CLAYTON COUNTY WATER AUTHORITY Regular Board Meeting Zoom Meeting

Present at the meeting were: Chairman Robin Malone, Vice Chair Marie Barber, Secretary/Treasurer Rodney Givens, Board Member Mike Thomas, 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 Winston Denmark, Executive Coordinator Rhonda Maxwell and other CCWA staff and visitors.

Invocation

Robin Malone introduced Senior Accounts Receivable Analyst Timothy Allen to perform the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Mike Thomas it was unanimously

RESOLVED to amend the agenda to remove Farewell to Steve Fincher as Item A under Recognition.

UPON MOTION by Dr. Cephus Jackson and second by Mike Thomas it was unanimously

RESOLVED adopt the amended agenda to remove Farewell to Steve Fincher as Item A under Recognition.

Approval of Minutes

Chairman Robin Malone called for any omissions or additions to the Minutes of the Regular Board Meeting held on January 6, 2022.

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

RESOLVED to approve the Minutes of the Regular Board Meeting held on January 6, 2022.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending December 31, 2021. Information only, no action taken.

Recognition

CCWA General Manager H. Bernard Franks re-introduced Lamar Hamlin the new Director of the Distribution and Conveyance Department. Lamar is an experienced professional in the water utility industry with a history of exceptional service in water treatment, water distribution, wastewater collection operations and management. Information only, no action taken.

New Business

<u>Jesters Creek East Outfall Replacement – Ph 2 Bid Recommendation:</u> Engineering Director Kelly Taylor presented a recommendation for the Jesters Creek East Outfall pipeline replacement.

The total estimated project costs for Phase 2 of the Jesters Creek East Outfall Replacement (10,610 feet), including the construction contract, CCWA purchased pipe, CCWA provided services during construction, supplementary services during design and construction, and easement acquisition services is estimated to be \$9,821,783. A breakdown of all the various project components, through planning, design, and construction is provided below.

Project Component	Budget Estimate	
Board of Directors Request:		
Construction Contract by RFB	\$7,750,000	
FRPM Pipe by RFQ (Approved at November 2021 BOD Meeting)	\$1,120,640	
Other Project Components (by multiple and various procurement methods):		
CCWA Labor and Equipment	\$486,333	
Easements (41)	\$8,000	
Outside Services (Engineering Phase)	\$88,150	
Outside Services (Construction Phase)	\$163,000	
Other Pipe and Materials	\$205,660	
Subtotal	\$951,143	
Total Budget Estimate	\$9,821,783	

This recommendation is to move forward with the pipeline replacement project, which requires approval of the construction contract. Other project components, summarized above for multiple goods and/or services, will be procured and paid for in alignment with CCWA procurement policy which will include a variety of procurement methods including warehouse inventory issues, quotes, existing annual contracts and in some cases, like the easement acquisitions, by negotiation. It is not anticipated that any of the other project components will require board approval per our CCWA procurement policy. This project will be funded from the Georgia Environmental Finance Authority (GEFA) that was executed in June 2020.

On January 9, 2022, CCWA opened bids for the Jesters Creek East Phase 2. The request for bids was advertised for four weeks and one hundred and one contractors were notified, twenty-five of which were classified as one or many of the following categories: WBE, DBE, or SLBE. Eight contractors, sub-contractors and suppliers attended a non-mandatory pre-bid conference on January 6th where our staff explained the RFB requirements including the GEFA loan requirements as well as work and methods involved in this work. To comply with GEFA requirements, this RFB included a 4% WBE and 4% MBE contract goal and due to this, no SLBE requirements were placed on this bid.

Bids received are summarized below:

Bids Received	Total Bid Amount	
United Grading & Excavating	\$7,750,000.00	
JDS, Inc.	\$8,027,391.23	
Ruby Collins, Inc.	\$8,762,490.35	
Cleary Construction, Inc.	\$9,756,129.65	

A total of four bids were received at the bid opening. A bid review was performed that included reference checks. CCWA staff are coordinating with GEFA on compliance of the bid packets with the GEFA loan requirements. The response from GEFA may alter the final recommendation.

