

## CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road  
Morrow, Georgia 30260

Regular Board Meeting July 5, 2001

Chairman McQueen called the meeting to order at 1:30 p.m.

Present at the meeting were: Chairman, Pete McQueen, Vice Chairman, Lloyd Joiner, Secretary/Treasurer H. Lindy Rogers, Board Members, Marie Barber, J. Alan Horton and Robbie Moore, Jr., General Manager, M. Wade Brannan, Deputy Manager, Terry R. Hicks, Department Managers, Frank Conort, Dennis Hammock, Herbert Etheridge, Jr., Guy Pihera, Neal Wellons, Richard Calhoun and Mike Thomas, Executive Secretary, Patricia Groover, Assistant Manager of Administration, Scott Bailey, Project Manager, Mike Buffington, Contracts and Procurement Administrator, Karen Riser, Administrative Secretary, Dianne Hammock, Human Resources Director, Ed Durham, HR Coordinator, Darlene West, Compensation & Benefits Coordinator, Michelle Mirzaiee, Information Services Supervisor, Rodney Crowell, GIS Coordinator, Bruce Taylor, Lead Surveyor, Jim Quattlebaum, Senior Drafting Technician, Stacy Doerr and Supervisor of R.L. Jackson WRF, David Smith. Also present were: Steve Fincher, Fincher & Hecht, L.L.C., Rick Hirsekorn, of CH2M Hill, Chris Wood & Sara Hall, of Jim Wood & Associates Public Relations, David Nordan, Clayton News Daily and Visitors, Tim Tittle & Ricky Nixon, Southeastern Con. Sys., Pankaj Dajya, Toto USA, Jim Birdsong, Georgia Environmental Specialist, Rick Elrod & Marty Griffin, Griffin Industries and Will Bowman & Chinleng Vann, Fresh Express.

Chairman McQueen called on Stacy Doerr, Senior Drafting Technician, to give the invocation.

Chairman McQueen called for any omissions or additions to the minutes of the regular and executive board meeting on June 7, 2001, hearing none these minutes stand approved as presented.

Financial and Statistical Report: Chairman McQueen called on Frank Conort, Manager of Administration, who presented the monthly financial and statistical report. This report was received for information.

Mr. Conort called on Scott Bailey, Assistant Manager of Administration, to give the Board additional information on the Authority's financial trend analysis. Mr. Bailey discussed the information shown on the graphs and charts listed below which were distributed to Board Members. Budgeted FY 2002 Operating Revenues vs. Actual Revenues through May, Operating Expenses vs. Actual Expenses through May, Operating Revenues vs. Operating Expenses Actual through May and an informational

chart titled Projected FY 2002 Revenues vs. Expenses by Month Actual through May. There was discussion concerning this information.

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Employee Recognition, Ed Durham and Jim Quattlebaum: Chairman McQueen called on Wade Brannan, General Manager, who introduced Ed Durham, the Authority's Human Resources Director, and stated that the Society for Human Resources Management gave Mr. Durham recognition for obtaining his Professional in Human Resources Certification. Mr. Brannan thanked Mr. Durham for continuing to progress in his development as a Human Resource Professional and congratulated him for being identified as such by a national organization. Mr. Brannan called on Mike Thomas, Manager of Program Management & Engineering, who introduced Jim Quattlebaum, the Authority's Lead Surveyor in the Engineering Department. Mr. Thomas recognized Mr. Quattlebaum for completing the requirements and passing the Land Surveyor in Training examination. Mr. Thomas stated that Mr. Quattlebaum has also been instrumental in bringing the Authority into new areas of technology with the Global Positioning System that uses satellite technology in surveying work. Mr. Thomas stated that Mr. Quattlebaum is in the process of using this technology to set up a countywide network for the Authority. Mr. Thomas stated that he would like to recognize Mr. Quattlebaum for his accomplishments and the professionalism he has brought to the Authority. Mr. McQueen stated that on behalf of the Board that he would like to congratulate each of these employees.

Chairman McQueen called on Terry Hicks, Deputy Manager, who introduced Darlene West, Human Resources Coordinator. Mr. Hicks stated that Ms. West is retiring from the Authority on the 13<sup>th</sup> of this month with twenty-five (25) years of service. Mr. Hicks gave the Board information on Ms. West's work history with the Authority. Mr. Hicks stated that Ms. West has been instrumental in the successful operations of the Authority's Human Resources Section for the past ten years. Mr. Hicks stated that he would like to thank Ms. West for all of her years of dedicated service to the Authority. Mr. McQueen stated that he appreciates Ms. West's contributions to the Authority and hopes that she will enjoy her retirement.

Chairman McQueen called on Chris Wood, of Jim Wood & Associates Public Relations, who stated that he would like to introduce Sara Hall. Mr. Wood stated that Ms. Hall is a junior at the University of Georgia and will be working as a summer intern with Jim Wood & Associates. Mr. Wood distributed public relations information to Board Members and discussed this information.

Recap of 18" Bypass at the Morrow Pumping Station: Chairman McQueen called on Herbert Etheridge, Manager of Maintenance and Construction, who gave the Board information on the completion of the improvements to the Authority's Morrow pumping station. Mr. Etheridge discussed the following information that was distributed to Board

Members concerning the replacement of the 18" bypass line at the Morrow pumping station. Mr. Etheridge gave an informational slide presentation on other improvements to the Morrow pumping station. Mr. Etheridge gave the Board information on how the Maintenance and Construction employees were able to do these improvements while

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working in a confined space. Mr. Etheridge stated that he is indebted to the Maintenance and Construction employees for the excellent work that they do for the Authority. Mr. McQueen stated that the Authority saved over one hundred twenty six thousand dollars because the employees in the Maintenance and Construction department were able to do this work. There was discussion concerning this information.

