CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting
Zoom Meeting

Present at the meeting were: Chairman Robin Malone, Vice Chairman Marie Barber, Secretary/Treasurer Rodney Givens, Board Member John Westervelt, Board Member John Chafin, Board Member Dr. Cephus Jackson, Board Member Vivian Baldwin, General Manager H. Bernard Franks, Assistant General Manager Teresa Worley, Assistant General Manager Keisha Thorpe, Legal Counsel Steve Fincher, Executive Coordinator Amanda La Pierre and other CCWA staff and visitors.

Invocation
Robin Malone introduced Water Production Plant Operator Galwyn Hill to perform the invocation.

Adoption of Agenda
UPON MOTION by Vivian Baldwin and second by Marie Barber to adopt the agenda as presented it was unanimously

RESOLVED to adopt the agenda as presented.

Approval of Minutes
Chairman Robin Malone called for any omissions or additions to the Minutes of the Regular Board Meeting held on October 1, 2020.

UPON MOTION by Marie Barber and second by Vivian Baldwin, it was unanimously

RESOLVED to approve the Minutes of the Regular Board Meeting held on October 1, 2020.

Financial and Statistical Reports
Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending September 30, 2020. Information only, no action taken.

Recognition
Rick Hirsekorn Retirement. Chairman Robin Malone recognized Rick Hirsekorn from Jacobs Engineering upon the occasion of his retirement. Information only, no action taken.

Anquilla Henderson Introduction. General Manager H. Bernard Franks introduced new Human Resources Director Anquilla Henderson. Information only, no action taken.

Wetlands Festival Summary. Water Production Director Coty McDaniel presented a summary of the 2020 Wetlands Festival. Information only, no action taken.

New Business

Jesters Creek Outfall Replacement - Phase 4 Bid Recommendation: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Jesters Creek Outfall Replacement – Phase 4 Bid.

The total estimated project costs for Jesters Creek Outfall Replacement - Phase 4 (6,600 feet), include the construction contract, CCWA purchased pipe, CCWA provided services during construction, supplementary services during design and construction, and easement acquisition services.

Bids Received	Total Bid Amount	SLBE Bid Discount for Evaluation
Ruby Collins, Inc.	$2,660,193.75	N/A
Heilx Group	$3,859,729.07	$3,570,249.39
John D. Stephens, Inc.	$3,997,466.92	N/A
Site Engineering, Inc.	$4,722,704.10	$4,268,501.29
Reynolds Construction	$4,839,270.69	N/A

Recommendation:
CCWA staff recommended awarding to Ruby Collins, Inc. based on the total bid amount of $2,660,193.75.

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

RESOLVED to award the Jesters Creek Outfall Replacement – Phase 4 Bid to Ruby Collins, Inc. at a total price of $2,660,193.75; contingent upon approval of bonds and insurance as required and authorizing the General Manager to sign the contract.

Walnut Creek Force Main Bid Recommendation: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Walnut Creek Force Main Bid.

The total estimated project costs for the Walnut Creek Force Main (15,580 feet), include the construction contract, CCWA purchased pipe, CCWA provided services during construction, supplementary services during design and construction, and easement acquisition services. A new 10-inch force is required to accommodate capacity needs.

Bids Received	Total Bid Amount	SLBE Bid Discount for Evaluation
RDJE, Inc.	$2,104,260.00	N/A
Heilx Group	$2,316,811.00	$2,143,050.27
A1 Contracting, Inc.	$2,658,170.50	N/A
Reeves & Young	$2,913,261.09	N/A
Site Engineering, Inc.	$3,486,780.68	$3,225,272.13
GS Construction, Inc.	$3,451,110.05	N/A

Recommendation:
CCWA staff recommended awarding to RDJE, Inc. based on the total bid amount of $2,104,260.00.

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

RESOLVED to award the Walnut Creek Force Main Bid to RDJE, Inc. at a total cost of 2,104,260.00; contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract.

Intergovernmental Agreement Regarding Well Relocation and Pipeline Replacement at Walnut Creek Lift Station: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Intergovernmental Agreement Regarding Well Relocation and Pipeline Replacement at Walnut Creek Lift Station.

CCWA has been planning for the Walnut Creek Lift Station Replacement Project since 2018. An evaluation was completed and then a task order for Design and Bid Services was awarded in August 2019. On a parallel path, CCWA staff completed the design of a new force main that can accommodate the increased capacity of the lift station to accommodate current and future flows.
A construction contract was awarded in August 2020 for the Lift Station and a construction contract for the force main is being recommended at the November 2020 Board of Directors (B0D) meeting.

