

## CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road  
Morrow, Georgia 30260

Regular Board Meeting May 4, 2000

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

Present at the meeting were: Chairman, Joe T. Lane, Vice Chairman, Donald E. Whitman, Secretary/Treasurer, H. Lindy Rogers, Board Members, Pete McQueen, Lloyd B. Joiner and Marie Barber, General Manager, M. Wade Brannan, Deputy Manager, Terry R. Hicks, Department Managers, Frank Conort, Neal Wellons, Dennis Hammock, Gary Howe, Herbert Etheridge, Jr., Guy Pihera and Richard Calhoun, Project Managers, Mike Thomas & Mike Buffington, Executive Secretary, Patricia Groover, GIS Coordinator, Bruce Taylor, Assistant to Manager of Administration, Karen Riser, Human Resources Director, Ed Durham, Human Resources Coordinator, Darlene West, Information Specialist, Andy Wells, Utility Clerk, Joyce Foster, Administrative Secretary, Dianne Hammock, Data Processing Supervisor, Rodney Crowell, Programmer Analyst, Angie Nalley, Water Quality Supervisor, Eric Osborne, JW Smith WPP Plant Supervisor, Barry Brand, Building Projects Supervisor, Tony Ferrari, Water Maintenance Foreman, Todd Pence, Wastewater Lab Supervisor, Jim Poff, Sewer Service Mechanic Crew Leader, James Drake, Water Service Mechanic Crew Leader, Andy Nisoff, Meter Reading & Repair Supervisor, Steve Dooley, Meter Reading & Repair Personnel, Deanna Bell, Brian Montgomery, Suzanna Mitchell, Ed Johnson, Kenneth Davis, Keith Lowry, Lisa Daniel, George Porter, Daniel Salmons and Towanna Scott. Also present were: Greg Hecht, Fincher & Hecht, L.L.C., Rick Hirsekorn, Bob Vilker, Reggie Peagler, Michael Taylor, Skip Martin and Sarah Bernier, of CH2M Hill, Chris Wood, of Jim Wood & Associates Public Relations, Marcia Bost, The Clayton Review, Cheryl Slough, Clayton News Daily, Visitors, Joshua Brown, Student at Point South Middle School, Mr. & Mrs. Brown and daughter, Parents and sister of Joshua Brown, Ms. Stephanie Pain, Teacher at Point South Middle School and Curtis Boswell, District III Director for the Georgia Water & Pollution Control Association.

Chairman Lane called on Joyce Foster, Utility Clerk, to give the invocation.

Chairman Lane called for any omissions or additions to the minutes of the regular and executive Board meeting on April 6, 2000, hearing none the minutes were approved as presented.

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

Awards & Recognition: Chairman Lane called on Neal Wellons, Manager of Water Pollution Control, to present the Clayton County Science Fair Award. Mr. Wellons  
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gave the Board information about the Clayton County Science Fair and stated that each year at the Science Fair that the Authority presents an award for a water related project. Mr. Wellons introduced Jim Poff, Wastewater Lab Supervisor, and stated that Mr. Poff was this year's coordinator for the Science Fair. Mr. Wellons called on Mr. Poff who stated that he would like to introduce this year's winner of the CCWA Science and Engineering Award, Joshua Brown who is a student at Point South Middle School. Mr. Poff stated that the title of Joshua's winning presentation was Fertilizer and it's Link to Unification. Mr. Poff stated that Joshua, Honors Program Science Teacher, Ms. Pain, his parents and younger sister, accompanied Joshua to the Board meeting.

Chairman Lane called on Guy Pihera, Manager of Water Production, who introduced Curtis Boswell, District III Director for the Georgia Water & Pollution Control Association (GW&PCA), who stated that Mr. Boswell has a presentation to make to one of the Authority's Water Production employees. Mr. Boswell gave the Board information about the GW&PCA Top Operator Award (TOP OPS Award). Mr. Boswell stated that this is the second year that he has had the pleasure of presenting this award to one of the Authority's employees. Mr. Boswell stated that it is with great pleasure to present the TOP OPS Award for the top operator for district III, to Barry Brand, Supervisor of the J.W. Smith Water Production Plant.