**Clayton County Water Authority  
Addition of 18" Bypass Line at the Morrow Pumping Station  
Job Cost Recap**

The CCWA approved a project (Estimated cost of \$40,000) to install an 18" bypass line between the 20" fill line and the Morrow Station bypassing the Storage Tank. This project was completed at a cost of \$32,953.36. This bypass gives us the flexibility to use two pumps at this station during times when the tank may be out of service for maintenance or repairs. This bypass was funded with the remainder of the \$200,000 allocated in the 2000 bond issue for valve replacements at this station.

Estimate to replace valves at Morrow Station	\$200,000.00
Final cost of valve replacement	\$40,855.06
Remaining funds	\$159,144.94
Final cost of Bypass Line	\$32,953.36
Net remaining funds	<b>\$126,191.58</b>

Chairman McQueen called on Guy Pihera, Manager of Water Production, to update the Board on the Authority's water production and raw water storage. Mr. Pihera gave an informational slide presentation showing graphs and charts titled Rainfall to Date, Reservoir Storage, Monthly Finished Water to the System and Lake Lanier Levels. Mr. Pihera discussed the information shown on each of these graphs and charts. Mr. Pihera stated that the Authority's raw water storage is in excellent shape with all of the reservoirs full. There was discussion concerning this information. Mr. McQueen stated that Mr. Pihera gave a very professional and informative presentation at the American Water Works Association National Water Conference in Washington D. C. Mr. McQueen thanked Mr. Pihera for representing the Authority in such a professional manner.

Excavator Bid: Chairman McQueen called on Herbert Etheridge, Manager of Maintenance and Construction, who stated that the Authority advertised for and received bids on a 42,000 lb. excavator. Mr. Etheridge stated that the lowest bidder, who meets all of the Authority specifications, was METRAC with a John Deere 200LC excavator for a bid price of one hundred thirty five thousand two hundred ten dollars (\$135,210) which

includes a 7 year 7,500 hour full machine warranty. Mr. Etheridge stated that it is his recommendation that the Authority accept the low bid that meets specifications from METRAC. There was discussion concerning this information.

Clayton County Water Authority  
42,000 lb. Excavator  
Bid Tabulation Sheet  
**June 2001**

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BIDDER	TOTAL BID
<b>Takeuchi</b> 1525 Broadmoor Blvd. Buford, GA 30518	No Bid
<b>Stith Equipment Company</b> 5732 Morrow Road Forest Park, GA 30050	\$127,435.00 Komatsu PC-200-LC-6 \$6,547.00 Warranty 5 yrs 8,000 Hours
<b>Burch-Lowe</b> 5710 Riverview Road Mableton, GA 30059	\$113,054.00 Kobelco SK210LC \$5,140.00 Warranty 5 yrs. 7,500 Hours
<b>Lashley Tractor Sales</b> 6953 Covington Highway Lithonia, GA 30058	No Bid
<b>Perimeter Bobcat</b> 6972 Best Friend Road Atlanta, GA 30340	No Bid
<b>Yancey Brothers Co., Inc.</b> P.O. Box 43326 Atlanta, GA 30378	\$145,742.00 Caterpillar 320C2 \$4,240.00 Warranty 6 yrs. 7,500 Hours
<b>METRAC</b> 4500 Wendall Drive Atlanta, GA 30336	\$125,700.00 John Deere 200LC \$9,510.00 Warranty 7 yrs. 7,500 Hours
<b>Wade Tractor &amp; Equipment</b> 1286 Ann Street Griffin, GA 30223	No Bid
<b>United Tool Rental</b> P.O. Box 1383 Duluth, GA 30096	No Bid
<b>Southern Power &amp; Equipment</b> 4240 Martin Luther King Jr. Dr. Atlanta, GA 30336	Bid "A": \$99,669.00 Hyundai 210LC-3 \$12,500 Warranty 5 yrs. 7,000 hours Bid "B": \$112,959.75 Case 9030B \$13,750.00 Warranty 6 yrs. 7,500 Hours Bid "C": \$115,713.74 Case CX210 \$13,750.00 Warranty 6 yrs. 7,500 Hours

CCWA staff recommends that we purchase a John Deere 200LC and a 7-year full machine warranty from METRAC for \$135,210.00 as the low bid that meets specifications. We had budgeted \$150,000.00 for this purchase.

Upon Motion by Lindy Rogers and seconded by Marie Barber it was unanimously

RESOLVED: to accept the low bid that meets specifications from METRIC for a John Deere 200LC with a total bid price of one hundred thirty five thousand two hundred ten dollars (\$135,210) which includes a 7 year 7,500 hour full machine warranty. Mr. Rogers, Ms. Barber, Mr. Horton and Mr. Joiner voted for the motion and Mr. Moore voted against the motion.