During the planning and design phase of the lift station, we determined four monitoring wells for the County's adjacent landfill conflicted with the lift station and force main. These wells would need to be decommissioned and new wells constructed outside of the construction limits of the project. CCWA presented to the Clayton County Solid Waste Management Authority (SWMA) in October 2019 and described the impacts of the Walnut Creek Lift Station Improvement Project. At this meeting, the SWMA Board approved the following:

- Funding decommissioning of existing wells and construction of new wells outside the project limits

- Expansion of existing 20-foot wide easement on the pipelines and lift station to ensure access to maintain infrastructure
- Approval to move forward with developing a written agreement, to be executed between CCWA and Clayton County that documents the responsibilities and work to be completed

An intergovernmental agreement (IGA) was drafted and approved by legal staff for both Clayton County and CCWA. The County approved Resolution 2020-199 at the October 20th Board of Commissioners meeting and is now ready to be executed by CCWA.

STATE OF GEORGIA

COUNTY OF CLAYTON

INTERGOVERNMENTAL AGREEMENT

REGARDING WELL RELOCATION AND PIPELINE REPLACEMENT

AT WALNUT CREEK LIFT STATION

This Intergovernmental Agreement Regarding Well Relocation and Pipeline Replacement at Walnut Creek Lift Station ("**Agreement**") is made and entered into by and between Clayton County, Georgia, a political subdivision of the State of Georgia ("**County**"), the Clayton County Solid Waste Management Authority ("**SWMA**"), a public body corporate and politic, and the Clayton County Water Authority, an authority duly organized and existing under the laws of the State of Georgia ("**CCWA**") (collectively referred to as "**Parties**") and shall be effective on the date this Agreement becomes fully executed by the Parties ("**Effective Date**").

WHEREAS, CCWA owns and operates the Walnut Creek Sanitary Sewer Lift Station ("**Walnut Creek LS**"), which is partially located on real property owned by the County and partially located real property owned by SWMA (collectively referred to as the "**Property**"); and

WHEREAS, that certain real property owned by the County consists of approximately 95.23 acres located in the 6th District, Land Lot 156 in Clayton County, Georgia, and is generally known as 11866 Hastings Bridge Road, Parcel ID No. 06132 156003 and being more particularly described on **Exhibit A**, attached hereto and incorporated by reference herein ("**County Property**"); and

WHEREAS, that certain real property owned by SWMA consists of approximately 169.836 acres located in the 6th District, Land Lot 156 in Clayton County, Georgia, and is generally known as 11678 Hastings Bridge Road, Parcel ID No. 06132 156004 and being more particularly described on **Exhibit B**, attached hereto and incorporated by reference herein ("**SWMA Property**"); and

WHEREAS, Walnut Creek LS and the force-main pipeline attached thereto require substantial upgrades due to high flows, pump maintenance issues, mechanical failures, and the need for accommodation of future flows ("**Project**"); and

WHEREAS, CCWA's preliminary analysis and design for the Project determined that it is necessary to construct a new lift station, new screening system, and to replace the force-main pipeline; and

WHEREAS, three (3) groundwater monitoring wells and one (1) methane monitoring well located on Site 2 of the County Landfill are within the proposed construction limits of the Project and are more particularly described on **Exhibit C**, attached hereto and incorporated by reference herein; and

WHEREAS, SWMA passed a motion at its meeting on October 29, 2019 recommending that the Board of Commissioners approve CCWA's request to: (1) fund the decommissioning of the existing monitoring wells and construction of new wells outside the limits of the Project; and (2) expand the limits of the existing easement granted to CCWA for the pipelines and lift station to ensure access to maintain infrastructure; and

WHEREAS, the County has determined that the engineering services associated with the new well construction and commissioning can be handled by Jacobs Engineering under their current annual services contract with the County; and

WHEREAS, the Board of Commissioners deems it in the best interest of Clayton County and its citizens, and the County and the citizens will be best served by approving CCWA's requests and this Agreement with CCWA concerning the Project.

WHEREAS, the County, SWMA, and CCWA are authorized by Article IX, Section III, Paragraph I of the Constitution of the State of Georgia to enter an intergovernmental agreement for the purposes stated herein.