Mr. Pihera stated that at the GW&PCA Spring Conference the Authority was recognized, in the large system category, for creating the best Consumer Confidence Report in the State. Mr. Pihera stated that last year was the first year that the Authority was required by the State to create and distribute copies of the Consumer Confidence Report to our customers. Mr. Pihera stated that fifty eight thousand copies were sent to all of the Authority's customers in their water bill, delivered to all residents in apartment complexes, published on the Authority's website and in newspapers. Mr. Pihera introduced Eric Osborne, Water Quality Supervisor and Andy Wells, Information Specialist and stated that he would like to give recognition to these two employees who were responsible for creating the Consumer Confidence Report for the Authority.

Chairman Lane called on Frank Conort, Manager of Administration, to give recognition to the Meter Reading and Repair Section. Mr. Conort stated that he would like for the employees of the meter reading and repair section to come forward and be recognized. Meter reading and repair employees who attended the Board meeting were Steve Dooley, Meter Reading and Repair Supervisor, Deanna Bell, Brian Montgomery, Suzanna Mitchell, Ed Johnson, Kenneth Davis, Keith Lowry, Lisa Daniel, George Porter, Daniel Salmons and Towanna Scott. Meter reading and repair employees to receive recognition who were unable to attend the Board meeting were Randolph Roberts,

Rodney Whitt and Michael Polite. Mr. Conort stated that these employees go out and read meters in all kinds of adverse weather conditions and each employee reads a total of sixty-one hundred meters every month. Mr. Conort gave the Board information

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concerning the standards in percentage of errors used in recognizing these employees as excellent, average and poor meter readers. Mr. Conort stated that the majority of the Authority's meter readers are in the excellent percentage. Mr. Conort stated that what this means to the Authority is when our customers receive their water bills it is a correct bill. Mr. Conort presented Steve Dooley and the Meter Reading and Repair section framed pictures with written information honoring Mr. Dooley and the Meter Reading and Repair personnel.

Chairman Lane called on Terry Hicks, Deputy Manager, who stated that he would like to give reorganization to Darlene West, Human Resources Coordinator. Mr. Hicks gave the Board information about Mrs. West's work history with the Authority and stated that she has worked in the Human Resources Department for the past twelve years. Mr. Hicks stated that Mrs. West has worked for four different HR Directors and one Interim HR Director. Mr. Hicks stated that Mrs. West has a real ability to adapt to change and has been the glue that has held the HR department together during all of these changes. Mr. Hicks stated for the past four months Mrs. West has acted as the Interim HR Director while the Authority was in the process of searching for a new HR Director. Mr. Hicks stated that on behalf of the Management team and the Board he would like to thank Mrs. West for her hard work and dedication.

Chairman Lane called on Rodney Crowell, Data Processing Supervisor, who introduced Angie Nalley, Programmer Analyst, and stated that she is the employee who wrote the program, which predicts the Authority's meters that are failing to report correct water usage. Mrs. Nalley worked extensively with Mr. Etheridge and his staff getting information required in order to create this program.

Chairman Lane called on Herbert Etheridge, Manager of Maintenance and Construction, who introduced Todd Pence, Water Maintenance Foreman. Mr. Etheridge gave the Board information about Mr. Pence's work history with the Authority. Mr. Etheridge stated that he would like to give Mr. Pence recognition for passing the State Exam for Waste Water License and Collection System about six months ago and he just recently passed the State Exam for Water Distribution License. Mr. Etheridge stated that these exams are not easy to pass and it takes a lot of hard work and dedication to prepare yourself to take these exams and pass. Mr. Etheridge stated that he has five other employees who are preparing to take the State Exam for Water Distribution License and that Mr. Pence, on his own time, tutors these employees.

Chairman Lane stated that the GED classes are something that he is personally proud of and that the Board should be commended for providing these GED classes for the Authority's employees. Mr. Etheridge stated that he has several employees who are attending the GED classes provided by the Authority. Mr. Etheridge introduced Andy Nisoff, Water Service Mechanic Crew Leader, and stated that he would like to recognize

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Mr. Nisoff for being the first employee to pass the GED exam after attending the GED classes. Mr. Etheridge stated that he would like to also recognize James Drake who received his GED about two years ago by attending GED classes at night.

