

CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting

Present at the meeting were: Chairman Robin Malone, Vice Chairman Marie Barber, Secretary/Treasurer Rodney Givens, Board Member John Chafin, Board Member Dr. Cephus Jackson, Board Member Emma Godbee, General Manager H. Bernard Franks, Assistant General Manager Teresa Worley, Assistant General Manager Keisha Thorpe, Legal Counsel Steven Fincher, Executive Coordinator Rhonda Maxwell and other CCWA staff and visitors.

Invocation

Chairman Robin Malone introduced Senior Engineering Technician Michael Shinn to perform the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber it was unanimously RESOLVED to adopt the agenda as presented.

Approval of Minutes

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, it was unanimously RESOLVED to approve the amended Minutes of the Regular Board Meeting held on October 7, 2021 to change the HVAC (Various) bid amount as presented. Change in the amount had no effect on the results of the procurement.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending September 30, 2021. Information only, no action taken.

New Business

NE Rotary Drum Thickener Recommendation: Water Reclamation Director Kendra Staniel presented a recommendation to rebuild the Rotary Drum Thickener.

Northeast WRF is our second largest Wastewater Facility permitted to treat up to 10 MG. The ability to treat that amount relies heavily on the ability to handle that amount of raw water through pumping but also the sludge that accumulates from processing. The facility needs repairing of the Rotary Drum Thickener #1. The rotary drum thickener increases the sludge solid concentration (thickens it) by agitating the solids in a slowly rotating vessels with porous walls, through which the water drains. The rotary drum thickeners were placed into service in 2007. Recently, our Rotary Drum Thickener #1 quit performing and we

currently are only able to use Rotary Drum Thickener #2, which reduces our ability for redundancy/reliability and puts us at a greater risk of receiving violations if this current RDT becomes inoperable as well.

Due to the critical need of this equipment and the three-month lead time from purchase authorization with the vendor, a traditional bid was not a viable option to obtain this equipment. We reached out to vendors inquiring the replacement cost of this unit and received the following quotes:

Vendor	Quote Amount
Andritz Separation	\$ 258,000.00
FKC Company, LTD	\$ 230,000.00
Parkson Corporation	\$170,000.00

After further investigating the replacement and being concern with the lead time for the new equipment, we inquired about rebuilding or retrofitting the current unit from each of the vendors to save on time. The only vendor that could rebuild the unit was Parkson Corporation at a cost of \$90,533.00 which includes original equipment manufacturer (OEM) parts, engineering, labor/field work as well as freight chargers. See itemized chart below:

Itemized List	Itemized Pricing
OEM Certified Parts	\$73,333.00
Engineering	\$2,250.00
Labor/Field Work- 1 Certified Crew	\$10,700.00
Freight	\$4,250.00
Total Cost	\$90,533.00

Recommendation:

CCWA Staff recommends awarding the rebuilding of Rotary Drum Thickener #1 to Parkson Corporation in the amount of \$90,533.00. This award is contingent upon the vendor meeting risk management requirements and executing the contract, as well as the Board authorizing the General Manager to sign the contract.

UPON MOTION by Dr. Cephus Jackson and second by John Chafin, it was unanimously

RESOLVED to award the rebuilding of the Rotary Drum Thickener#1 to Parkson Corporation in the amount of \$90,533.00. This award is contingent upon the vendor meeting risk management requirements and executing the contract, as well as the Board authorizing the General Manager to sign the contract.

Chemical Storage Evaluation, Design, and Bid Services Task Order

Recommendation: Water Production Director Coty McDaniel presented a recommendation for upgrades needed for Water Production Plants Chemical Feed System Storage Replacement.

Clayton County Water Authority owns and operates three water production plants (WPPs): the W.J. Hooper WPP (20 MGD), Terry R. Hicks WPP (10 MGD), and the J.W. Smith WPP (12 MGD). Each of the three plants utilize conventional and advanced surface water treatment processes utilizing a variety of chemicals to assist in producing high quality drinking water. The Hooper, Hicks, and Smith WPPs have had their chemical systems partially upgraded in the years since their initial construction, with the most recent major upgrades occurring in 2006, 2010, and 2007 respectively with most components retained in their original condition.