NOW THEREFORE, in consideration of the premises and the mutual covenants, conditions and promises hereinafter set forth and for other good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, the parties hereby do covenant and agree as follows:

1. **CCWA's Obligations.** CCWA, at its sole cost and expense, shall design, construct, install, inspect and maintain the new Walnut Creek LS and the new force-main pipeline in accordance with all applicable rules, regulatory requirements and laws.

2. **County's Obligations.** The County, at its sole cost and expense shall design, construct and take all steps necessary to decommission the County's Groundwater Monitoring Wells #9, #10, and #14 and Methane Monitoring Well # 12 located on Exhibit B attached hereto, as well as design, construct, install, inspect and maintain new monitoring wells in accordance with all applicable rules, regulatory requirements and laws. The County acknowledges and understands that it or one of its contractors must coordinate with the Georgia Environmental Protection Division ("**EPD**") to gain approval from the EPD to decommission and propose new locations for the monitoring wells.

3. Easements. The County and SWMA hereby agree to grant CCWA an expansion of the existing 20-foot wide permanent easement on the Property, recorded in Clayton County Deed Book 1227, Page 609, by increasing the easement area to 40-feet wide to include all land necessary to access and maintain the old and new infrastructure for the Walnut Creek LS and related pipelines. The County and SWMA further agree to grant CCWA a 20-foot wide easement on a portion of the Property where the new pipeline will be located, and a 10-foot wide construction easement running parallel to the existing and new permanent easements. The expansion and additional footage needed for the existing and new easement area shall be collectively referred to herein as the "**Easement Area**". The County and SWMA authorizes the execution, delivery, performance and recordation of the proposed easements in substantially the form attached hereto as **Exhibit D**, and incorporated by reference herein, subject to such changes, insertions, or omissions as may be approved by the Chairman and approved as to form by the County Attorney.

4. Term of Agreement. The Parties acknowledge and agree that the term of this Agreement shall commence on the Effective Date and shall expire fifty (50) years after said Effective Date as authorized by Article IX, Section III, Paragraph I(a) of the Constitution of the State of Georgia. The term of this Agreement shall in no way affect the term of the easements the County and SWMA agree to grant herein.

5. Indemnity. To the extent permitted by law, each party hereby warrants, represents, covenants and agrees to release, indemnify, defend and hold harmless the other, its boards, officials, employees, and agents from any and all claims, losses, liabilities, damages, deficiencies or costs (including without limitation, reasonable attorneys' fees and legal expenses) suffered or incurred by such parties, whether arising in tort, contract, strict liability or otherwise, and including without limitation, personal injury, wrongful death or property damage, arising in any way from the actions or omissions of the other, its agents, employees, contractors, subcontractors, officers, or directors in the course of their performance of their duties with regard to the Project. To the extent permitted by law, each party does further hereby agree to release, indemnify, defend and hold harmless the other, its boards, officials, employees, and agents, from any injury (including death resulting there from), loss, claim or damage sustained by the agents, employees, contractors, subcontractors, officers, or directors of the other party, without regard to negligence, in the course of each party's performance of their duties with regard to the Project. The language of this indemnification clause shall survive termination of this agreement.

6. Entire Agreement. This Agreement and the Exhibits attached hereto constitute the entire agreement and understanding between the Parties hereto and replaces, cancels and supersedes any prior agreements and understandings relating to the subject matter hereof, and all prior representations, agreements, understandings and undertakings between the parties hereto with respect to the subject matter hereof are merged herein.

7. No Waiver. The waiver of a breach of any provision of this Agreement shall not operate or be construed as a waiver of any subsequent breach.

8. Severability. Should any provision of this Agreement be determined by a court of proper jurisdiction to be unlawful, invalid or void, the remainder of this Agreement shall remain effective and be enforced to the greatest extent permitted by law to accomplish the purposes hereof.

9. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one single agreement between

the Parties. Facsimile or .pdf signatures shall be deemed originals with the same enforceability as if they were originals.

[SIGNATURES APPEAR ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the year and day below written.