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W.J. Hooper WPP 24" Line Phase I Bid: Chairman McQueen called on Herbert Etheridge, Manager of Maintenance and Construction, who stated that the W.J. Hooper water line replacement project was split into four phases. Mr. Etheridge stated that the Authority is planning to combine Phase II and III of this project and advertise for bids later this year while there are still good construction prices. Mr. Etheridge stated that the Authority advertised and received bids for Phase I to replace ninety eight hundred (9,800) feet of 16" water main with 24" water main. Mr. Etheridge stated that it is his recommendation that this bid be awarded to the low bidder, Reynolds, Inc. for the bid amount of two hundred seventy six thousand eight hundred thirty eight dollars and seventy five cents (\$276,838.75). Mr. Etheridge stated this bid is approximately thirty dollars (\$30) per foot for labor, supervision, equipment and miscellaneous materials and is an excellent bid price. Mr. Etheridge stated that the Authority would provide all water main materials. Mr. Etheridge stated that Reynolds, Inc. bid also included a zero amount for rock, which means that if rock is encountered there will be no additional cost for rock excavation. There was discussion concerning this information.

Clayton County Water Authority  
Hooper 24" Line – Phase 1  
Bid Tabulation Sheet  
**June 2001**

BIDDER	TOTAL BID
<b>Reynolds, Inc.</b> 121 Roberts St. Fairburn, GA 30213	<b>\$276,838.75</b>
<b>Gary's Grading &amp; Pipeline Co., Inc</b> 7434 Hwy 81 Monroe, GA 30656	\$283,907.50
<b>Gordy Construction Co.</b> P.O. Box 4 Columbus, GA 31902	\$309,720.00
<b>Huff Grading &amp; Pipeline Co., Inc.</b> 117-B Commerce Drive Dallas, GA 30132	\$341,050.00

<b>Ronny D. Jones Enterprises, Inc.</b> 315 Millard Farmer Industrial Blvd. Newnan, GA 30263	\$372,712.12
<b>MacBa Sewer &amp; Pipeline, Inc.</b> 117 Park West Drive McDonough, GA 30253	\$382,147.50
<b>Andrews Excavation, Inc.</b> 112 Simpson Mill Road McDonough, Ga 30252	\$444,240.00
<b>Mid-South Builders, Inc.</b> 7057 Maddox Road Lithonia, GA 30058	\$528,018.00
<b>Ruby-Collins, Inc.</b> P.O. Box 2476 Smyrna, GA 30081	\$774,395.00

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<b>Strack, Inc.</b> 125 Laser Industrial Blvd. Fairburn, GA 30213	No Bid
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CCWA Staff recommends that this bid be awarded to the low bidder, Reynolds, Inc. in the amount of \$276,838.75 for labor, supervision, equipment and miscellaneous materials. CCWA will provide all water main materials.

Upon Motion by Lloyd Joiner and seconded by Alan Horton it was unanimously

**RESOLVED:** to accept the low bid from Reynolds, Inc. to furnish labor, supervision, equipment and miscellaneous materials for the W.J. Hooper Phase I project to replace approximately ninety eight hundred feet (9,800) of 16" water main with 24" water main with a bid price of two hundred seventy six thousand eight hundred thirty eight dollars and seventy five cents (\$276,838.75), contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Mr. Etheridge gave the Board information concerning a water main and storm drain conflict in Henry County. Mr. Etheridge used a map to show the location on Millers Mill Road between the Authority's W.J. Hooper WPP and Highway 155 of a Henry County storm drain and a 30" raw water main that belongs to the Authority. Mr. Etheridge stated that the Henry County storm drain is in disrepair and needs to be upsized. Mr. Etheridge stated, that in order for Henry County to repair their storm drain, the Authority's 30" raw water main needs to be lowered. Mr. Etheridge stated that the Authority's 30" raw water main carries water from the Authority's Garner Pump Station to the W.J. Hooper WPP and is very seldom used. Mr. Etheridge stated that specialized materials would be required for the Authority to lower this 30" raw water main because it is concrete. Mr. Etheridge stated that after meeting with Henry County it was determined that the cost to the Authority would be less if the Authority installed the 48" storm drain

under the Authority's water main. Mr. Etheridge distributed copies of a cost estimate comparing the cost, to the Authority, of each of these projects. Mr. Etheridge stated that Tom Davidson & Sons is under annual contract with the Authority and will install the 48" storm drain under the Authority's water main for an estimated cost of twelve thousand three hundred six dollars and twenty-four cents (\$12,306.24). Mr. Etheridge stated that this is a much better alternative for the Authority and will save the Authority approximately twenty one thousand dollars (\$21,000) over the cost of lowering the Authority's 30" raw water main. There was discussion concerning this information.

**Clayton County Water Authority  
30" Raw Water Main/Storm Drain Conflict**

**Cost Estimate to Lower Main:**

Inventoried Materials	\$22,220.00
Non-Inventoried Materials	\$6,300.00
Contracted Services	\$500.00
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Labor	\$2,000.00
Benefits/Overhead	\$1,571.00
Equipment	\$1,000.00
Fuel	\$150.00
<b>Total</b>	<b>\$33,741.00</b>

**Cost Estimate to Install 48" Storm Drain Under the Authority's Water Main:**

Non-Inventoried Materials	\$3,000.00
Contracted Services	\$9,000.00
Labor	\$150.00
Benefits/Overhead	\$117.84
Equipment	\$28.40
Fuel	\$10.00
<b>Total</b>	<b>\$12,306.24</b>

Forklift Bid: Chairman McQueen called on Neal Wellons, Manager of Water Reclamation, who stated that the Authority advertised and received bids for a 5,000 lb. forklift. Mr. Wellons stated that this forklift would be used at the Authority's Northeast WRF to move chemicals to different locations in the plant and to move the spare dumpsters that are used to collect screenings and grease from the wastewater. Mr. Wellons stated that six companies were invited to bid but only two of these companies submitted bids. Mr. Wellons stated that it is his recommendation that the low bid from Briggs Equipment be accepted with a bid price of nineteen thousand seven hundred ninety three dollars (\$19,793), which includes the option of a safety cage, for a Yale GDP050RG forklift. There was discussion concerning this information.

