

CLAYTON COUNTY WATER AUTHORITY  
Regular Board Meeting  
June 1, 2023

MINUTES

Present at the meeting were: Board Chairman Dr. Cephus Jackson, Board Vice Chair Marie Barber (absent for Item I), Board Secretary/Treasurer P. Michael Thomas, Board Member John Chafin, Board Member Rodney Givens, Board Member Robin Malone, Board Member Emma Godbee, Chief Executive Officer H. Bernard Franks, Chief Administrative Officer Teresa Worley, Legal Counsel Winston Denmark, Executive Coordinator Rhonda Maxwell, and other Clayton County Water Authority ("CCWA") staff and visitors. Absent: Chief Operating Officer Keisha Thorpe.

**Invocation**

Chairman Dr. Cephus Jackson introduced Chief Executive Officer H. Bernard Franks to perform the invocation.

**Adoption of Agenda**

UPON MOTION by Board Secretary / Treasurer P. Michael Thomas, and second by Board Member Rodney Givens, it was unanimously

RESOLVED to approve the Agenda as presented.

**Approval of Minutes**

Board Chairman Dr. Cephus Jackson called for the approval of, or any proposed revisions to, the Minutes of the Regular Board Meeting held on May 4, 2023.

UPON MOTION by Board Member Emma Godbee, and second by Board Member Robin Malone, it was unanimously

RESOLVED to approve the Minutes from the Regular Board Meeting held on May 4, 2023, as presented.

**Financial and Statistical Reports**

Chief Financial Officer Allison Halron reviewed the financial information distributed to the Board for the period ending April 30, 2023. Information only, no action taken.

**Recognitions**

Director of Communications and Community Relations Suzanne Brown presented the Model Water Tower Competition Winners. Information only. No action taken.

Director of Communications and Community Relations Suzanne Brown presented the Georgia Association of Water Professionals (GAWP) Spring Conference Awards. Information only. No action taken.

Chief Human Resources Officer Anquilla Henderson presented the Water Professionals Excellence Award. Information only. No action taken.

Matt Simmons, Advisory Member of the Board of Directors of the Georgia Public Risk Management Association (PRIMA), presented the 2023 PRIMA Risk Management Program of the Year Award to the CCWA risk management team. Information only. No action taken.

### **New Business**

#### **Jonesboro Tank Painting RFB Recommendation**

Water Production Director Coty McDaniel presented the Request for Bid Recommendation for the Jonesboro Tank Painting.

#### **Project Summary:**

The Jonesboro Repump Station storage tanks need re-coating and conditioning. This project will not focus on the interior of the tanks but just the exterior. The paint has begun to fade, chip, and crack on these tanks.

The work to be performed under the contract generally includes:

- Pressure wash the exterior of both tanks
- Coat both tanks with Tnemec paint
- Add CCWA logo to one tank
- Add the “Clayton Reads” logo to the other tank

#### **Bid Summary:**

- Legal Advertising in local paper for 3 weeks –April 5th- April 26<sup>th</sup>
- SLBE Bid Discount of 10% was offered for Clayton County and 7.5% for outside of Clayton County
- Non-mandatory pre-bid meeting – April 20<sup>th</sup>.
- Bid opening – May 2<sup>nd</sup>
- Four bids were received

	All American Markets, Inc (MOPAC)	CROM Coating and Restoration	Southeastern Tank & Tower, Inc	<b>Five12 Painting &amp; Remodeling LLC</b>
Bid Amount	\$296,200	\$276,900	\$197,000	<b>\$146,693</b>
SLBE Discount	\$ 22,215 (7.5%)	0	0	<b>0</b>
Total Bid Amount	\$273,985	\$276,900	\$197,000	<b>\$146,693</b>

**Recommendation:**

CCWA staff recommends awarding the bid to Five12 Painting & Remodeling LLC in the amount of \$146,693.00. The funds for this project were allocated in the Jonesboro Repump Station 2023-2024 operational budget, authorizing the Chief Executive Officer to sign all contract-related documents within this bid, contingent upon the Bidders meeting risk management requirements and bonds.

UPON MOTION by Board Member John Chafin, second by Board Member Emma Godbee, it was unanimously

RESOLVED to award the Jonesboro Tank Painting to Five12 Painting & Remodeling LLC, in the amount of \$146,693.00.

**WP Submersible Pump Replacements Recommendation**

Water Production Director Coty McDaniel presented the Submersible Pump Replacement Recommendation for the Terry R. Hicks Water Treatment Plant and for the J.W. Smith Water Treatment Plant.