CLAYTON COUNTY WATER AUTHORITY,

By:_____(SEAL)

Robin Malone, Chairman

Attest:_____(SEAL)

Date: _____

CLAYTON COUNTY, GEORGIA,

By:_____(SEAL)

Jeffrey E. Turner, Chairman

Attest:_____(SEAL)

Date: _____

EXHIBIT A

All that tract or parcel of land lying and being in Land Lots 156 and 165 of the 6th District of Clayton County, Georgia being 118.51346 acres according to a survey for Clayton County by John E. Chapman, Jr., Surveyor, dated Jan. 29, 1975 and being more particularly described as follows:

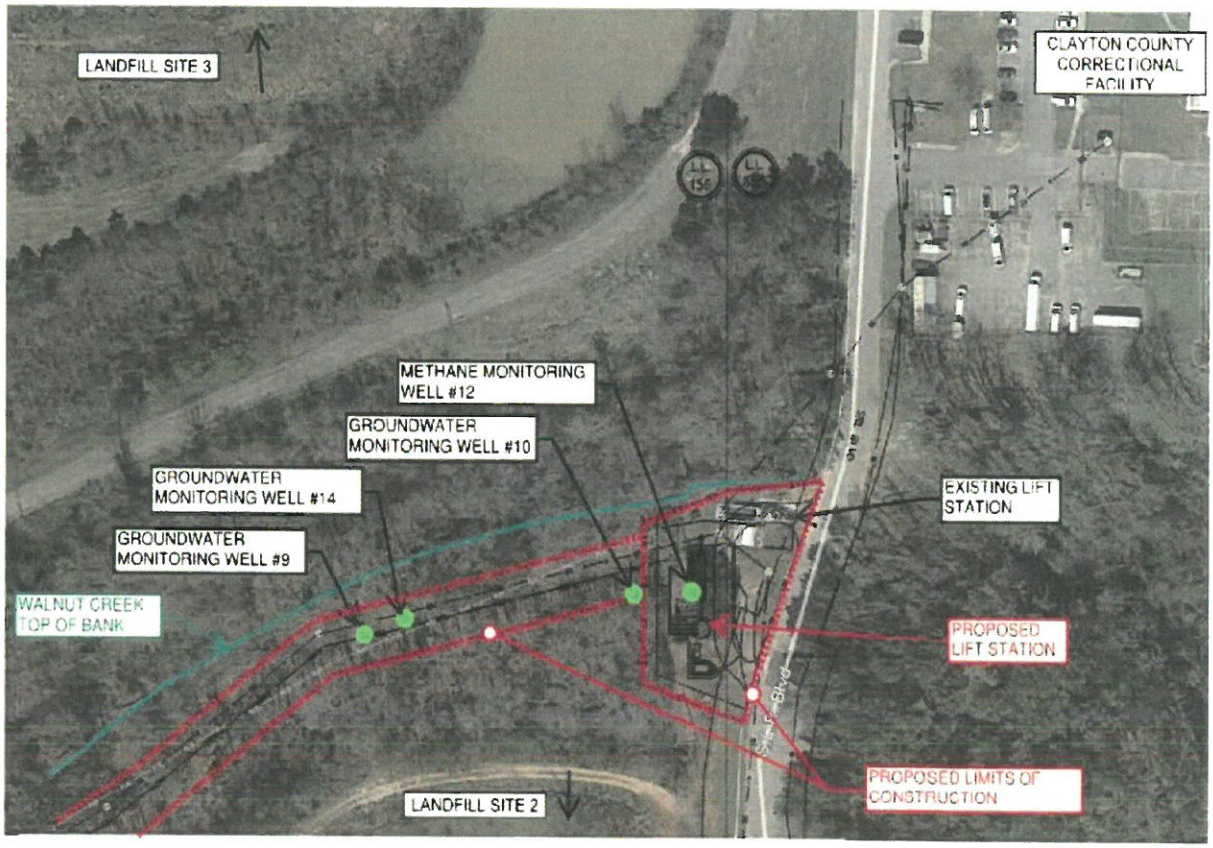
BEGINNING at the Northeast corner of Land Lot 156; thence North 88 degrees 43 minutes 57 seconds West 1464.58 feet to an iron pin; thence South 0 degrees 44 minutes 29 seconds West 2880.26 feet to an iron pin on the South line of Land Lot 156; thence South 0 degrees 51 minutes 36 seconds East 561.6 feet to a point on the Northeasterly side of State Highway No. 3; thence Southeasterly along the Northeasterly side of said Highway 1406.20 feet to a point on the East line of Land Lot 165; thence North 0 degrees 55 minutes 49 seconds East along the East line of Land Lots 165 and 156 a distance of 3637.62 feet to the point of beginning.