Due to the age of the chemical storage systems and associated components at each of the three WPPs, the 2020 Strategic Master Plan (SMP) included a project to evaluate and improve the bulk chemical storage systems at all three WPPs. CCWA is requesting River to Tap's (R2T's) support with conducting chemical system evaluations for the Terry R. Hicks and J.W. Smith WPPs, developing a detailed design package for the construction of bulk chemical tank replacements, and ancillary chemical feed facility renewal at the W.J. Hooper WPP. The proposed scope of work includes:

- **Task 1- Chemical Systems Evaluation (Terry R. Hicks and J.W. Smith WPP)**
 - Site Investigation and condition assessments
 - Meetings with CCWA staff
 - Data Analysis and Review
 - Develop Recommended Improvements and Alternatives
 - Cost Estimates
 - Develop Technical Memorandum
- **Task 2- Preliminary Engineering (W.J. Hooper)**
 - Laser Scanning
 - Evaluation and Design Criteria
 - Cost Estimate
 - Project Schedule
 - Regulatory Coordination
- **Task 3- Detailed Design Services (W.J. Hooper WPP)**
 - Contract Documents (60, 90, and 100% bid documents for construction)
 - Update overall project cost
 - Issue drawings and specs
 - Develop and incorporate special inspections program
 - Constructability reviews
 - Progress meetings
- **Task 4- Bidding Phase Services (W.J. Hooper WPP)**

- Prepare an Advertisement for the Bidding of the Project
- Plan and Lead Pre-Bid Meeting
- Schedule and Lead Site Pre-Bid Site Visits
- Issue Responses Via Addenda, as Needed, To Inquiries During Advertisement Period
- Attend Bid Opening and Prepare and Submit a Recommendation of Award

The cost of the scope of work is summarized below.

Task	Name	Cost
Task 1	Chemical System Evaluation	\$51,580
Task 2	Preliminary Engineering	\$35,270
Task 3	Detailed Design Services	\$149,060
Task 4	Bidding Phase Services	\$32,710
Total		\$268,620

Recommendation:

CCWA staff recommends awarding Task Order RT-RE-21-09 to an SLBE River2Tap, Inc. (R2T) in the amount not to exceed \$268,620, authorizing the General Manager to sign the contract.

UPON MOTION by John Chafin and second by Rodney Givens, it was unanimously

RESOLVED to award Task Order RT-RE-21-09 to an SLBE River2Tap, Inc. (R2T) in the amount not to exceed \$268,620, authorizing the General Manager to execute the Task Order.

Shamrock CUB Rental Agreement Recommendation: Water Production Director Coty McDaniel presented a recommendation for the Shamrock CUB current operations and rates.

The Shamrock Community Use Building (CUB) is nestled in the woods between Blalock Reservoir and Shamrock Lake. This CUB is designed to accommodate 200 people for special events that have ranged from wedding receptions to professional conferences.

The design of the facility makes its community use versatile and ideal, as the CUB features a finished basement and loft area that overlooks the great room, as well as wrap-around decks with two covered porches that offer picturesque views of the surrounding reservoirs.

The Shamrock Community Use Building's great room is easily adapted to almost any type of function with a commercial grade kitchen and restrooms conveniently located at one end.



Current Operations and Rates

Starting in 1991, the Shamrock CUB has been rented out daily. In the past year, there has been a significant increase of rentals at the Shamrock CUB due to better advertising and other rental facilities shutting down as a result of the COVID-19 Pandemic. Currently, Shamrock CUB is booked up every weekend until April 2022. The current daily rental rate consists of:

- Rental Fee: \$700.00
- Compliance deposit: \$400.00: *refunded after event if no issues with rental.*
- Payment due at rental: \$1,100.00

Proposed rental package (Weekend Package Rental)

- Rental Fee: \$1,600
- Compliance deposit: \$600.00: *refunded after event if no issues with rental.*
- Payment due at rental: \$2,200.00

Access days/times:

1. Friday set up: 12:00 noon until 11:00pm
2. Saturday event day: 8:00am-11:00PM
3. Sunday takedown and clean up: 8:00am -6:00PM

Recommendation:

CCWA staff recommends approval for the Weekend Rental Package to be added to the Shamrock CUB rental agreement starting January 1, 2022.

UPON MOTION by Marie Barber and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to approve the Weekend Rental Package to be added to the Shamrock CUB rental agreement starting January 1, 2022.

2021 Stormwater Funds Transfer Request: Stormwater Program Director Kevin Osbey presented a recommendation to transfer Stormwater prior year funds.

As part of the Stormwater Utility 2021-22 Annual Capital Project Budget of \$3,573,864, \$3,073,864 was dedicated for replacing/renewing existing stormwater Infrastructure. Of this funding, \$1,573,864 was dedicated to activities involving the actual removal and replacement of pipe and other structures. The remaining \$1,500,000 was dedicated to trenchless technology methods such as cured in place pipe (CIPP).

During the first 6 months of the fiscal year, May 2021 through October 2021, thirty-six (36) Remove & Replace (R&R) jobs have been assigned to CCWA's construction contractors along with nine (9) internal jobs being performed by CCWA staff. At present, 18 CIPP jobs have been assigned to CCWA's CIPP Companies.