Bid Tabulation Sheet  
June 2001

BIDDER	TOTAL BID	MAKE/MODEL	OPTION
<b>Lift Systems of Georgia</b> 3185 Moreland Avenue Conley, GA 30288	\$19,850.00	Nissan JP50D	\$379.00
<b>Atlanta Forklifts, Inc.</b> 3111 E. Ponce de Leon Ave. Scottsdale, GA 30079	No Bid Returned		
<b>Burch-Lowe</b> 5710 Riverview Road Mableton, GA 30126	"No Bid"		
<b>Stith Equipment Co., Inc.</b> P.O. Box 20677 Atlanta, GA 30320	No Bid Returned		
<b>Briggs Equipment</b> 4780 Mendel Court, SW Atlanta, GA 30336	<b>\$19,298.00</b>	<b>Yale GDP050RG</b>	<b>\$495.00</b>

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<b>Yancey Brothers</b> 300 Lee Industrial Blvd. Austell, GA 30168	"No Bid"		
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Upon Motion by Lindy Rogers and seconded by Marie Barber it was unanimously

RESOLVED: to accept the low bid from Briggs Equipment with a total bid price of nineteen thousand seven hundred ninety three dollars (\$19,793), which includes the option of a safety cage, for a Yale GDP050RG forklift.

Industrial Surcharge Recommendation: Chairman McQueen called on Neal Wellons, Manager of Water Reclamation, who gave the Board information on the Authority's industrial surcharge program. Mr. Wellons stated that representatives from the different industries in the county were invited to attend the board meeting. Mr. Wellons stated that he would like to welcome these representatives and would be glad to answer any questions they may have. Mr. Wellons discussed the reasons why it is necessary for the Authority to have an industrial surcharge program. Mr. Wellons stated that the Authority's water reclamation plants are designed to treat a standard level and strength of wastewater. Mr. Wellons stated that some industries put out much higher levels of wastewater than the standard levels. Mr. Wellons stated that each industry could choose to have their own wastewater pretreatment system at their facility. Mr. Wellons stated that this pretreatment would allow the industry to clean up their discharged waste to a standard level or less. Mr. Wellons stated that this would eliminate the Authority's industrial surcharge for this industry. Mr. Wellons stated that if an industry does not choose to have complete or partial pretreatment at their facility then

they would have to pay the Authority for the additional cost of treating their industrial waste. Mr. Wellons discussed the following information that was distributed to Board members. Mr. Wellons asked the Board to approve setting up new industrial surcharge rates, on the first day of January of each year, based on using the Authority's latest financial report and the methodology developed by CH2M Hill. Mr. Wellons stated that he would like to also include that ammonia and phosphorus surcharges, changes in fats, oil and grease limits, narrowing of pH range and limits on chlorine be initiated after the new W.B. Casey WRF comes on line. There was discussion concerning this information. Mr. Wellons stated that he would update the Board the first of each year on changes to the Authority's industrial surcharge.

### **CCWA INDUSTRIAL SURCHARGE PROGRAM**

#### **History:**

1990 – CCWA instituted an industrial surcharge program for wastewater stronger than domestic levels; the charge was \$0.10 per lb. of BOD and/or TSS over 250 mg/l. The charge was based on direct cost to treat wastewater at the Authority's W.B. Casey WRF.

1998 – CCWA raised the surcharge rate to \$0.16 per lb. of BOD and/or TSS over 250 mg/l. The charge was again based on direct cost to treat wastewater at the Authority's W.B. Casey WRF.

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2000 – CCWA proposed new surcharge rate of \$0.23 per lb. of BOD and/or TSS over 250mg/l. This charge was based on FY 2000 total cost to treat wastewater at CCWA. The Clorox Company challenged this rate and the method used to calculate it. CH2M Hill was hired to do a surcharge program study and results of the study were used for this proposal.

#### **Proposal:**

CCWA will set new surcharge rates each year, on the first day of January, based on the methodology developed by CH2M Hill using the latest financial report. Ammonia and phosphorus surcharges, changes in fats, oil and grease limits, narrowing of pH range and limits on chlorine will be initiated after the new W.B. Casey WRF comes on line.

The current surcharge would increase to \$0.43 per lb. of BOD and \$0.57 per lb. of TSS based on FY 2000 data.

Upon Motion by Alan Horton and seconded by Lloyd Joiner it was unanimously

**RESOLVED:** to approve setting up new industrial surcharge rates on the first day of January of each year based on using the latest Authority financial report and the methodology developed by CH2M Hill to include that ammonia and phosphorus surcharges, changes in fats, oil and grease limits, narrowing of pH range and limits on chlorine to be initiated after the new W.B. Casey WRF comes on line.