EXHIBIT B

All that tract or parcel of land lying and being in Land Lot 134 of the 6th District of Clayton County, Georgia, and being more particularly described as follows:

TO FIND THE TRUE POINT OF BEGINNING commence at a point common to Land Lots 133, 134, 155 and 156; running thence north 00 degrees 43 minutes 45 seconds east a distance of 36.99 feet to a point; running thence south 89 degrees 11 minutes 35 seconds east a distance of 50.00 feet to a point, this being the POINT OF BEGINNING; running thence south 89 degrees 11 minutes 35 seconds east a distance of 1,127.94 feet to a point; running thence south 00 degrees 48 minutes 24 seconds west a distance of 36.99 feet to a point; running thence north 89 degrees 11 minutes 36 seconds west a distance of 1,127.89 feet to a point; running thence north 00 degrees 43 minutes 46 seconds east a distance of 36.99 feet to a point, this being the POINT OF BEGINNING. Said tract contains approximately 1 acre more or less.

EXHIBIT C



LANDFILL MONITORING WELL SITE LOCATION

WALNUT CREEK LIFT STATION AND FORCE **MAIN** UPGRADE CLAYTON COUNTY WATER AUTHORITY

EXHIBIT D

Proposed Easements

After Recording, Return To:

Clayton County Water Authority

Attn: Keith Watkins

1600 Battle Creek Road

Morrow, GA 30260-4302

ACCESS AND SANITARY SEWER EASEMENT

THIS CONVEYANCE, made this _____ day of _____, 2020, by and between Clayton County, Georgia ("**Grantor**") and the Clayton County Water Authority ("**Grantee**"), their respective successors and assigns:

WITNESSETH

That for and consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and the benefits to be conferred on Grantor's property, Grantor, and for and on behalf of its successors and assigns, does hereby grant, sell, and convey unto Grantee and its successors and assigns the following rights, privileges, and easements in, on, over, under, across and through the lands of Grantor being located in Land Lot 156 of the 6th District of Clayton County, Georgia and more particularly described in Clayton County Deed Book 760, page 309 ("**Property**"), said easements being described as follows:

A non-exclusive, perpetual easement in, on, over, under, across and through the Property, said easement being 20 feet in width, running parallel to that certain easement recorded in Clayton County Deed Book 1227, Page 609, and more particularly described as "**New Additional 20' Permanent Easement**" on that certain Sewer Easement Plat of the Property prepared by Clayton County Water Authority and dated November 25, 2019, attached hereto as Exhibit "A" attached and incorporated by reference herein.

Together with a temporary construction easement being 10 feet in width, running parallel to the described New Additional 20' Permanent Easement, and more particularly described as "**Construction Easement**" on Exhibit "A" attached hereto. Said Construction Easement shall automatically terminate without further action being required of either party hereto upon the completion of the installation and construction of the new sanitary sewer line and appurtenant facilities.

Grantee shall have the right of ingress and egress on said Property for the purpose of the installation, construction, enlargement, use, replacement, reconstruction, maintenance, testing, inspection and repair, and the non-exclusive use and enjoyment of sanitary sewer lines and all appurtenant facilities, and shall exercise reasonable diligence in doing necessary work in connection therewith so as to avoid damaging the Property.

IN WITNESS WHEREOF, the undersigned hereunto set their hand(s) and seal(s) the day and year above written.

GRANTOR

CLAYTON COUNTY, GEORGIA

_____

Witness

By:_____(Seal)

Name: Jeffrey E. Turner, Chairman,

Clayton County Board of Commissioners

_____

Notary Public

My Commission Expires: _____

[NOTARY SEAL]

EXHIBIT "A"

(INSERT EASEMENT DRAWING, DATED 11/25/19)

After Recording, Return To:

Clayton County Water Authority

Attn: Keith Watkins

1600 Battle Creek Road

Morrow, GA 30260-4302

ACCESS AND SANITARY SEWER EASEMENT

THIS CONVEYANCE, made this _____ day of _____, 2020, by and between Clayton County Solid Waste Management Authority ("**Grantor**") and the Clayton County Water Authority ("**Grantee**"), their respective successors and assigns:

WITNESSETH

That for and consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and the benefits to be conferred on Grantor's property, Grantor, and for and on behalf of its successors and assigns, does hereby grant, sell, and convey unto Grantee and its successors and assigns the following rights, privileges, and easements in, on, over, under, across and through the lands of Grantor being located in Land Lot 156 of the 6th District of Clayton County, Georgia and more particularly described in Clayton County Deed Book 2138, page 128 ("**Property**"), said easements being described as follows:

A non-exclusive, perpetual easement in, on, over, under, across and through the Property, said easement being 20 feet in width, running parallel to that certain easement recorded in Clayton County Deed Book 1227, Page 609, and more particularly described as "**New Additional 20' Permanent Easement**" on that certain Sewer Easement Plat of the Property prepared by Clayton County Water Authority and dated November 25, 2019, attached hereto as Exhibit "A" attached and incorporated by reference herein.