Chairman Lane called on Gary Howe, Manager of Engineering, who introduced James Drake, Sewer Service Mechanic Crew Leader, and stated that he would like to recognize Mr. Drake for passing the Sacramento Correspondence Course Volume I and II for Wastewater Operators. Mr. Howe stated that Sacramento Correspondence Course is in preparation for taking the State Certification Exam for Wastewater in July.

Customer Leak Notification Procedures: Chairman Lane called on Frank Conort, Manager of Administration, who gave the Board requested information concerning how the Authority notifies customers of a possible water leak when the customer has a higher than normal meter reading. Mr. Conort stated that after the Authority's meter reading personnel complete reading customers meters, this information is uploaded to the main computer. Mr. Conort stated that this computer performs an analysis which shows meters that are out of range and higher than normal. Mr. Conort stated that the Authority's billing section personnel then investigate any meter reading that shows up on this analysis run list. Mr. Conort stated that after the billing section personnel investigate this meter reading and it still does not look acceptable they send someone back out to reread this meter to be sure this is an accurate reading. Mr. Conort stated that after it has been determined that this is a correct meter reading then a bill is sent to the customer with this notice. "Please note that your use on this billing is higher than your normal use. Several factors cause high use, watering yards, filling swimming pools, etc. However, it can also be an indication that you have developed a leak either inside or outside your home. If you have any questions or need assistance, please call our Customer Service Department at 770-961-2130". Mr. Conort stated that the billing section personnel are very careful not to tell the customer that they do have a leak.

CCWA Industrial Surcharge: Chairman Lane stated that the CCWA Industrial Surcharge will be deferred until next month's Board meeting. (Wellons)

CCWA Septage Rate: Chairman Lane stated that the CCWA Septage Rate will also be deferred until next month's Board meeting.

Annual Materials Bids: (1) Ready Mix Concrete (2) Concrete Products (3) Asphalt & Concrete Sawing (4) Precast Manhole Products (5) Plant Mix Asphalt (6) Quarry Products Pick Up (7) Quarry Products Delivered: Chairman Lane stated that the Board is being asked to accept the low bidder on items one through seven unless the Board has specific questions that you would like to ask Mr. Etheridge. Chairman Lane called on Herbert Etheridge, Manager of Maintenance and Construction, who stated that he would like to request that the Board put in the motion that if the low bidder is unable

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to respond immediately that he can go to the second low bidder and on down the bid list until he gets a response. Mr. Etheridge stated that there were no bids returned for concrete products and he asked the Boards permission to extend the bid for another two weeks.

Clayton County Water Authority  
Annual Ready Mix Concrete  
Bid Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>Walker Concrete Co.</b> P.O. Box 2637 Stockbridge, GA 30281	\$120,205.75
<b>Allied Ready Mix</b> P.O. Box 728 Decatur, GA 30031	No Bid Returned
<b>Blue Cricle Concrete</b> 1800 Parkway Place S.E. Suite 1100 Marietta, GA 30067-8217	\$138,887.50
<b>Thomas Concrete of Georgia</b> 2700Cumberland Parkway Suite 500 Atlanta, GA 30339	\$127,800.00

Clayton County Water Authority  
Annual Concrete Products  
Bid Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>Leach Sand and Gravel, Inc.</b> 379 Lees Mill Road Forest Park, GA 30050	No Bid Returned
<b>Evans Sand &amp; Gravel, Inc.</b> 114 Quarry Road Stockbridge, GA 30281	No Bid Returned

<b>GMS Select Products</b> 1940 Highway 42 South McDonough, GA 30253	No Bid Returned
<b>Allied Ready Mix</b> P.O. Box 728 Decatur, GA 30031	No Bid Returned

Clayton County Water Authority  
Annual Asphalt and Concrete Sawing  
Bid Tabulation Sheet  
**May 2000**