Shamrock & J.W. Smith Community Use Building Recommendation:

Chairman McQueen called on Wade Brannan, General Manager to give the Board information concerning raising rental rates for the Authority's Shamrock/Blalock and J.W. Smith Community Use Buildings (CUB's). Mr. Brannan stated that Dennis Hammock, Manager of Land Management, along with his staff do an excellent job of taking care of and making these two facilities available to the public. Mr. Brannan stated that there are problems associated with the Authority renting these facilities to the public. Mr. Brannan stated that some of the problems are abuse of these facilities and failure to clean them up after they have been used for a function. Mr. Brannan stated that even with the recommended public rental rate increase that Mr. Hammock believes the Authority's rental rates are still considerably lower than other facilities of equal quality. Mr. Brannan called on Mr. Hammock who gave the Board information on the history of the Authority's CUB's which included the history of the rental rates for these facilities. Mr. Hammock stated that with the rental rates that the Authority is now charging for these facilities the Authority is losing money. Mr. Hammock discussed the recommended CUB rental rate increases shown in the information below that was distributed to Board Members. Mr. Hammock stated that he is proposing a one hundred dollars (\$100) additional rental fee increase for each facility and one hundred dollars (\$100) additional clean up and security deposit increase for each facility. Mr. Hammock stated that in the past the Authority offered a special half-day rental rate. Mr. Hammock stated that it is his recommendation that the Authority no longer offer a special discount rate for a half-day rental and that both of the Authority CUB's will only be rented at the full day rental rate. There was discussion concerning this information.

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**LAND MANAGEMENT DEPARTMENT**

<b>CUB RATE INCREASE RECOMMENDATIONS</b>			
<b>FACILITY</b>	<b>ITEM</b>	<b>EXISTING FEE</b>	<b>PROPOSED FEE</b>
<b>SHAMROCK CUB</b>	<b>DOMESTIC RATE</b>	\$300.00	\$400.00
	CLEANUP DEPOSIT	\$100.00	COMPLIANCE DEPOSIT = \$300.00
	SECURITY DEPOSIT	\$100.00	
	<b>TOTAL</b>	<b>\$500.00</b>	<b>\$700.00</b>
	½ DAY ADJOINING RENTAL	\$75.00	\$400.00 IN ADVANCE TO RESERVE
			\$200.00 / ½ DAY IF OPEN WITHIN 24 HOURS
	<b>BUSINESS RATE</b>	\$200.00	\$200.00
	COMPLIANCE DEPOSIT	\$50.00	\$50.00

	<b>TOTAL</b>	<b>\$250.00</b>	<b>\$250.00</b>
<b>FACILITY</b>	<b>ITEM</b>	<b>EXISTING FEE</b>	<b>PROPOSED FEE</b>
<b>J.W. SMITH CUB</b>	<b>DOMESTIC RATE</b>	\$100.00	\$200.00
	CLEANUP DEPOSIT	\$50.00	COMPLIANCE DEPOSIT = \$200.00
	SECURITY DEPOSIT	\$50.00	
	<b>TOTAL</b>	<b>\$200.00</b>	<b>\$400.00</b>
			\$200.00 IN ADVANCE TO RESERVE
	½ DAY ADJOINING RENTAL	\$50.00	\$100.00 / ½ DAY IF OPEN WITHIN 24 HOURS
	<b>BUSINESS RATE</b>	\$100.00	\$100.00
	COMPLIANCE DEPOSIT	\$50.00	\$50.00
	<b>TOTAL</b>	<b>\$150.00</b>	<b>\$150.00</b>

Upon Motion by Marie Barber and seconded by Lindy Rogers it was unanimously

**RESOLVED:** to approve the recommended rental rate increases, for any future bookings at the Authority's Shamrock/Blalock and J.W. Smith Community Use Buildings (CUB's), of one hundred dollars (\$100) additional rental fee increase for each

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facility and one hundred dollars (\$100) additional clean up and security deposit increase for each facility and that the Authority will no longer offer a special discount rate for a half-day rental and that both of the Authority's CUB's will only be rented at the full day rental.

Upon Motion by Lindy Rogers and seconded by Alan Horton it was unanimously

**RESOLVED:** that the new rate increase for both of the Authority's Community Use Buildings will be effective on July 6, 2001.

Northeast WRF Filter Bid: Chairman McQueen called on Mike Buffington, Program Manager, who gave an informational slide presentation on the Authority's Northeast WRF Improvements. This informational slide presentation included information concerning additional aeration capacity and filtration equipment. Mr. Buffington discussed the following information that was distributed to Board Members. Mr. Buffington stated that it is his recommendation that the contract to supply the

Northeast WRF filter equipment be awarded to the low bidder Schreiber Corporation for the bid price of five hundred fifty thousand dollars (\$550,000). There was discussion concerning this information with questions. Mr. Buffington answered questions and gave additional information.

### **IMPROVEMENTS TO NORTHEAST WRF FILTRATION AND AERATION**

New effluent filters and additional aeration capacity will be added to the existing 6.0 MGD Northeast WRF to improve wastewater treatment operations and to insure compliance with a lower discharge limit for total phosphorus. Modular effluent filters will be installed to replace the existing worn and less efficient traveling bridge sand filters. Additional fixed diffusers will be installed in the aeration basins and blowers will be relocated from the existing composting facility.

Equipment will be purchased by the Water Authority and installed by Water Authority forces. Aeration equipment has been delivered and installation work has started. Pilot filter units from three manufacturers were tested at the plant and two of the manufacturers completed a successful test program. Water Authority staff prepared bid documents and advertised the project. Cost proposals were received July 3, 2001 to furnish the modular filter equipment. The cost proposals received, along with pilot filter data, will be evaluated to determine the filter most beneficial to the Water Authority, and a recommendation will be made to the Water Authority Board.