Together with a non-exclusive, perpetual easement in, on, over, under, across and through the Property, said easement being 20 feet in width and more particularly described as "**New Permanent Easement**" on Exhibit "A" attached hereto.

Together with a temporary construction easement being 10 feet in width, running parallel to the described New Additional 20' Permanent Easement and Permanent Easement, and more particularly described as "**Construction Easement**" on Exhibit "A" attached hereto. Said Construction Easement shall automatically terminate without further action being required of either party hereto upon the completion of the installation and construction of the new sanitary sewer line and appurtenant facilities.

Grantee shall have the right of ingress and egress on said Property for the purpose of the installation, construction, enlargement, use, replacement, reconstruction, maintenance, testing, inspection and repair, and the non-exclusive use and enjoyment of sanitary sewer lines and all appurtenant facilities, and shall exercise reasonable diligence in doing necessary work in connection therewith so as to avoid damaging the Property.

IN WITNESS WHEREOF, the undersigned hereunto set their hand(s) and seal(s) the day and year above written.

GRANTOR

CLAYTON COUNTY, GEORGIA

_____

Witness

By:_____(Seal)

Name: _____

Title: _____

_____

Notary Public

My Commission Expires: _____

[NOTARY SEAL]

EXHIBIT "A"

(INSERT EASEMENT DRAWING, DATED 11/25/19)

Recommendation:
CCWA staff recommended t approval and execution of Clayton County Board of Commissioners Resolution 2020-199.

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

RESOLVED to approve and execute Clayton County Board of Commissioners Resolution 2020-199 Intergovernmental Agreement Regarding Well Relocation and Pipeline Replacement at Walnut Creek Lift Station.

Sewer Process Model Corrosion and Sulfide Control Evaluation Task Order Recommendation: Program Management and Engineering Director Kelly Taylor presented a recommendation on the Sewer Process Model Corrosion and Sulfide Control Evaluation Task Order.

In 2012, concerns about corrosion and odor in the W.B. Casey Water Resources Recovery Facility (WRRF) sewer basin led to a field study of hydrogen sulfide concentrations and related water quality parameters. Based on the recommendations of this study, we initiated a pilot to test the ability of magnesium hydroxide, a pH adjuster, to reduce naturally occurring hydrogen sulfide concentrations within the sewer collection system. Based on the pilot's success, we have continued to dose magnesium hydroxide at the Reeves Creek and Atlanta lift stations, in order to prevent the return of odors in these areas. While odor concerns continue to be minimal, we have not conducted a thorough evaluation of the impacts of magnesium hydroxide on downstream plant processes, and additionally, corrosion within the sewer basin is still of concern and continues to be a primary driver in our pipeline replacement program.

Since our initial odor and corrosion study took place, engineering tools have advanced to allow tracking and prediction of hydrogen sulfide generation, fate, emissions, and corrosion in a collection system. The Wastewater Anaerobic/Aerobic Transformations in Sewers (WATS) software tool can utilize our existing hydraulic sewer model to build a model to track hydrogen sulfide throughout our sewer system. Use of a calibrated WATS model would allow us to screen and compare a range of options for improved sulfide/corrosion control, assess plant impacts due to sulfide control, support asset

management of corroding concrete assets, and evaluate the impacts of the planned decommissioning of the Shoal Creek Water Reclamation Facility (WRF). Towards these goals, the proposed scope of work includes the following tasks:

Task 1 – Build and Calibrate Sewer Process Model. Jacobs will use our existing hydraulic model of the Casey sewer basin to build a WATS model and will calibrate the model using data collected during the 2012 corrosion study.

Task 2 – Field Sampling and Calibration Refinement. Based on the results of the initial model (Task 1) and input from our staff, Jacobs will identify 10 locations for additional field sampling for model refinement. At these locations, data loggers will be deployed to monitor both headspace hydrogen sulfide and headspace pressure over a one-week period, and grab samples will be collected for related water quality parameters. The data will then be used to re-calibrate the WATS model.