Recommendation:

CCWA staff recommends awarding construction contract to United Consolidated Group Inc. dba United Grading & Excavating based on the Total Bid Amount of \$7,750,000.00

This award is contingent upon the successful bidder meeting bonds requirements, risk management requirements and executing the contract as well as the Board authorizing the General Manager to sign the contract.

UPON MOTION by Mike Thomas, second by Rodney Givens, it was unanimously

RESOLVED to award construction contract to United Consolidated Group Inc. dba United Grading & Excavating based on the Total Bid Amount of \$7,750,000.00, contingent upon the successful bidder meeting bonds requirements, risk management requirements, and executing the contract as well as the Board authorizing the General Manager to sign the contract.

<u>Household Hazardous Waste (Amnesty) Bid Recommendation:</u> Stormwater Program Director Kevin Osbey presented a recommendation for Household Hazardous Waste Amnesty Day.

Clayton County Water Authority received bids from the companies shown below for Household Hazardous Waste Amnesty Day materials collections for the Stormwater Utility. The purpose of this event is to provide a safe and effective means for the residents of Clayton County to properly dispose of household hazardous items. These items include, but are not limited to, paints, cleaners, pesticides, motor oils, antifreeze, gas & fuels, fertilizers, and cooking oil.

This is a one-day event to be held on Saturday, April 23, 2022. This will be the 15th year that CCWA manages the event and the 14th year taking place at the W.B. Casey Water Reclamation Facility.

Bids for this contract were evaluated based on the 17 waste streams that could be collected. Bidders provided unit pricing for each waste stream. Estimated quantities for each waste stream were provided in the bid package. Bidders were required to include the other charges (mobilization, personnel, and transport) in their unit pricing for each waste stream. A mandatory pre-bid meeting and site visit was conducted on November 18, 2021, and bids were opened on December 14, 2021. Bids were evaluated using submitted unit price items (attached) and typical jobs quantities performed over the previous years.

Clayton County Water Authority

Household Hazardous Waste (Amnesty) Day Final Bid Results

Bid Opening: Tuesday, December 14, 2021 at 3:00 p.m. local time

	MX	MXI Environmental Services, LLC		
Estimated Quantity (LBS)	37.5	NIT PRICE er Pound		EXTENDED AMOUNT
24,000	s	0.40	5	9,600.00
3,100	\$	0.75	\$	2,325.00
40,000	\$	0.30	\$	12,000.0
ers, 200	\$	2.00	\$	400.00
1,800	\$	1.00	\$	1,800.00
8,800	s	1.20	\$	10,550.00
Fluid, 14,100	\$	0.25	\$	3,525.00
3,100	s	1.20	\$	3,720.00
4,000	\$	1.00	5	4,000.00
asoline, 4,200	s	0.40	\$	1,680.00
2,000	\$	1.00	\$	2,000.00
1,000	\$	0.05	\$	30.00
200	s	0.25	s	50.00
1,400	\$	2.50	\$	3,500.00
1,800	\$	1.00	\$	1,800.00
1,100	s	0.40	\$	440.00
300	\$	1.20	\$	360.00
	300	300 \$	300 \$ 1.20	300 \$ 1.20 \$

Vendors	Total Bid Summary
MXI Environmental Services Abingdon, VA	\$57,810.00
Perma-Fix Environmental Services Gainesville, FL	No Bid
Clean Harbors Morrow, GA	No Bid

MXI Environmental Services was the only vendor (of the three firms that attended the mandatory pre-bid meeting) that submitted a bid. Therefore, MXI Environmental Services has been deemed the only responsive responsible bidder based on the unit pricing and will be paid based on actual quantities collected on the day of the event.

Recommendation:

CCWA staff recommends awarding contract to MXI Environmental Services for a period of one year starting April 1, 2022, to properly dispose of household hazardous items.

Staff is also recommending this contract be renewable for a 2nd and/or 3rd year at the same terms and conditions. This award is contingent upon the Bidder meeting risk management requirement and executing the contracts as well as the Board authorizing the General Manager to sign the contracts.

UPON MOTION by John Chafin, second by Marie Barber, it was unanimously

RESOLVED to award contract to MXI Environmental Services for a period of one year starting April 1, 2022, renewable for a 2nd and/or 3rd year at the same terms and conditions, contingent upon the Bidder meeting risk management requirement and executing the contracts. Board authorizes General Manager to sign contracts.

