunset Beach.

On August 5th, 2016, we responded to a structure fire located at Sunset Beach, which is located in the 1800 block of East Gulf Beach Drive. In the past, this would have been a dangerous situation as the fire flow was inadequate. However, since the addition of a new line, we were able to perform our firefighting duties with the increase in fire flow. The increase in fire flow enabled us to work in a safer environment resulting in less damage to the structure.

The Saint George Island Volunteer Fire Department conducted a fire flow test at the 300 Ocean Mile fire hydrants, located on East Gulf Beach Drive, and found the water flow to be 750 gallons per minute from the hydrant to the truck. Prior to the installation of the new water lines and pumping station, we received less than 400 gallons per minute.

We also conducted a pressure test and found that we had 80 pounds of pressure at the meter.

We would like to thank Gene Brown for his continued upgrades resulting in safer and more efficient fire flow for fire protection.

Regards,

Jay Abbott

Fire Chief.