Task 3 – Corrosion Control Recommendations. Jacobs will use the WATS model (Task 2) to assess sulfide corrosion and categorize zones of the Casey WRRF sewer basin in terms of corrosion risk. For zones which have intermediate risk from corrosion and could benefit from treatment toward the goal of delaying the need for rehabilitation, Jacobs will evaluate treatment strategies for slowing corrosion, including estimated cost and effectiveness. Task 3 also includes an evaluation, using the WATS model, of the effectiveness of our existing magnesium hydroxide dosing strategy, with short-term recommendations for alternate approaches if warranted.

Task 4 – Development of Odor Control Recommendations for Potential Hot-Spots. While the WATS model focuses primarily on corrosion, on-site inspections in Task 4 will focus on odor issues. Jacobs will assess the configuration of pump stations with a history of odor complaints and will develop preliminary design guidance including technology recommendations and load estimates.

Task 5 – Sewer-to-Plant Process Modeling. The recommendations from Task 3 and 4 will be evaluated with consideration to the impacts of these liquid-phase chemical treatments on the Casey WRRF processes. Using our existing Casey WRRF process model, informed by new outputs from the WATS model, Jacobs will evaluate scenarios and quantify impacts of chemical treatment to Casey WRRF for each scenario. This will result in recommendations for avoiding harm to the plant processes and will also quantify possible synergies between the sewer and the plant.

Task 6 – Recommendations, Report, and Workshop. A final report will include recommendations, planning level costs for the recommended chemical treatments, and a summary of important findings. These will also be presented at a final workshop with staff.

Recommendation:
CCWA staff recommended awarding Task Order JA-OP-20-02 to Jacobs Engineering in the amount not to exceed $155,000.00.

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

RESOLVED to award the Sewer Process Model Corrosion and Sulfide Control Evaluation Task Order JA-OP-20-02 to Jacobs Engineering. at a total cost not to exceed $155,000.00; contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the task order. In favor: Robin Malone, Marie Barber, John Westervelt, John Chafin, Dr. Cephus Jackson and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

Hicks Liquid Lime Detailed Design and Bid Services Task Order Recommendation:
Water Production Director Coty McDaniel presented a recommendation on the Hicks Liquid Lime Detailed Design and Bid Services Task Order.

The Terry R. Hicks Water Production Plant (WPP) receives raw water from the adjacent Blalock Reservoir and from the J.W. Smith Reservoir. The Hicks WPP is permitted to treat up to 10 million gallons of water per day (MGD) via conventional and advanced surface water treatment processes. The Hicks WPP's primary pre and post pH adjustment is achieved through introduction of hydrated lime which is slaked onsite. Dry lime is stored in a 14-foot diameter, 40-foot tall steel constructed silo. Pre-lime is fed at the mixer immediately inside the Process Room, ahead of the Claricones. Post lime is routed through the Process Room to a point of injection in the UV Building, ahead of disinfection. Phosphate is mixed with the lime slurry inside the lime silo. The phosphate bulk storage and containment is located adjacent to the lime silo.

CCWA desires to convert the hydrated lime system to a liquid lime system in accordance with CCWA's goal to standardize lime feed across treatment facilities. It is also desired that Phosphate be fed independent of the lime but integrated into the design of the new lime system. To meet these goals, the Hicks WPP Liquid Lime Design and Bid Services Task Order includes the following scope of service:

Task 1 - Preliminary Engineering. Task 1 involves field investigation and equipment evaluations required to define the criteria and basis for design of the proposed liquid lime system. The required data gathering includes visual evaluations, geotechnical investigation, topographic and boundary surveys, and structural and electrical evaluations. The result of the data gathering will be a Preliminary Engineering Report (PER) which will be submitted to Georgia EPD and will guide the detailed design phase of the project.

Task 2 – Detailed Design Services. Task 2 involves developing construction documents consisting of detailed plans and technical specifications suitable for bidding the project. Disciplines included in the design are civil, process mechanical, structural, plumbing, electrical, and instrumentation and controls. Design documents will be provided at 60 and 100 percent milestones. Task 2 also includes preparing and submitting the land disturbance permit package to be submitted to the Clayton County Transportation and Development Department.

Task 3 – Bidding Phase Services. Task 3 involves developing request for bid (RFB) documents consistent with CCWA purchasing standards and providing support to CCWA during the project's bid phase.