W. J. Hooper WPP Residuals Solids Handling Improvements Construction Change Order and SDC Amendment: Water Production Manager Coty McDaniel presented a recommendation for W.J. Hooper WPP Solids Handling System Improvements.

Clayton County Water Authority had several operational issues with the solids handling system at the W.J. Hooper WPP and in December of 2017, the Board of Directors approved a task order for River to Tap (R2T) to provide design and bidding services for the system improvements. The major improvements generally include:

- Wash Water Holding Basin (WWHB) improvements (dividing pond into two separate units for redundancy, modifying piping and sidewalls, installing a chain and flight system)
- New sludge thickener and modifications to the old thickeners for sludge storage.
- o Modifications to the belt press building and system

• The Board approved Reynolds Construction Company on 06/06/2019, to construct the improvements.

The floor slab of the WWHB serves as a working surface for proper operation of the new chain and flight equipment that will move sludge from one end of the basin to the other. The new equipment requires a level surface to properly operate. During the construction phase of this project, it was determined that the existing WWHB floor slab is not level within the tolerance required for successful equipment operation. R2T developed a solution to pour a thin non-structural topping slab over the existing slab and this worked within the construction budget. However, this slab developed several cracks and given the observed groundwater and soil conditions during construction, the primary concern is these conditions may lead to operational issues and damage of the new equipment in the future. Based on detailed engineering analysis that followed, the recommended path forward is to add a structural concrete slab over the existing slab. The slab will be anchored to rock and will be designed to accommodate uplift groundwater pressure when the basin is dewatered for equipment maintenance.

The description below provides details on the original design, discoveries during construction, a remediation attempt, and the analysis completed to determine the recommended path forward.

CONSTRUCTION CHANGE ORDER DETAILS

Original Design

The new chain and flight equipment that will be installed as part of this project requires a level surface to properly operate. During design phase of this project, R2T was not able to conduct a field evaluation of the existing floor slab, due to operation of the WWHB and sludge accumulation at its floor. R2T assumed that the existing floor slab was level, based on the following:

- Previous systems used for sludge management in the WWHB were anchored to the floor and relied on a level surface.
- Record drawings indicated a level floor and showed a system was in place to relieve groundwater pressure that could otherwise contribute to unlevel conditions.

Based on an understanding that the existing slab was level, it was determined that the most appropriate and cost-effective approach for this project included re-use and modification of the existing WWHB in lieu of a costly rebuild.

Discovery During Construction

During construction, the following discoveries were made:

- The existing ground water relief system was largely inoperable.
- The floor slab had several hundred linear feet of cracks in need of repair.
- The floor slab was uneven and did not meet the flatness and levelness tolerances required of the new chain and flight equipment.

Remediation Attempt

Based on the existing slab discoveries made, R2T consulted with geotechnical professionals and developed a solution intended to address the slab issues within the project budget. The solution included enhancing the groundwater relief system and

adding a "topping slab" on top of the existing slab. These elements would alleviate groundwater pressure, treat existing cracks, and provide a new level surface.

The engineer and contractor tested three bonding agents and moved forward with treating cracks and placing a topping slab using a solution that showed more than adequate tensile strength. However, within a few days, the topping slab had experienced areas of cracking, debonding, and unevenness. A worsening of these elements since placement of the topping slab suggests groundwater pressure conditions that could pose a risk to the equipment in the future. Therefore, R2T has completed additional analysis to propose a new solution.

WWHB Change Order #1 Construction Cost

Description	Cost
Prep/Demo/Dewatering	\$78,000
New Slab	\$200,000
Modify Center Wall	\$45,000
Reinstall Equipment	\$50,000
Restore Site	\$60,000
Equipment, Overhead and GC's	\$420,000
Contractor Fee	\$135,000
Total change order Cost	\$988,000

SDC Amendment #2

Description	Labor	Expenses	Total
Topping slab evaluation - construction management	\$58,138.00	\$41,000.00 (Geotechnical Evaluation)	\$99,138.00
Design alternatives analysis and final design	\$68,885.00	\$0.00	\$68,885.00
Topping slab demo and installation - construction management	\$63,750.00	\$15,000.00 (Special Inspections)	\$78,750.00
Amendment #2 Total Cost			\$246,773.00

Recommendation:

CCWA staff requests approval for the General Manager to execute Change Order #1 to Reynolds Construction Company for an amount not to exceed \$988,000.00.