Pumps are one of the major components used in the processing of all water within Clayton County Water Authority (CCWA). All submersible pumps used at CCWA are Xylem (Flygt) pumps and range in size from 20 horsepower (HP) up to 500 horsepower (HP). The J.W. Smith Water Treatment Plant is our second largest water treatment plant and is permitted to withdraw up to 40 MGD from the Flint River. These pumps are used to pump water from the Flint River to the Smith Reservoir which supplements the Smith Reservoir especially in times of droughts. Two of the four pumps failed last year and were replaced.

Plans have been made to replace the two remaining pumps this year. These pumps were installed in 1996.

The Terry R. Hicks Water Treatment Plant, which is the smallest water treatment plant at CCWA needs to replace one of its Smith raw water pumps. The pump is used to pump water from the J.W. Smith Reservoir up to the Terry R. Hicks Water Treatment Plant. This pump was installed in 1999 and has been rebuilt a couple of times over the years. Xylem Water Solutions USA, Inc., Flygt Products is our Sole Source vendor for these pumps due to uniformity with current pumps, quality of product & service, as well as engineering of existing pumps based on original design that are specific to our application. The cost of these pumps is listed below:

Facility	Pumps	Cost
Terry R. Hicks Smith Raw Pump	280 HP	\$128,458.00
J.W. Smith Large River Pump	150 HP	\$ 237,358.10
J.W. Smith Small River Pump	70 HP	\$ 79,056.10

#### Recommendation:

CCWA staff recommends due to uniformity, quality, relationship, and application of the pumps that the Board authorize the purchase of one 280HP raw water pump for the Terry R. Hicks Water Treatment Plant in the amount of \$128,458.00, one 150HP raw water pump for the J.W. Smith Water Treatment Plant in the amount of \$225,631.10, and one 70HP raw water pump for the J.W. Smith Water Treatment Plant in the amount of \$66,462.60 through Xylem Water Solution USA, Inc., Flygt Products

UPON MOTION by Board Vice Chair Marie Barber, second by Board Secretary / Treasurer P. Michael Thomas, it was unanimously

RESOLVED to award the purchase of one 280HP raw water pump for the Terry R. Hicks Water Treatment Plant in the amount of \$128,458.00, one 150HP raw water pump for the J.W. Smith Water Treatment Plant in the amount of \$225,631.10, and one 70HP raw water pump for the J.W. Smith Water Treatment Plant in the amount of \$66,462.60 through Xylem Water Solution USA, Inc., Flygt Products.

#### **Distribution System Hydraulic Model Task Order Recommendation**

Engineering Director Kelly Taylor presented the Task Order Recommendation for the Distribution System Hydraulic Model.

Beginning in 2000, CCWA authorized development of a calibrated Water Distribution Model to aid in understanding system deficiencies and the necessary capital improvements needed to address those deficiencies. Based upon EPA rulings targeting improved water

quality, CCWA staff recognized the need to update the model in 2005 with full field calibration and develop an extended period simulation (EPS) model. Additional model updates were made in 2010 and 2015 including an update to demand projections and near- and long-term improvement recommendations. Over time, several operational changes have been made to the distribution system including taking several elevated storage tanks out of service and making pumping improvements at the Morrow Repump Station. Additionally, CCWA would like to evaluate our existing and potential future interconnections with neighboring water distribution systems. The following scope of services will provide CCWA with a fully updated and calibrated model as well as an understanding of potential interconnections to buy or sell water:

**Task 1 – Interconnections Support:** CCWA wants to identify existing and potential interconnection locations that may improve the resiliency of our water system in case of a water outage. The model will add interconnection piping and incorporate neighboring systems' anticipated pressures and system capacities to estimate what can be supplied. Based on that, the Engineer will identify the feasibility and capacity of these potential interconnections. Multiple simulations will be run to evaluate the impact of how each interconnection may support CCWA's operations during an emergency condition. Depending on the outcomes of these activities, meetings with CCWA and neighboring water systems will be held to review preliminary results and obtain feedback.

**Task 2 – Hydraulic Model Update:** The Engineer will update the pipe network by importing the most recent GIS data into the modeling software. Consumption data and SCADA records will be utilized to understand demand patterns and normal system operation. Field testing (hydraulic grade line and fire flows) will be completed to understand flows and pressures at major facilities and will assess the strength or weakness of the system in specific areas. Data collected from these field tasks allow for the model to be calibrated to accurately reflect how CCWA's system operates.

