

**ATHENS MUNICIPAL WATER AUTHORITY**  
**November 14, 2018**

The Board of Directors of the Athens Municipal Water Authority ("AMWA" or "Authority") met in Regular Session on Wednesday, November 14, 2018, 8:00 a.m. at the Athens Municipal Water Authority Headquarters, with the following members present, to-wit:

Mike Peek, President  
Ed Gatlin, Vice-President  
Don Foster, Secretary  
Milburn Chaney, Board Member  
Frank Lunceford, Board Member

others present: Bill Casey, AMWA Executive Director; Martin Bennett, AMWA Attorney; Beth McConnell, Office Manager; Tyler Hendrickson, Velvin & Weeks Consulting Engineers; Corey Frentress, Frentress Engineering; Mike Thornhill, Thornhill Group, Inc.

guests of note: Monte Montgomery, Mayor, City of Athens; Aaron Smith, City Council, City of Athens; Randy Williams, City of Athens

constituting a quorum at which time the following proceedings were enacted to wit:

**CALL TO ORDER**

The meeting was called to order at 8:00 a.m. by President Peek

**DECLARATION OF CONFLICT OF INTEREST**

No conflicts of interest were declared.

**OPPORTUNITY FOR CITIZENS TO EXPRESS ITEMS OF CONCERN**

Mayor Monte Montgomery expressed the City of Athens' appreciation for AMWA doing their due diligence in regards to responsibly sourcing water. The Mayor also informed AMWA that the City is applying for grants to rehabilitate aging water distribution infrastructure within the City.

Mrs. Jane Nettune, of Impala South Subdivision, submitted questions that she hoped the hydrogeology report would answer regarding AMWA use of wells, and if that use cause small domestic wells, such as her own, to run dry. She also spoke briefly on vegetation.

**CONSENT AGENDA**

A motion was made by Director Gatlin, seconded by Director Lunceford, to approve the minutes of the October 10, 2018, Regular Session meeting.

**COMMITTEE REPORTS**

Director Gatlin presented the financial statements.

Director Gatlin presented the monthly bills for payment. A motion was made by Director Foster, seconded by Director Chaney, for payment of those bills. This motion carried unanimously.

**PRESENTATION OF HYDROGEOLOGY REPORT OF POWDER RIVER RANCH FROM THORNHILL GROUP, INC.**

Mike Thornhill, of Thornhill Group, Inc., presented the hydrogeology study that the Authority had commissioned.

Mr. Thornhill spoke regarding the condition of the Carrizo-Wilcox aquifer. In Henderson County alone, there is 60 million acre-feet of water in aquifer. According to his modelling, the aquifer could maintain pressure conditions, known as artesian conditions, even if the Authority pumped 3,300 acre-feet of water annually. In his opinion, this aquifer is virtually drought proof.

Mr. Thornhill made the following recommendations:

- Immediately have the Authority's permit for WTP Well #1 maximum pumpage limits increased
- Perform additional production testing on WTP Well #1 to verify long-term capacity
- Have the Texas Water Development Board Desired Future Conditions (DFC) and Modeled Available Groundwater (MAG) changed to reflect increased pumping of WTP Well #1 and the first Powder River well (to ensure permit success)
- Begin obtaining drilling/production permits for Powder River well #1
- Change Region C strategy for well production within AMWA from alternative to recommended
- Add automated level recorders in test wells
- Powder River Ranch #1 bore pilot hole should extend into the lower Wilcox for testing
- First PRR well should be a 14" straight wall well, into the middle Wilcox, refurbishing the current test well into a monitoring well. This well at maximum efficiency should draw 1,000 gallons per minute
- Second PRR well could be a well into the lower Wilcox, and not interfere with the wells drilled into the middle Wilcox

**DISCUSS REQUEST FOR PROPOSAL RESPONSES FOR DEPOSITORY SERVICES AND ACT UPON SELECTING A DEPOSITORY BANK**

After reviewing the information provided, a motion was made by Director Chaney, seconded by Director Lunceford, to select Prosperity Bank as the Authority's depository bank for the period of January 1, 2019 through December 31, 2023. This motion carried unanimously.

**BEGIN DISCUSSIONS REGARDING THE 5/10/15 YEAR WATER DEVELOPMENT PLAN FOR THE AUTHORITY**

Executive Director Casey informed the Board that this item will remain on the agenda, each month, as a reminder that the Board of Directors will need to compile a plan.

**EXECUTIVE DIRECTOR REPORT**

Executive Director Casey gave his report as Executive Director.

A motion was made by Director Gatlin, seconded by Director Foster, to adjourn the meeting at 9:05 A.M.

**PASSED AND APPROVED on this 12<sup>th</sup> day of December, 2018.**

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Mike Peek, President

ATTEST:

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Donald A. Foster, Secretary