Staff also request approval for the General Manager to execute Amendment #2 to Task Order RT-RE-19-02 to R2T, Inc. for an amount not to exceed \$246,773.00.

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

RESOLVED to award Change Order #1 to Reynolds Construction Company for an amount not to exceed \$988,000.00 and Amendment #2 to Task Order RT-RE-19-02 to R2T, Inc. for an amount not to exceed \$246,773.00.

Advanced Metering Infrastructure (AMI) Task Order Recommendation: Customer Accounts Director Rodney Perkins presented a recommendation to replace and upgrade from Automatic Meter Reading (AMR) to an Advanced Metering Infrastructure (AMI) system.

CCWA plans to replace and upgrade its water meters from Automatic Meter Reading (AMR), which requires a CCWA staff member to physically drive by the water meter to gather water usage data, to an Advanced Metering Infrastructure (AMI) system which will allow staff to remotely read water meters and collect hourly usage information. The conversion to AMI is expected to have the following benefits:

- Demand management (capital deferral), leak reduction, and timely feedback for conservation
- Reduced apparent losses (improved revenue, greater low flow accuracy)
- Reduced meter reading and field service labor and vehicles miles driven
- Avoided cost of meter/radio replacement
- Improved maintenance scheduling and route management for meter services
- Reduced estimated bills and customer adjustments
- Improved water accountability
- Improved morale, increased safety, and reduced emissions
- Enforcement of restrictions through data management

The proposed Scope of Services is the first step in the overall AMI Project and includes a feasibility analysis and business case evaluation, as well as support with issuing a Request for Proposals (RFP) for the recommended technology. The proposed Scope of Services being authorized under this Task Order is summarized below.

Task 1 - Existing Inventory Assessment

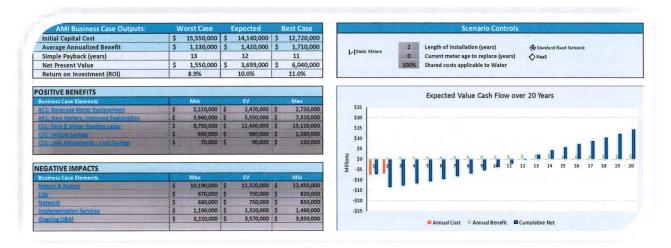
Replacement of existing meters, boxes, and lids is one of the largest cost elements of AMI projects, so retrofitting or upgrading existing assets can result in significant cost savings. During this task, the engineer will evaluate all water meters to determine the number, location, age, and condition. The engineer will use this information to recommend which assets be replaced and which be upgraded.

Task 2 – Evaluation of Advanced Metering Technologies

Today's water meters and associated software are offered with many different functional options. To make sure that CCWA selects options that will be utilized to their fullest extent, this task includes identifying the needs of highest priority to CCWA and evaluating multiple technologies against these objectives. Technologies that will be evaluated include AMI network technologies (RF, Cellular, LoRa, IPv6), one-way, two-way, licensed, mesh, star, etc.

Task 3 – Business Cases Evaluation

The results of Task 1 and Task 2 will be used to provide inputs to a business case model that will evaluate scenarios with varying parameters such as: duration of implementation, age of meters to replace, the use of static meters, and the implementation of remote disconnect devices. For each scenario, the engineer will quantify the return on investment and evaluate the business case for that scenario. A business case recommendation will be made, and the engineer will provide a lifecycle cost estimate for the project (including capital cost for equipment such as meters, radios, lids, collectors, installation, project management, IT system integration, etc. and operations and maintenance costs for services such as software, licenses, hosting, backhaul, and collector maintenance, etc.). This task will also include a quantification of some of the project benefits.