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BIDDER	TOTAL BID
<b>Garner Concrete Sawing</b> P.O. Box 672 Forest Park, GA 30051	No Bid Returned
<b>ABC Concrete Sawing</b> 4864 Clark Howell Highway College Park, GA 30349-6068	\$44,837.50
<b>Dixie Concrete Cutting Co.</b> 5297 Port Blvd.South College Park, GA 30349	\$23,661.00

Clayton County Water Authority  
Annual Pre-cast Manhole Products  
Bid Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>Foley Products</b> 5526 Schatuga Road P.O. Box 7877 Columbus, GA 31908	\$7,850.00
<b>Cole Products</b> P.O. Box 666 Forest Park, GA 30051	\$7,150.00

Clayton County Water Authority  
Annual Plant Mix Asphalt  
Bid Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>Baldwin Paving Company, Inc.</b> 1014 Kenmill Drive Marietta, GA 30060	\$24,936.50

<b>Moore Brothers Paving</b> 54 Old Griffin Road Hampton, GA 30228	\$25,448.40
<b>Metro Matrials, Inc.</b> 1318 Henrico Road Conley, GA 30288	No Bid Returned
<b>Riverdale Paving, Inc.</b> 328 Lee's Mill Road Forest Park, GA 30050	\$26,970.00
<b>APAC – Georgia, Inc.</b> 218 Rockwood Road Tyrone, GA 30290	\$27,097.50

Clayton County Water Authority  
Annual Picked Up Quarry Products  
Bid Tabulation Sheet  
**May 2000**

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BIDDER	TOTAL BID
<b>Vulcan Materials Co.</b> S.E. Division P.O. Box 80730 Atlanta, GA 30366-0730	\$69,090.00
<b>Florida Rock Industries</b> 225 Lees Mill Road Forest Park, GA 30050	\$73,740.00

Clayton County Water Authority  
Annual Delivered Quarry Products  
Bid Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>Evans Sand and Gravel</b> 114 Quarry Road Stockbridge, GA 30281	No Bid Returned
<b>GMS Select Products</b> 125-B Industrial Park Circle Lawrenceville, GA 30045	No Bid Returned
<b>Concrete Supply</b> P.O. Box 113 Fayetteville, GA 30214	\$85,602.50
<b>Harris Walker Trucking</b> P.O.Box 803 Conley, GA 30027	\$96,970.00
<b>Greg Holland, Inc.</b> 100 Howell Avenue Fairburn, GA 30213	\$91,610.00

Upon Motion by Lindy Rogers and seconded by Lloyd Joiner it was unanimously

**RESOLVED:** To accept the low bid from Walker Concrete Co. with a bid price of one hundred twenty thousand two hundred five dollars and seventy five cents (\$120,205.75) to furnish the Authority with ready mix concrete, contingent upon approval of insurance as required by the specifications. To accept the low bid from Dixie Concrete Cutting Company with a bid price of twenty three thousand six hundred sixty one dollars (\$23,661) for asphalt and concrete sawing, contingent upon approval of insurance as required by the specifications. To accept the low bid from Cole Concrete with a bid price of seven thousand one hundred fifty dollars (\$7,150) for Pre-cast manhole products. To accept the low bid from Baldwin Paving Company, Inc. with a bid price of twenty four thousand nine hundred thirty six dollars and fifty cents (\$24,936.50) to furnish the Authority with plant mix asphalt, contingent upon approval of insurance as required by the specifications. To accept the low bid from Vulcan Materials Company with a bid price of sixty nine thousand ninety dollars (\$69,090) for the Annual Pick-up

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Quarry Products contract or Management be allowed to use their best judgment by ordering quarry products from the company that is located in the same proximity as the job site where crews are working. To accept the low bid from Concrete Supply with a bid price of eighty five thousand six hundred two dollars and fifty cents (\$85,602.50) for delivery of quarry products, contingent upon approval of insurance as required by the specifications. To approve the Manager's request that if any of the low bidders for annual materials is unable to respond immediately that he can go to the second low bidder and on down the bid list until he gets a response and approve a two week bid extension for annual concrete products.

HVAC Annual Service Proposals and Vehicle Maintenance Contract: Chairman Lane called on Richard Calhoun, Manager of General Services, who stated that he is asking the Board to accept the low bidder for the HVAC annual service proposal and vehicle maintenance contract.