During this period, \$2.2M has been allocated for the 63 jobs discussed above. Most jobs performed are the results of complaints from the public. Several jobs are the results of the aggressive inspection program performed by our internal staff. No increase is requested for the Cured-In-Place Pipe project budget. That work is trending favorably during the first 6 months of this fiscal year. This adjustment will increase the overall annual capital project budget to \$4,573,864.

Project Line	Description	Original Budget	Funding Increase	Adjusted Budget
SW-004	SW Cured In Place Piping	\$1,500,000	\$0.00	\$1,500,000
SW-005	SW Remove & Replace	\$1,573,864	\$1,000,000	\$2,573,864
SW-010	Watershed Improvements	\$ 500,000	\$0.00	\$ 500,000

Stormwater Utility Fund Estimation of Cash Available For Future Use	
Unobligated Cash Balance (5/1/21):	\$2,364,366
Transfer to SW-005 (Remove/Replace):	(\$1,000,000)
Transfer to BU 210 Operating Budget:	(\$ 450,000)
Reserves – Mitigation Bank Revenues:	(\$ 549,109)
Remaining Unobligated Cash Balance :	\$ 365,257

In addition to the Capital Projects request, staff has identified a larger scaled maintenance project which involves extensive cleaning of a roadway culvert. Staff is proposing to use one of CCWA's on-call construction firms (under the General Pipe Work annual contract) to perform this cleaning. Staff has engaged with Jewel of the South to assist with this maintenance.

Recommendation:

CCWA staff recommends a transfer from the remaining "Unrestricted" Cash Balance to Outside Services in the amount of \$450,000 to perform the needed maintenance.

UPON MOTION by Rodney Givens and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to approve a \$450,000 transfer from the remaining "Unrestricted" Cash Balance to Outside Services to perform needed maintenance.

Pipe Purchase Recommendation: Engineering Director Kelly Taylor presented a recommendation for the procurement of pipe materials.

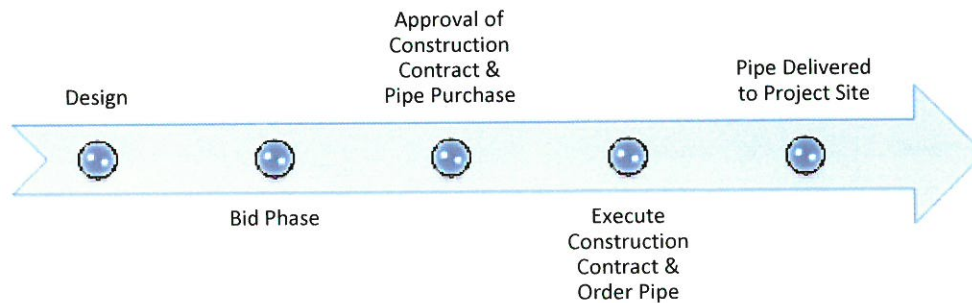
CCWA has three upcoming sewer replacement projects that require procurement of pipe materials that are not part of our warehouse inventory. CCWA typically purchases most of the pipe materials for these projects, as it saves CCWA money on sales tax and contractor mark-ups.

Two of the projects are part of our outfall replacement program and are GEFA funded projects; these projects address both condition and capacity issues. The third project, Rock Cut Road, addresses capacity issues. These projects are all scheduled to begin in Spring 2022.

For the two GEFA funded projects, CCWA will issue Request for Bids to select a contractor. Our typical process is to bring the Construction Contractor Bid Recommendation and a Pipe Purchase Recommendation to the Board of Directors at the

same time. In the past, this has provided sufficient time to issue purchase orders for the materials and schedule the delivery of those materials to align with the start of construction.

Exhibit 1 – Traditional Timeline



However, we are currently experiencing severe supply chain impacts which is causing pipe orders to have a four-to-five-month lead time. Considering the project schedules, this requires us to gain approval for these pipe purchases five months prior to when the projects will be awarded. CCWA staff considered several options to acquire the required pipe.

Exhibit 2 summarizes information on the three projects, including the size and quantities of pipe needed.

Exhibit 2 – Summary of Projects for Pipe Purchase

Project	Procurement	Funding	24" Pipe (feet)	30" FRP Pipe (feet)	36" FRP Pipe (feet)	Proposed Award
Flint River Outfall Phase 4	Request Bid for	GEFA Funded	7,140	4,520	---	April 2022
Jesters Creek East Phase 2	Request Bid for	GEFA Funded	4,928	---	5,520	March 2022
Rock Cut Road	Annual Services	RE166	2,608	---	---	March 2022
Totals			14,676	4,520	5,520	

30 and 36-inch pipe

Fiberglass Reinforced Polymer Mortar (FRPM) pipe has been used for multiple previous sewer outfall replacement projects for all pipes greater than 24-inches. We would like to

continue to utilize FRPM pipe for this and future large pipe replacement projects as it is inherently corrosion resistant due to the materials used to make the pipe. Competition for FRPM pipe is limited to a centrifugally cast manufacturing process (HOBAS Pipe USA) and a continuous wound manufacturing process (Thompson Pipe Group (TPG) Pressure, Inc.). A written quote request is expected from both manufacturers by November 1st.