Task 4 – Procurement Document Development

For this task, the engineer will develop the technical specifications to be included in an RFP to competitively procure the appropriate AMI solution. The engineer will assist with administering the RFP, review the proposals, participate in interview, and recommend the best value AMI solution.

Task 5 - Draft Communications and Implementation Plan

This task includes the development of a high-level communication plan and an overall project implementation plan. The communication plan will be tailored to different types of staff and will identify tools, such as an intranet site, fact sheets, and a FAQ, that will help educate staff, as well as methods for reaching out to staff. The implementation plan will provide a recommended roadmap for completion of the AMI project, with consideration to

budget constraints, meter deployment strategy (including a phased approach), opportunistic installations, and other considerations.

Recommendation:

CCWA staff requests approval for the General Manager to execute Task Order JA-RE-21-13 to Jacobs Engineering Group for an amount not to exceed \$282,000.00.

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

RESOLVED to award Task Order JA-RE-21-13 to Jacobs Engineering Group for a feasibility analysis and business case evaluation, as well as support with issuing a Request for Proposals in an amount not to exceed \$282,000.00, authorizing General Manger to execute. In favor: Robin Malone, Marie Barber, Dr. Cephus Jackson, Mike Thomas, John Chafin, Emma Godbee. Abstain: Rodney Givens. Motion Passes.

<u>Affordability Recommendation:</u> Customer Accounts Director Rodney Perkins presented a recommendation to add a Military Discount to the Clayton County Water Authority Law & Policy Manual Section 20 Hardship Assistance.

Care. Connect. Conserve is the name for the CCWA Affordability Programs. Affordability Programs are designed to assist low-income customers or customers experiencing a hardship with help to pay their bills on time. We transitioned our efforts from just Hardship to the umbrella of Affordability to offer CCWA the flexibility to have multiple programs under the Affordability heading, which now includes Hardship Assistance and a Low-Income Discount that was introduced as of April 2020.

In response to our Board of Director's request for CCWA to explore ways to assistant veterans that reside in Clayton County, we have come up with a recommendation. We recommend offering Military Discount which will provide additional assistance to our customers who are veterans. Since they may qualify for our Low-Income discount program, we determined that a more inclusive approach would be to offer active, reserve, retired and disabled military service members a discounted rate on service/disconnect fees and recreational passes.

Service fees include:

- Waive \$25 new service or transfer fee
- Waive \$40 disconnect fee (two within a 12-month rolling period)

Recreational fees include:

- \$20 discount on Hunting Season Passes
- \$10 discount on Fishing Season Passes
- \$10 discount on Wildlife Permits

CCWA is proud to support those who have served and are serving our country with the opportunity to offer a discount for those that show proof of active, reserve, veterans, or disability status.

STATE OF GEORGIA COUNTY OF CLAYTON

RESOLUTION NO. 2022-01

A RESOLUTION BY THE CLAYTON COUNTY WATER AUTHORITY BOARD OF DIRECTORS TO AMEND CHAPTER 8 ("CUSTOMER SERVICE") IN THE CLAYTON COUNTY WATER AUTHORITY LAW AND POLICY MANUAL; TO PROVIDE FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

WHEREAS, Georgia Laws 1955, page 3334, created the Board of the Clayton County Water Authority;

WHEREAS, the Clayton County Water Authority Board of Directors ("Board") has adopted a Clayton County Water Authority Law and Policy Manual; and

WHEREAS, the Board wishes to update the Clayton County Water Authority Law and Policy Manual.

NOW THERE County Water Authority Law and Policy Manual is hereby officially amended by striking the existing text in Chapter 8 ("Customer Service") and adopting, in lieu thereof, the text set forth below:

"CHAPTER 8 CUSTOMER SERVICE

SECTION 20 HARDSHIP ASSISTANCE

Affordability Programs are defined as programs that assist low-income customer or otherwise enhance customers' ability to pay their bill on time. The Authority offers three affordability programs including Hardship Assistance, Low Income and Military Discount programs.

The Hardship Assistance program is available to assist applicants demonstrating hardship in paying their water and sewer bills to the Authority. Eligibility is determined by Board approved vendors. These vendors will receive a fee equal to twenty percent (20%) of the amounts paid to the Customer by the Authority. The maximum assistance available to any applicant shall be two hundred dollars (\$200) in a twelve-month period. Once qualified, the applicant and CCWA will be notified by the reviewing vendor and the customer's account will be credited from available Affordability Program funds. The credit will be displayed on the customer's bill.