Clayton County Water Authority  
Annual HVAC Maintenance Service  
RFP Tabulation Sheet  
**May 2000**

BIDDER	TOTAL BID
<b>All Weather Heating &amp; Air</b> 1565 Commercial Court Jonesboro, GA 30236	\$36,895.00
<b>Logan Heating &amp; Air Conditioning Co.</b> 2255 Hwy 42 North McDonough, GA 30253	\$47,703.00



<b>R. S. Andrews</b> 8049 Fairoaks Court Jonesboro, GA 30236	\$67,140.00
<b>Gilbreath Service Company</b> P.O. Box 1134 112 Hampton Street McDonough, GA 30253	No Proposal Returned
<b>Wright Brothers</b> P.O. Box 98 518 Speedway Blvd. Hampton, GA 30228	No Proposal Returned
<b>Hammond Services</b> 644 E. MacIntosh Road Griffin, GA 30223	No Proposal Returned
<b>Dell Air Conditioning</b> 4131 Old Dixie Highway Hapeville, GA 30354	\$38,796.00

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<b>Airco Heating &amp; Air</b> 9296 S. Main Street Jonesboro, GA 30236	No Proposal Returned
<b>Estes Heating &amp; Air Conditioning</b> 110 Southwest St. Atlanta, GA 30354	No Proposal Returned
<b>Johnson &amp; Johnson Services Heating</b> 8094 Picadilly Court Jonesboro, GA 30236	No Proposal Returned
<b>Keesee Heating &amp; Air Conditioning</b> 176 Covington Street McDonough, GA 30253	No Proposal Returned
<b>All Seasons Heating &amp; Air Conditioning</b> 1134 Highway 54 East Fayetteville, GA 30214	\$48,798.00
<b>Alliance Heating &amp; Air Conditioning</b> 1396 Commerce Drive #B Stockbridge, GA 30281	No Proposal Returned
<b>Maddox Heating &amp; Cooling</b> 6836 Highway 85 #1B Riverdale, GA 30274	No Proposal Returned
<b>Raymond Services, Inc.</b> 3465 Hamilton Blvd. Atlanta, GA 30354	\$58,320.00

**CLAYTON COUNTY WATER AUTHORITY  
FLEET WASHING PROPOSAL'S**

<b>Exceptional Services</b>		<b>Cozart Industries</b>		<b>Vic's Mobile Detailing</b>	
Vehicle Type	Unit Cost	Vehicle Type	Unit Cost	Vehicle Type	Unit Cost
Sedans, Small Pickups	\$5.00	Sedans, Small Pickups	\$13.00	Sedans, Small Pickups	\$14.00
Vans, F-Series, Dodge, Chevrolet and SUV's	\$6.50	Vans, F-Series, Dodge, Chevrolet and SUV's	\$13.00	Vans, F-Series, Dodge, Chevrolet and SUV's	\$14.00
Alum Tankers	\$13.00	Alum Tankers	\$15.00	Alum Tankers	\$25.00
Trailers	\$8.00	Trailers	\$15.00	Trailers	\$14.00
Tractors	\$9.50	Tractors	\$15.00	Tractors	\$14.00
Tilt Bed Trailers	\$8.00	Tilt Bed Trailers	\$45.00	Tilt Bed Trailers	\$25.00
Dump Truck w/body	\$17.00	Dump Truck w/body	\$45.00	Dump Truck w/body	\$25.00
Flat Bed Dump	\$10.50	Flat Bed Dump	\$15.00	Flat Bed Dump	\$14.00

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Detail Wash (Managers only)	\$45.00	Detail Wash (Managers only)	\$30.00	Detail Wash (Managers only)	\$25.00
Deluxe Wash	\$18.00				

Upon Motion by Lindy Rogers and seconded by Don Whitman it was unanimously

**RESOLVED:** To accept the low bid from All Weather Heating & Air with a bid price of thirty six thousand eight hundred ninety five dollars (\$36,895) for the annual HVAC maintenance service contract, contingent upon approval of insurance as required by the specifications and authorize the General Manager to sign the contract document. To accept the low bid from Exceptional Services for the fleet washing contract, contingent upon approval of insurance as required by the specifications and authorize the General Manager to sign the contract document.