Recommendation:
CCWA staff recommended awarding the Hicks Liquid Lime Detailed Design and Bid Services Task Order RT-RE-20-05 to River2Tap, Inc. (R2T) at the not to exceed total cost of $178,284.00.

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

RESOLVED to award the Hicks Liquid Lime Detailed Design and Bid Services Task Order RT-RE-20-05 to River2Tap, Inc. (R2T) at a total cost not to exceed $178,284.00; contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the task order.

Stormwater Development Guidelines Task Order Recommendation: Stormwater Director Kevin Osbey presented a recommendation on the Stormwater Development Guidelines Task Order.

In preparation of administering a Stormwater Utility on behalf of Clayton County and the cities of Forest Park, Jonesboro, Lake City, Lovejoy, Morrow, and Riverdale, CCWA developed the *Stormwater Development Guidelines* in 2006. This document outlined design requirements, material requirements, and construction standards for stormwater systems, in accordance with the Metropolitan North Georgia Water Planning District model ordinances and the Georgia Stormwater Management Manual (GSMM) current at the time. Since this time, many of the stormwater related ordinances have been, or are in the process of being updated, the GSMM has been revised, and there have been improvements made to our plan review process. An update to the *Stormwater Development Guidelines* is necessary to incorporate these changes and improvements since 2006.

Similar to the Stormwater Development Guidelines, our *Standard Specifications for Water Distribution Systems and Sanitary Sewer Systems* (*Water & Sewer Specs*) require updating, primarily to be consistent with current standards and requirements. An update to the Water and Sewer Specs will be completed by the PME Department, and we will combine the Water and Sewer Specs and the Stormwater Development Guidelines into a cohesive and seamless development review document for the community. The primary goal of the consolidation is to streamline the plan review process and development guidelines, so that developers can more easily work with our staff. Towards these goals, the proposed scope of work includes the following tasks:

Task 1 – Development Guidelines and Plan Review Workshop. Jacobs will review our existing plan review processes for stormwater, water, and sewer, and will consolidate the information to recommend an improved consolidated plan review process. The documented process will become a part of the new *Development Guidelines for Water, Sewer, and Stormwater*.

Task 2 – Update Stormwater Development Guidelines. Jacobs will update the 2006 *Stormwater Development Guideline*s to be consistent with current ordinances, the current version of the GSMM, and standards utilized by Clayton County Transportation and Development Department. This is anticipated to include updates to 5 sections and 11 appendices, in addition to updates to standard details and specifications if needed. The updated Stormwater Development Guidelines document will become a standalone section of the *Development Guidelines for Water, Sewer, and Stormwater*.

Task 3 – Development Review Guidelines Document. Jacobs will compile the results of Task 1 and Task 2 with updates to the Water and Sewer Specs being performed by the PME Department. This new document, the *Development Guidelines for Water, Sewer, and Stormwater*, will provide a single reference for developers and our staff, outlining the plan review process, design requirements, specifications, and necessary references.

Recommendation:
CCWA staff recommended approval of Task Order JA-SW-20-02 to Jacobs Engineering in the amount not to exceed $116,000.00.

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

RESOLVED to award Stormwater Development Guidelines Task Order JA-SW-20-02 to Jacobs Engineering at the not to exceed total cost of $116,000.00. ; contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the task order. In favor: Robin Malone, Marie Barber, John Westervelt, John Chafin, Dr. Cephus Jackson and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

Updates from the Board Members and General Manager

Risk Management Director Karen Riser provided an update on the cancelled SLBE Virtual Mixer. Information only, no action taken.

Communications and Community Relations Manager Suzanne Brown provided an update on the upcoming Rate Adjustment Virtual Roundtable Meetings. Information only, no action taken.

General Manager H. Bernard Franks provided an update on the Chairman's Ball. Information only, no action taken.

General Manager H. Bernard Franks presented an update on the Public Officials Dinner. Information only, no action taken.

Customer Accounts Director Rodney Perkins presented an update on customer payments. Information only, no action taken.

General Manager H. Bernard Franks recognized Human Resources Director Ed Durham for his upcoming retirement. Information only, no action taken.

Adjourn

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

RESOLVED to adjourn the Board Meeting at 3:14 p.m., there being no further business to come before the Board of Directors.

Robin Malone, Chairman

Rodney Givens, Secretary/Treasurer