

**The Water Works Board of the City of Auburn
December 19, 2019 – Regular Meeting
Minutes**

The Water Works Board of the City of Auburn met on December 19, 2019 at 4:00 PM at the Bailey-Alexander Water and Sewer Complex at 1501 West Samford Avenue, Auburn, Alabama.

I. CALL TO ORDER

CITIZEN COMMUNICATIONS

II. ROLL CALL

BOARD MEMBERS PRESENT:

Jeff Clary, Chairman
Butch Brock, Vice Chairman
Brad Wilson, Board Member
Bernard Hill, Board Member

BOARD MEMBERS ABSENT:

Jennifer Chambliss, Secretary

STAFF/VISITORS PRESENT:

Eric Carson, Water Resource Management Director
Tim Johnson, Principal Utility Engineer
Elisabeth Ingram, Utility Engineer
Rick McCarty, Water Plant Manager
Kyle Hildreth, Water Distribution Manager
Marla Smith, Watershed Division Manager
Allison Edge, Finance Director/Treasurer
Erika Sprouse, Assistant Finance Director/Treasurer
Kathy James, Utility Billing Financial Manager
Megan McGowen Crouch, Assistant City Manager
Rick Davidson, Attorney

III. APPROVAL OF MINUTES

Dr. Clary asked for approval of the minutes of the Regular Meeting held on November 21, 2019.
Mr. Wilson made a motion for approval of the Regular Meeting minutes of November 21, 2019.
Dr. Hill seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

IV. OLD BUSINESS

V. NEW BUSINESS

1. Financial Report

Ms. Edge stated that the financial statements presented in the packets were for the month ending November 30, 2019, and 16.6 percent of the year has elapsed. Water sales were at 21.7 percent of budget. Operating revenues were at 21.4 percent of budget and operating expenses were under budget at 13.7 percent. The net income for the month of November was \$448,153. The Access Fee account balance is \$1,492,600 as of November 30, 2019.

2. Issuance of Series 2020 Bonds

Ms. Edge presented a resolution authorizing the issuance of up to \$25,000,000 in water revenue bonds to finance the construction of Well #4 and access pipes, land acquisition, and various other capital improvements and to redeem and retire the Series 2010 Bonds.

Dr. Clary asked for a motion to approve the resolution.
Mr. Brock made a motion to approve the resolution.
Mr. Wilson seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-29

3. Professional Service Agreement - Pinnacle Data Systems, LLC

Ms. Edge presented a resolution authorizing the Chairman to execute a contract with Pinnacle Data Systems, LLC for the monthly printing and mailing of utility bills to Water Board customers.

Dr. Clary asked for a motion to approve the resolution.
Dr. Hill made a motion to approve the resolution.
Mr. Brock seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-30

4. Purchase of 2020 Kenworth T370 Dump Truck

Mr. Carson presented a resolution authorizing the Chairman to approve the purchase of one (1) 2020 Kenworth T370 Dump Truck from Kenworth of Montgomery at a cost of \$99,501.36 to be used by the Water Distribution Division.

Dr. Clary asked for a motion to approve the resolution.
Mr. Wilson made a motion to approve the resolution.
Dr. Hill seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-31

5. Purchase of 2020 Ford F150 Truck

Mr. Carson presented a resolution authorizing the Chairman to approve the purchase of one (1) 2020 Ford F150 extended cab pick-up truck from Stivers Ford Lincoln at a cost of \$30,661 to be used by the Water Plant Maintenance Staff.

Dr. Clary asked for a motion to approve the resolution.
Dr. Hill made a motion to approve the resolution.
Mr. Brock seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-32

6. Purchase of 2020 Ford F250 Truck

Mr. Carson presented a resolution authorizing the Chairman to approve the purchase of one (1) 2020 Ford F250 crew cab 4x4 pick-up truck from Stivers Ford Lincoln at a cost of \$35,053 to be used by the Water Maintenance Division.