24-inch pipe

Due to the supply chain issues and the fact that FRPM pipe has become more price competitive at this pipe size, CCWA is considering two different pipe materials for the 24-inch pipe purchase.

- For PVC pipe, we evaluated three different procurement methods. PVC pipe is not available via State Contract. Staff is engaged in a quote process with a Purchasing Co-op; however, the Co-op is having a difficult time getting a response from suppliers of this pipe. CCWA will present the quote from the Purchasing Co-op at the November 4th Board Meeting, should one be provided. CCWA staff also sent out a written quote request to three suppliers of PVC pipe. We received one response, which required a purchase order to be issued by October 28th to hold that price point. PVC manufacturers are requiring immediate delivery, which creates several other storage and delivery issues that will need to be overcome.
- For FRPM pipe, a written quote request is expected from both manufacturers by November 1st.

FRPMP	Estimated Quantity (feet)	Thompson Unit Price (\$/foot)	Thompson Pipe Group	HOBAS Unit Price (\$/foot)	HOBAS Extended Price
1: 36-inch FRPMP	5,520	Did not respond		\$135	\$745,200
2: 30-inch FRPMP	4,520	Did not respond		\$106	\$479,120
Total for Item 1 and 2					\$1,224,320
3: 24-inch FRPMP	14,680	Did not respond		\$76	\$1,115,680
Total for Item 3					\$1,115,680
Grand Total					\$2,340,000

Recommendation:

CCWA staff recommends purchasing 24-inch, 30-inch, and 36-inch FRPM pipe from HOBAS, based on unit prices for the estimated value of \$2,340,000. Approval includes the issuance of a purchase order(s) to the respective vendors as needed to secure the pipe.

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, it was unanimously

RESOLVED to purchase 24-inch, 30-inch, and 36-inch FRPM pipe from HOBAS, based on unit prices for the estimated value of \$2,340,000. Approval includes the issuance of a purchase order(s) to the respective vendors as needed to secure the pipe.

Executive Session

UPON MOTION by Marie Barber and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to enter an Executive Session to discuss legal and personnel matters.

UPON MOTION by Rodney Givens and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to exit Executive Session and return to open session.

Updates from the Board Members and General Manager

Customer Accounts Director Rodney Perkins presented a Multi – Family Collections update. Information only, no action taken.

Stormwater Program Director presented a recommendation to move forward with tabled discussion from October 7, 2021 Board Meeting, to award Task Order JA-SW-21 to Jacobs Engineering for the Storm Drain Rehab Design and Bid for Tara Boulevard not to exceed \$227,445. In favor: Robin Malone, Marie Barber, Dr. Cephus Jackson, John Chafin, Emma Godbee. Abstain: Rodney Givens. Motion passes.

Finance Director Allison Halron presented an update on the Sterling Capital Management transition. Information only, no action taken.

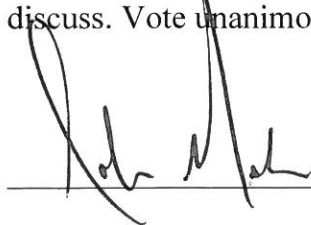
Chairman Robin Malone presented a recommendation to discontinue our month-to-month relationship with Georgia Public Affairs. In favor: Robin Malone, Rodney Givens, Marie Barber, Dr. Cephus Jackson, Emma Godbee. Abstain: John Chafin. Motion passes.

General Manager H. Bernard Franks presented a recommendation for upcoming pre-board holiday schedule. Information only, no action taken.

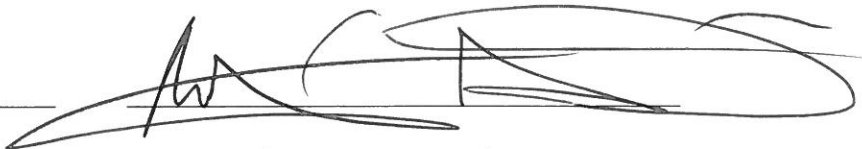
Adjourn

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber it was unanimously

RESOLVED to adjourn the Board Meeting at 4:26 p.m. there being no further business to discuss. Vote unanimous.

A handwritten signature in black ink, appearing to read 'Robin Malone', written over a horizontal line.

Robin Malone, Chairman

A large, stylized handwritten signature in black ink, written over a horizontal line.

Rodney Givens, Secretary/Treasurer