Chairman Lane called on Herbert Etheridge, Manager of Maintenance and Construction, who distributed copies of the CCWA Water & Revenue Recovery Report for April 2000 and Leak Detection Monthly Report. Mr. Etheridge discussed the meter testing information in the CCWA Water & Revenue Recovery Report. Mr. Etheridge stated that in the month of April the Authority recovered a total net gain revenue of one hundred fifty one thousand four hundred twenty four dollars and twelve cents

(\$151,424.12) which brings the yearly total up to three million two hundred seventy nine thousand seven hundred sixty two dollars and thirty five cents (\$3,279,762.35). Mr. Etheridge stated that there are a total of 10 meters still to be tested. There was a general discussion concerning this information. Mr. Etheridge discussed the information in the Leak Detection Monthly Report. Mr. Etheridge stated that with the new program, which finds meters reporting incorrect water usage, there were five meters reported and repaired. Mr. Etheridge stated that this was a total of ten thousand eight hundred dollars (\$10,800) per month that the Authority could have lost if these meters had not been found and repaired. Mr. Etheridge gave the Board information on the leak detection digital equipment that was approved by the Board. Mr. Etheridge stated that the water leaks that were found with this equipment have more than recovered the cost of the equipment.

Chairman Lane gave the Board information on the American Water Works Association Annual Conference and Exposition in Denver, Colorado.

Panola Road Change Order for Rock Bore: Chairman Lane called on Gary Howe, Manager of Engineering, who stated that last year there was a request from a developer asking that the Board approve the Authority paying part of the cost of extending a sewer line under Panola Road to his development. Mr. Howe stated that the Board approved paying half of the cost up to forty thousand dollars (\$40,000) with the

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developer paying all of the cost of rock excavation. Mr. Howe stated that he has a change order for thirty three thousand two hundred fifty dollars (\$33,250) where the contractor has encountered rock. Mr. Howe stated that he would like the Board to approve this change order which will increase the contract amount up to one hundred thirty nine thousand eight hundred seventy nine dollars and seventy cents (\$139,879.70). Mr. Howe stated that the developer is aware that the Authority will only pay up to forty thousand dollars of the contract amount and none of the rock excavation. Mr. Howe stated that the Authority would then invoice the developer for any additional cost over what was agreed to by the Authority.

Upon Motion by Don Whitman and seconded by Lloyd Joiner it was unanimously

**RESOLVED:** To approve the change order in the amount of thirty three thousand two hundred fifty dollars (\$33,250) with the developer paying the Authority for this cost.

Walt Stephens Road Force Main Change Order: Chairman Lane called on Gary Howe, Manager of Engineering, who stated that he has another change order for the contract to install the Clayton County Parks & Recreation lift station force main. Mr. Howe stated that one of the items that was not taken into consideration in laying this force main was two road bores that we thought we could open cut and also there were

more driveways that had to be bored than was previously thought. Mr. Howe stated that this is a cost that the Authority will have to send back to the Parks & Recreation. Mr. Howe stated that the cost of this change order was twenty thousand one hundred ninety one dollars (\$20,191.) and that Mr. Brannan has discussed this change order with the County and they had verbally agreed to pay the additional cost. There was a general discussion concerning the Authority maintaining this lift station and force main.

Upon Motion by Lindy Rogers and seconded by Don Whitman it was unanimously

**RESOLVED:** To approve this change order in the amount of twenty thousand one hundred ninety one dollars (\$20,191) with the Clayton County Parks & Recreation Department paying this cost.

Rum Creek Payment Certificate: Chairman Lane called on Gary Howe, Manager of Engineering, who distributed copies of the payment certificate in the amount of thirty five thousand ninety five dollars and ninety five cents (\$35,095.95) for the Rum Creek outfall phase III. Mr. Howe gave the Board an update on this project and stated that work on this project is moving well.

There was a discussion concerning the Authority's customer service security project.