Dr. Clary asked for a motion to approve the resolution.
Mr. Brock made a motion to approve the resolution.
Mr. Wilson seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-33

7. Award of ALDOT Water Line Relocation bid (Hwy 147 & Farmville Rd)

Mr. Johnson presented a resolution authorizing the Chairman to execute a contract with Crawford Grading and Pipeline, Inc., in the amount of \$204,489 for the Alabama Department of Transportation (ALDOT) Utility Relocation for the Alabama Highway 147 and Farmville Road Roundabout Project.

Dr. Clary asked for a motion to approve the resolution.
Mr. Wilson made a motion to approve the resolution.
Dr. Hill seconded the motion.
All voted aye; none opposed and Dr. Clary declared the motion approved.

Resolution No. 19-34

VI. STAFF REPORTS

1. Project Status Report

- Water Distribution System Master Plan

Mr. Johnson reported on the Water Distribution System Master Plan stating this project consists of hydraulic modeling and planning of the AWWB water distribution system. The prospect of a new water supply well in south Auburn has necessitated the implementation of this project. The location of the prospective well is in an area of the system that has high water pressure. Preliminary analysis indicates that connecting this well directly into the portion of the water distribution system closest to the site would negatively impact the system by further increasing water pressure in this area. The master plan will determine the most effective way to incorporate a new well source into the system. This project will also include an evaluation in order to determine how to optimize the distribution of water supply from existing sources taking into account anticipated areas of future growth/demand. The consultant used specialized modeling software, Optimatics, which runs hundreds of scenarios to evaluate the system. The hydraulic model results have been completed and staff has reviewed the draft report and delivered comments to the consultant. The consultant is now finalizing the report document.

- Gold Hill Booster Pumping Station HVAC Improvements

Mr. Johnson reported on the Gold Hill Booster Pumping Station HVAC Improvements Project stating this project consists of the installation of new heating, ventilation, and air conditioning equipment at the Gold Hill water booster pumping station along with the replacement of environmentally damaged interior surfaces. This facility is equipped with variable speed motor drives. These types of drives emit heat and are susceptible to overheating resulting in equipment malfunction. These improvements will help maintain a more suitable environment for the drives and reduce interior environmental damage from moisture buildup and less than desirable ventilation. Following the final site meeting held in late July, the consultant has finalized the final design drawings. Staff has started preparing request for quote/bidding documents. Solicitation of quotes and project implementation is expected to follow the bid opening for the West Farmville Water Main Project.

- AL HWY 147 (College St.) and Farmville Road Utility Relocation

Mr. Johnson reported on the AL HWY 147 (College St.) and Farmville Road Utility Relocation project stating that the relocation of these facilities is necessary due to the reconfiguration of the intersection by the Alabama Department of Transportation (ALDOT). Design has been completed and bids were received for the project on December 12, 2019. Staff recommends the award of the construction contract to the low bidder, Crawford Grading and Pipeline, Inc., in the amount of \$204,489 contingent on ALDOT's approval. Upon ALDOT's concurrence and award, which is expected soon, the project will begin construction and last for approximately two months.

- Farmville Road Electric Flow Control Valve Replacement

Mr. Johnson reported on the Farmville Road Electric Flow Control Valve Replacement project stating this project consists of the installation of a new flow control valve near the intersection of East Farmville Road and U.S. Highway 280. The project will replace an existing valve, originally installed in 2000, which regulates flow through the Board's connection with Opelika Utilities on Farmville Road. The new valve will provide system operators with better control of water over a wider range of flows. The replacement valve has been selected and procured. The fittings to accommodate the installation of the new valve has been received and Water Board personnel installed the valve the second week of December 2019. Revere Controls, the Board's SCADA system integrator, was on site and completed testing of the valve and the project is now complete.

- West Farmville Road Water Main Extension – Pepperwood Trail to Miracle Road

Mr. Johnson reported on the West Farmville Road Water Main Extension project stating this project consists of installation of a 12" ductile iron water main along West Farmville Road from North Donahue Drive to Miracle Road (Auburn Lakes Road). This main will serve a new fire station planned near the intersection of Farmville Road and Miracle Road. This main will at some point in the future provide a looped water feed to this area by ultimately connecting to the water main being installed along Miracle Road through the Woodward Oaks development. Minor clearing along the route to facilitate surveying and design for the new main is near completion. The main

will be installed by Water Board personnel. The pipe, valves, fittings, and appurtenances for the project are scheduled to be bid on January 14, 2020. Once the materials are procured and received, construction of the new main will commence. The new main is scheduled to be in service by August 2020.