Cost proposals for modular filters were received from Schreiber Corporation, Inc. and Aqua-Aerobics Systems, Inc. Attached is a tabulation of proposals received.

**Project Manager:** Clayton County Water Authority – Mike Buffington

**Budget Amount – Aeration and Filtration Equipment and Installation:** \$1,050,000

**Funding:** Series 2001 Bond Issue  
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### **SUMMARY – NORTHEAST WRF IMPROVEMENTS**

<b>▪</b>	<b>Project Cost:</b>	
▪	Aeration equipment including installation	\$ 78,500
▪	Filtration equipment including installation	\$ 880,000
	Total Projected Cost	\$ 958,500
<b>▪</b>	<b>Amount in Bond Issue</b>	<b>\$1,200,000</b>

### **CLAYTON COUTNY WATER AUTHORITY NORTHEAST WRF FILTER EQUIPMENT TABULATION OF BIDS RECEIVED**

**Bids Received:** July 3, 2001, 10:00 AM, Local Time

**Bidder****Lump Sum Bid**

**Schreiber Corporation, Inc.**  
100 Schreiber Drive  
Trussville, Alabama 35173

**\$ 550,000.00**

**Aqua-Aerobic Systems, Inc.**  
6306 N. Alpine Road  
Rockford, Illinois 61111

**\$ 743,524.00**

Upon Motion by Lindy Rogers and seconded by Alan Horton it was unanimously

RESOLVED: that the contract to supply the Northeast WRF filter equipment be awarded to the low bidder Schreiber Corporation for the bid amount of five hundred fifty thousand dollars (\$550,000), contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Inman Road Constructed Wetlands Bid: Chairman McQueen called on Mike Thomas, Manager of Program Management & Engineering, who stated that the Authority received bids for the Inman Road Constructed Wetlands. Mr. Thomas gave an informational slide presentation on what will be involved in the construction of the Authority's Constructed Wetlands. Mr. Thomas discussed the following information that was distributed to Board Members. Mr. Thomas stated that he along with the staff of CH2M Hill recommend that the contract for the construction of the Inman Road Constructed Wetlands be awarded to the low bidder Gary's Grading & Pipeline Company, Inc. with a bid of four million nine hundred nineteen thousand seven hundred forty one dollars and eighty cents (\$4,919,741.80). There was discussion concerning this information with additional questions concerning the construction of the constructed wetlands and the function of the wetlands. Mr. Thomas answered questions and gave additional information.

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### **SHOAL CREEK (INMAN ROAD) WETLANDS CONSTRUCTION BIDS**

The shoal Creek Inman Road wetlands will receive treated wastewater from the new Shoal Creek WRF. After passing through the wetlands and receiving additional treatment, the wetlands effluent will be pumped to the Shoal Creek reservoir to supplement our raw water supplies. The treated wastewater from the Shoal Creek WRF will be pumped to the wetlands site and split into three separate flow paths. This will allow us flexibility to shut down a group of wetland cells for maintenance if needed. This project includes the development of 22 constructed wetlands treatment cells covering an area of over 55 acres, thousands of linear feet of berms with gravel roads, a submersible pump station, electrical and storage building, 3.200 ft. of 24 " force main and the piping between cells.

COMSTRUCTION ESTIMATE: \$5,518,000.

FUNDING SOURCE: Series 2000 & 2001 Bonds;

**Clayton County Water Authority  
Inman Road Constructed Wetlands  
Pre-Qualification Contractors  
Bid Tabulation Sheet  
May 2001**

CONTRACTOR	BID
<b>Earth Tech</b> 2161 Newmarket Parkway, Suite 262 Marietta, Georgia 30067	NO BID
<b>Reynolds, Inc.</b> 121 Roberts Street Fairburn, Georgia 30212	\$5,443,000.00
<b>Gilbert Southern Corporation</b> 450 Dividend Drive Peachtree City, GA 30269-1906	NO BID
<b>Ruby-Collins, Inc.</b> 4806 Wright Drive Smyrna, Georgia 30082	NO BID
<b>Southern Champion Construction, Inc.</b> 3897 Stephens Court Tucker, Georgia 30084	\$5,072,000.00
<b>Alcon General Contractors</b> 2593 Kennesaw Due West Road Suite 100 Kennesaw, GA 30144-3500	\$5,377,700.00
<b>Gary's Grading &amp; Pipeline Co., Inc.</b> 7324 Hwy. 81 Monroe, GA 30656	<b>\$4,919,741.80</b>

**Recommendation:** CCWA and CH2M Hill (see attached letter) staff recommends that this contract be awarded to the low bidder, **Gary's Grading & Pipeline Co., Inc.**

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Upon Motion by Lloyd Joiner and seconded by Marie Barber it was unanimously