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The Low-Income Discount Program allows all customers under 150% of the federal poverty level guidelines to receive a monthly discount on their water and sewer bill. The customer will receive a discount of \$2.50 for water and \$2.50 for sewer.

Funding for Affordability programs comes from revenue received from cell tower leases (less all expenses) and funds from the Gas South alliance partnership. At the end of each fiscal year, any funds that are unused will carry over to the next year.

The Military Discount is available to customers that have served and are serving our country with the opportunity of a discount for those that show proof of active, reserve, retired or disable status. The military discount will waive new service or transfer fee and two disconnection fees within a twelve-month rolling period. The military discount also includes discount on recreational fees which will include \$20 discount on Hunting Season passes, \$10 discount on Fishing Seasons Passes and Wildlife Permits

(Reference minutes of May 4, 2006 Page 3304, June 3, 2010 Page 4322, August 5, 2010 Page 4351,

December 3, 2015 Pages 5153 – 5156, September 1, 2016 Pages 5258 – 5263, November 7, 2019 Pages 5668 – 5671, April 1, 2021 Pages 5937 – 5939, February , 2022 Pages)

IT IS FURTHER RESOLVED THAT this amendment shall be immediately effective upon adoption of this Resolution.

SO RESOLVED this day of February 2022.

AYTON COUNTY WATER AUTHORITY:

Robin Malone, Chairman

ATTEST:
Rodney Givens, Secretary/Treasurer
APPROVED AS TO FORM:
Attorney for Clayton County Water Authority

Recommendation:

CCWA staff requests approval to add Military Discount to the Affordability Programs and approval of Resolution 2022-01.

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

RESOLVED to approve Resolution 2022-01 to add Military Discount to the Hardship Assistance Programs in Section 20 of the Clayton County Water Authority Law and Policy Manual.

<u>General Services Maintenance Complex Building Bid Recommendation:</u> General Services Director Brent Taylor presented a recommendation to reject bid to construct a maintenance complex building.

In October 2021, the Clayton County Water Authority General Services Department advertised a bid seeking a contractor to construct an outbuilding to provide shelter for work equipment being left out in the elements. CCWA received one bid in December 2021 from Abuck, Inc. in the amount of \$371,517.48. However, the General Services budget was \$162,000.00 for this project.

Recommendation:

CCWA staff requests to reject the General Services Maintenance Outbuilding Bid, reassess the project, and revise our FY2022 budget to include this procurement in the future.

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

RESOLVED to reject General Services Maintenance Outbuilding Bid.

Executive Session

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

RESOLVED to enter an Executive Session to discuss legal matters.

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

RESOLVED to exit Executive Session and return to open session.

Updates from the Board Members and General Manager

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

RESOLVED to enter into an Intergovernmental Agreement with Jonesboro.

UPON MOTION by Dr. Cephus Jackson, second by Emma Godbee, it was unanimously

RESOLVED to approve the minutes of the Executive Session.

Stormwater Director Kevin Osbey presented an update on the Judy Lane Wetland and Tributary Enhancement and Clayton County Partnership. Information only, no action taken.

General Manager H. Bernard Franks provided an update on upcoming Design Build and Ace Conference. Information only, no action taken.

Customer Accounts Director Rodney Perkins provided an update on the 2022 Rate Adjustment that begins the first billing cycle in February. Information only, no action taken.

General Manager H. Bernard Franks presented the Huie By-Laws regarding the CCWA Board elects or reappointments.

UPON MOTION by Dr. Cephus Jackson, second by Emma Godbee, it was unanimously

RESOLVED to reappoint Mike Thomas, Teresa Worley, Marie Barber, and Robin Malone to serve a one-year term on the Huie Nature Preserve Board.

Adjourn

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

RESOLVED to adjourn the Board Meeting at 3:54 p.m., there being no further business to come before the Board of Directors.

Robin Malone, Chairman

Rodney Givens, Secretary/Treasurer