- Water Supply Well #4 Production Facilities

Mr. Johnson reported on the Water Supply Well #4 Production Facilities project stating that this project consists of the development of a new water supply well in south Auburn. Final design was completed and the bid opening was held on June 6. The low bidder, Schmidt Environmental Construction, Inc., was awarded the construction contract at the June 2019 AWWB meeting. The contractor has mobilized, and initial site/grading and grading is substantially complete. Yard piping and well building foundation construction is underway. The project is anticipated to extend into mid-2020.

- Water Supply Well #4 Transmission Main

Mr. Johnson reported on the Water Supply Well #4 Transmission Main project stating that this project consists of the design and construction of a new large diameter transmission main from Well #4. The easement agreements with affected property owners are nearly finalized. Final permitting with various agencies (ADEM, US Corps of Engineers, etc.) is near completion. The project is currently advertising for bids and mandatory pre-bid meeting for bidding contractors will be held on December 18. The bid opening for the project is scheduled for January 9, 2020. The construction of this project is anticipated to extend into the late summer/early fall of 2020.

- James E. Estes Water Treatment Plant Structural Rehabilitation

Mr. Johnson reported on the James E. Estes Water Treatment Plant Structural Rehabilitation project stating that this project consists of miscellaneous structural rehabilitation of various features at the James E. Estes Water Treatment Plant such as joint repair, masonry wall demolition and repair, and distressed concrete rehabilitation. The design of the project is underway and nearing completion. The project is expected to bid in early 2020 and be complete in the spring of 2020.

- WRM Complex Renovations

Mr. Johnson reported on the WRM Complex Renovations Project stating Phase 1 of this project, Roofing Improvements, was completed in October 2018. Installation of the new security cameras began in January in the warehouse building of the WRM Complex and is now nearing completion. Wiring and additional cameras will be installed in conjunction with phase 2 of the administrative building renovations.

The renovation of the administrative building (phase 2), which consists of ADA improvements, new interior finishes, and audio/visual upgrades began on March 4. The project is now substantially complete. The project contractor is currently addressing punch list items and final project closeout is expected in the coming weeks.

2. Rainfall Data

Mr. Carson presented the rainfall report stating that for the month of December, as of the 18th, we have received 3.2 inches of rain at the lake and 4.42 inches of rain at the plant. For the year to date, we are -3.2 inches below normal at the lake and -10.89 inches below normal at the plant.

3. Lake Level Chart

Mr. Carson presented the lake level chart stating that the lake level is currently at an elevation of 476.6 feet. According to the drought management tool, the lake is in the Optimal Pool Cycle Stage. The current Phase I/II Drought Watch is expected to be lifted next week.

4. Drought Map and Drought Discussion

Mr. Carson presented the drought monitoring maps for November 12, 2019 and December 10, 2019 and stated that the map for Lee County is in the abnormally dry/moderate stage. The national map shows California and Nevada are completely out of the abnormally dry stage, but Washington, Oregon, and parts of Idaho are now in the abnormally dry stage. Texas and the southeast remain in the moderate drought stage.

5. Statistical Usage and Revenue Analysis Recap

Mr. Carson reported on the Statistical Usage and Revenue Analysis Recap. Average water demand for the month of November 2019 was 6.5 million gallons per day (mgd), which includes water produced and water purchased from Opelika Utilities. Water produced from the water plant was approximately 2.6 mgd and water produced from the well was approximately 1.3 mgd. An average of 2.8 mgd was purchased from Opelika Utilities.

VII. OTHER BUSINESS

1. Next Regular Meeting

The next regular meeting will be January 23, 2019 at 4:00 PM at the Bailey-Alexander Water and Sewer Complex at 1501 West Samford Avenue, Auburn, Alabama.

VIII. ADJOURNMENT

There being no further business, Dr. Clary declared the December 19, 2019 meeting adjourned at 4:26 PM.



Dr. Jeff Clary, Chairman

ATTEST: 

Ms. Jennifer Chambliss, Secretary