**RESOLVED:** that the contract for the construction of the Inman Road Constructed Wetlands be awarded to the low bidder Gary's Grading & Pipeline Company, Inc. for the bid amount of four million nine hundred nineteen thousand seven hundred forty one dollars and eighty cents (\$4,919,741.80), contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Shoal Creek (Inman Road) Wetlands Force Main Phase I Bid: Chairman McQueen called on Mike Thomas, Manager of Program Management & Engineering, who stated that the Authority received bids for the installation of the Inman Road Wetlands Force Main Phase I. Mr. Thomas gave an informational slide presentation on the purpose of the Inman Road Wetlands force main, using a map to show where the force main would be installed. Mr. Thomas discussed the following information that was distributed to Board Members. Mr. Thomas stated that the Authority would provide materials for this project at an estimated cost of three hundred twenty five thousand dollars (\$325,000). Mr. Thomas stated that it is his recommendation that the contract to install the Inman Road Wetlands Force Main Phase I be awarded to the low bidder Mid-South Builders, Inc. with a bid of one hundred twelve thousand dollars (\$112,000). There was discussion concerning this information and that the Authority's master plan budgeted amount for the installation of the Inman Road Wetlands force main includes the cost of materials and labor for both Phase I and II.

**SHOAL CREEK (INMAN ROAD) WETLANDS  
FORCE MAIN – PHASE I BIDS**

This force main will transport treated wastewater from the Shoal Creek WRF to the constructed wetlands at Inman Road. This project consists of 9,000 feet of 24" ductile iron force main and a cross connection with the existing force main that pumps treated wastewater from the existing Shoal Creek WRF to the land application site. This cross-connection will allow us to utilize the existing pump station until the new station is completed or allow us to perform maintenance on one station will the other is used. CCWA will provide all pipe and associated fittings and valves; the contractor will provide labor and miscellaneous construction materials such as erosion control materials.

**MASTER PLAN BUDGET:** \$2,300,000 is allocated for the Phase I and Phase II force mains

**FUNDING SOURCE:** Series 2000 Bonds

Clayton County Water Authority  
Shoal Creek WRF Effluent Force Main – Phase 1  
Bid Tabulation Sheet  
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BIDDER	TOTAL BID
<b>Mid-South Builders, Inc.</b> 7057 Maddox Road Lithonia, GA 30058	<b>\$112,000.00</b>
<b>Gordy Construction Co.</b> P.O. Box 4 Columbus, GA 31902	<b>\$118,444.00</b>

<b>Huff Grading &amp; Pipeline Co., Inc.</b> 117-B Commerce Drive Dallas, GA 30132	\$123,740.00
<b>Gary's Grading &amp; Pipeline Co., Inc.</b> 7434 Hwy 81 Monroe, GA 30656	\$128,862.00
<b>Ronny D. Jones Enterprises, Inc.</b> 315 Millard Farmer Industrial Blvd. Newnan, GA 30263	\$133,638.32
<b>Strack, Inc.</b> 125 Laser Industrial Blvd. Fairburn, GA 30213	\$140,602.12
<b>Reynolds, Inc.</b> 121 Roberts St. Fairburn, GA 30213	\$159,074.00
<b>MacBa Sewer &amp; Pipeline, Inc.</b> 117 Park West Drive McDonough, GA 30253	\$165,381.60
<b>Andrews Excavation, Inc.</b> 112 Simpson Mill Road McDonough, Ga 30252	\$247,042.40
<b>Hall Construction</b> 670 Hall Road Hampton, GA 30228	\$288,252.40
<b>Ruby-Collins, Inc.</b> P.O. Box 2476 Smyrna, GA 30081	No Bid

**Recommendation:** CCWA staff recommends that this contract be awarded to the low bidder, **Mid-South Builders, Inc.**

Upon Motion by Lindy Rogers and seconded by Robbie Moore it was unanimously

RESOLVED: that the contract for the installation of the Inman Road Wetlands Force Main Phase I be awarded to the low bidder Mid-South Builders, Inc. for the bid amount of one hundred twelve thousand dollars (\$112,000), contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Rum Creek Sewer Extension: Chairman McQueen called on Wade Brannan, General Manager, who used a map to show the location of a 26-acre proposed

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development north of North McDonough Street and Hwy 138 spur. Mr. Brannan stated that at this time the Authority does not have sewer service in this area. Mr. Brannan stated that he received a request asking if the Authority would consider participating with the developer in extending a gravity sewer line to this proposed development. Mr.

Brannan gave the Board information on what was determined by the Authority's personnel and developer to be the best and most cost effective way to furnish sewer service to this proposed development area. Mr. Brannan discussed the following information that was distributed to Board Members. Mr. Brannan gave the Board information on how the installation of this gravity sewer line could benefit the Authority in the future. Mr. Brannan stated that should the Authority's lift station at Government Circle ever reach capacity then the Authority could access this gravity flow sewer line and discontinue the use of this lift station. Mr. Brannan stated that the county plans to expand their county complex that is located in this area and expressed an interest in having sewer service available in this area. Mr. Brannan stated that he is bringing this request to the Board for their consideration. Mr. Brannan stated that the Authority, county and the developer all have an interest in the Authority participating in the cost of two hundred forty thousand dollars (\$240,000) to install 3,600 linear feet of gravity sewer line. Mr. Brannan introduced Tim Tittle and stated that Mr. Tittle is the developer of this property. Mr. Tittle answered questions concerning the type of development he is planning for this 26-acre development. There was discussion concerning this information. Mr. Brannan stated that in the past, when it was beneficial to the Authority, the Board approved for the Authority to participate with the developer by paying half of the required cost. There was discussion concerning this information and the possibility of other development in this area participating in the cost of this project.