**Task 3 – Water System Evaluation:** The calibrated model will be used to develop a baseline model to incorporate ongoing and near-term planned improvements, as well as understand areas of high and low pressures and water age, for the current year demands. Based on that, recommendations will be made to identify potential system improvements or operational changes that can improve any deficiencies as well as water age. The model will then be used to identify system deficiencies in future years based on growth and flow projections from the Metropolitan North Georgia Water Planning District. Proposed system improvements will be identified to address those deficiencies for each future condition (2030, 2040, and 2050) which may include: water plant outages, repump station outages, major pipe breaks, and other scenarios as identified by the project team. The recommended projects will be included in a capital projects list with planning level costs

and priority. A final Water System Evaluation Report will document the development of the model, existing deficiencies, model results for future conditions, and the proposed system improvements.

**Recommendation:**

CCWA staff requests approval of the 2023 Distribution System Hydraulic Model Task Order to Hazen and Sawyer in an amount to not exceed \$424,500.00, authorizing the Chief Executive Officer to sign the Task Order.

UPON MOTION by Board Member Robin Malone, second by Board Member John Chafin, it was unanimously

RESOLVED to award the 2023 Water Distribution System Hydraulic Model Task Order in the amount of \$424,500.00 to Hazen and Sawyer.

**Judy Lane Wetland and Tributary Enhancement**

Stormwater Director Kevin Osbey presented the Task Order Recommendation for the Judy Lane Wetland and Tributary Enhancement.

Residents of Ashland Estates Subdivision, located in the northwest portion of Clayton County, have seen increased property flooding since 2009. This flooding has apparently been brought on by nearby development that has impacted a nearby creek that backs up to homes located on Allen Court and flows across the end of Judy Lane. The recent flooding event that occurred on August 30, 2020, brought the CCWA team back to this neighborhood, along with other members of Clayton County Government.

To address the flooding impacts, caused by one of the smaller tributaries in the area, CCWA requested a pointed conceptual design/analysis be performed on Camp Creek Tributary 5C. There appeared to be an opportunity to perform some wetlands and tributary enhancements that could improve stream flow patterns and minimize property flooding for at least five residents. River To Tap (R2T) performed that conceptual design. Based on their early concept, R2T anticipated the construction would cost roughly \$600,000.

Through a Community Development Block Grant, Clayton County's Emergency Management Services staff stated that they would be willing to provide up to \$435,000, in grant funds, to assist in a solution for improving the flooding issue caused by Camp Creek Tributary 5C.

The scope of services includes:

- Task 1 – Boundary Survey and Tree Inventory
- Task 2 – Hydrologic and Hydraulic Stormwater Analysis
- Task 3 – Preliminary Engineering (30% Design)

- Task 4 – Detailed Design
- Task 5 – Permitting
- Task 6 – Bidding Support

Project Managers:

- Rivers To Tap (R2T) – Altarral Hagen
- Clayton County Water Authority – Kevin Osbey

Task Order Amount: \$257,128

Recommendation:

CCWA staff recommends awarding the Judy Lane Wetland and Tributary Enhancement Task Order to Rivers to Tap (R2T) in the amount of \$257,128.00.

UPON MOTION by Board Vice Chair Marie Barber, second by Board Member Rodney Givens, it was unanimously

RESOLVED to award the Judy Lane Wetland and Tributary Enhancement Task Order to Rivers to Tap (R2T) in the amount of \$257,128.00.

**Updates from the Board Members and Chief Executive Officer**

**Chief Human Resources Officer Anquilla Henderson shared details about CCWA's Employee Appreciation Week.** Information only. No action taken.

**Customer Accounts Director Rodney Perkins presented an update on unpaid water billing regarding Tara Woods Apartments (Red Apple Investments, LLC).** Information only. No action taken.

**Resiliency Manager Walter Barber presented an update regarding a security incident which occurred at or around the grounds of the J.W. Smith Water Treatment Plant on May 27, 2023.** Information only. No action taken.

**Board Member Emma Godbee presented an update on the “Procurement Policy and Procedures” Committee Meeting held on May 24, 2023.** Information only. No action taken.

**Chairman Dr. Cephus Jackson presented a recommendation to the Board to attend an annual one-day training hosted by the Carl Vincent Institute to consist of the following: Roles and Responsibilities, Ethics, Diversity, Sensitivity, and Communication.**

Without objection, Chairman Dr. Cephus Jackson requested for Chief Human Resources Officer Anquilla Henderson to coordinate available dates in July 2023 to schedule such a one-day training for the CCWA Board. Information only. No action taken.

**Adjourn**

UPON MOTION by Board Member Rodney Givens, and second by Board Secretary / Treasurer P. Michael Thomas, it was unanimously

RESOLVED to adjourn the Board Meeting at 3:41 p.m., there being no further business to come before the Board of Directors.



Dr. Cephus Jackson, Chairman



P. Michael Thomas, Secretary/Treasurer