RUM CREEK OUTFALL EXTENSION  
REEVES ROAD SITE  
SANITARY SEWER PRELIMINARY ESTIMATE

<u>8" GRAVITY SEWER</u>	<u>ESTIMATED COST</u>
Approximately 3,600 L.F. with one road bore (\$65.) per foot)	\$234,000.00
Approximately Five Easements	\$6,000.00
<b>ESTIMATED TOTAL</b>	<b>\$240,000.00</b>

ESTIMATED LENGTH OF PROJECT

<u>PROPERTY</u>	<u>FOOTAGE</u>	<u>PERCENTAGE</u>
County	1490	42.00%
Offsite	2000	55.00%
Road Bore	110	3.00%
<b>TOTAL</b>	<b>3600</b>	<b>100%</b>

Upon Motion by Lindy Rogers and seconded by Alan Horton it was unanimously

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**RESOLVED:** to approve the Authority participating with the developer in paying half of the cost associated with the installation of a 3,600 linear feet of gravity sewer line

not to exceed one hundred twenty thousand dollars (\$120,000), the developer will pay all cost associated with rock excavation and engineering cost and the Authority will assist with the easement acquisition and will do the construction oversight and building process. This motion passed with Robbie Moore abstaining from the vote because of his current affiliation with Mr. Tittle.

Codification of Policies: Chairman McQueen called on Steve Fincher, Attorney for the Board, who stated that he would like to discuss the Authority's codification of board policies. Mr. Fincher gave the Board information on why it is important to the Authority to proceed with whatever method necessary to initiate the Authority's codification of board policies. Mr. Fincher stated the Authority board policies are spread throughout the minutes of the past forty years. Mr. Fincher stated that the Authority's board policies need to be in one central location so that when it becomes necessary to adopt or change a policy the existing policies can be consulted. There was discussion concerning this information and what method should be used in gathering and organizing the Authority's policies. Mr. McQueen requested that Mr. Fincher along with the Authority's staff look into the best and most feasible way of doing the codification of the Authority board policies and bring a recommendation back to the Board.

Lindy Rogers left the board meeting at this time.

Health Insurance Update: Mr. Joiner stated that he is abstaining from any discussion concerning employee health insurance because his son Michael Joiner and son-in-law Terry Starr work for Starr Insurance Agency. Chairman McQueen called on Wade Brannan, General Manager, who stated that the Authority has encountered a number of problems with the current employee health insurance provider, HealthCare Inc. Mr. Brannan stated that one of the problems is the loss of health care providers, which has affected over one hundred twenty (120) Authority employees. Mr. Brannan stated that he along with other Authority staff contacted Mr. Greene and Mr. Moore to discuss employee health insurance options. Mr. Brannan stated that the county was also contacted in order to obtain information about their self funded employee health insurance plan and if it would be beneficial to the Authority to join their health insurance plan. Mr. Brannan stated that the county was unable, at this time, to give the Authority information on what the rates would be for the Authority's employees to participate in the county's health insurance plan.

Mr. Brannan stated that he would like for the Board to authorize the staff, using the current employee health insurance coverage as a guideline, to solicit quotes directly from insurance providers. Mr. Brannan stated that the information received would be brought back to the Board at the September board meeting. There was discussion concerning this information and the request for the Authority to solicit quotes directly

from insurance providers. It was the Board's consensus that the Authority solicits employee health insurance quotes directly from insurance providers and that this information be brought back to the Board at the September board meeting.

Chairman McQueen stated that he would entertain a motion for the Board to go into executive session to discuss acquisition of land.

Upon Motion by Marie Barber and seconded by Robbie Moore it was unanimously

RESOLVED: that the Board adjourns into executive session, the Board reserved the right to return to the open session.

Chairman McQueen called the regular Board meeting back into open session.

Mr. Brannan discussed the job salary comparison that was conducted by the Authority's Human Resources Section. Mr. Brannan stated that the salary comparison showed that the salaries for the Authority employees in the water and sewer service mechanic positions are considerably lower than other county water and sewer municipalities in the metropolitan Atlanta area. Mr. Brannan stated that it is his opinion that the Authority should make adjustments to the salaries of the Authority employees in these positions. There was discussion concerning this information and the number of employees in the water and sewer service mechanic positions that would be affected by this salary adjustment. There was discussion concerning how this salary adjustment would be implemented and what affect this salary adjustment would have on other levels of the water and sewer service mechanic positions. Mr. Brannan stated that he along with Mr. Durham, Human Resources Director, would look at how this salary adjustment would affect all of the water and sewer service mechanic positions, the number of employees that would be included in a salary adjustment and what the cost to the Authority would be. Mr. Brannan stated that he would bring this information back to the Board at the next board meeting.

Mr. Fincher stated that the Authority does not have a policy governing how the Authority participates with developers in sewer line installation projects. Mr. Fincher stated that it is his opinion that the Board should put some thought into creating such a policy. There was a general discussion concerning how the creation of such a policy may or may not benefit the Authority, with Board Members and Management expressing their concerns and recommendations. It was the request of the Board that Mr. Fincher along with Mr. Brannan and Mr. Hicks create a draft policy governing how the Authority participates with developers in sewer line installation projects and bring this information back to the Board for their consideration.

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Mr. Brannan stated that he received a letter informing him that Seefried Properties would pay for all the rock excavation associated with the Mountain View project.

There being no further business to come before the open meeting the meeting was adjourned.

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Pete McQueen, Chairman

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H. Lindy Rogers, Secretary/Treasurer