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Chairman Lane requested that Mr. Brannan introduce the Authority's new employees. Mr. Brannan introduced Ed Durham, the Authority's new Human Resources Director, Bruce Taylor, the Authority's new GIS Coordinator and Mike Buffington, the Authority's new Project Manager. Mr. Lane stated that on behalf of the Board and Management that he is pleased to have these new employees working for the Authority.

Chairman Lane gave the Board information on the tour, attended by several Board members and employees, of U.S. Pipe's Birmingham plant.

Chairman Lane requested a break at 2:20 p.m.

Chairman Lane called the meeting back to order at 2:30 p.m.

## **ENGINEERING TASK ORDERS 2000 MASTER PLAN PROJECTS:**

Chairman Lane called on Mike Thomas. Project Manager who stated that the Authority has seven Master Plan task orders for the Boards consideration. Mr. Thomas gave the Board information on the process that the Authority goes through before the task orders are presented to the Board. Mr. Thomas stated that after CH2M Hill prepares a

task order he and other appropriate personnel review it. Mr. Thomas stated that the first three task orders to be presented to the Board concern projects that were started last year. Mr. Thomas called on Reggie Peagler, CH2M Hill to give the Board information concerning the status of task order RE-01-02 and what CH2M Hill has planned in the upcoming year for the Enterprise Information Management System. Mr. Peagler introduced Sarah Bernier and stated that she is part of the CH2M Hill team.

Mr. Peagler gave the Board an informational and slide presentation concerning Task Order RE-01-02 Enterprise Information Management System. Topics of this presentation were, where the Authority came from, what the Authority has accomplished and where the Authority is going next year with the Enterprise Information Management System. There was a general discussion concerning this information with questions and answers.

**TASK ORDER RE-01-02 Enterprise Information Management System** This Task Order continues the development of the Enterprise Information Management System and includes labor, software and hardware for several projects. In FY 2000, the Water Authority implemented a local area network, designed ERP processes and developed a GIS "lite" application. In FY2001, the following projects will be conducted:

- Design & implementation of a wide area network;
- Continued development of the GIS database and applications;

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- Selection and purchase of the ERP software and implementation of Human Resources, Finance and Accounting elements; and
- Automated time and attendance programs.

The total cost for these tasks is \$2,073,000.

Upon Motion by Lloyd Joiner and seconded by Lindy Rogers it was unanimously

**RESOLVED:** that Task Order RE-01-02 Enterprise Information Management System be approved.

Mr. Thomas stated that Task Order RE-01-03 refers to the Water Distribution System Modeling. Mr. Thomas stated that about 75% of this task order was funded in the Authority's last fiscal year. Mr. Thomas called on Skip Martin, of CH2M Hill to give the Board a status report on the Water Distribution System Modeling.

Mr. Martin gave the Board an informational and slide presentation concerning Task Order RE-01-03 Water Distribution System Modeling. Topics of this presentation were, the Purpose, Importance and Status of the Water Distribution System Modeling to

the Authority. There was a general discussion concerning this information with questions and answers.

**TASK ORDER RE-01-03 Water Distribution System Modeling** This Task Order is the continuation of a Task Order authorized by the Board in FY2000. It includes the development and calibration of a detailed computer model of the water distribution system. The model will be used to make cost-effective decisions regarding the improvements to the distribution system. The model will also allow us to identify problems in the distribution system.

The cost to complete this task is \$85,000.

Upon Motion by Pete McQueen and seconded by Lloyd Joiner it was unanimously

**RESOLVED:** that Task Order RE-01-03 Water Distribution System Modeling be approved.

Mr. Thomas stated that Task Order RE-01-03 refers to the Wastewater Collection System Modeling. Mr. Thomas gave the Board information concerning the Wastewater Collection System Modeling and stated that the information for this task order is very similar to the Water Distribution System Modeling except this task order involves more work. Mr. Thomas stated that only 50% to 60% of this task order was funded in the

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Authority's last fiscal year and is approximately 50% complete. Mr. Thomas gave the Board detailed information pertaining to this task order. There was a general discussion concerning this information with questions and answers.

**TASK ORDER RE-01-03 Wastewater Collection System Modeling** This Task Order is for the continuation of a Task Order authorized by the Board in FY2000. It includes the development and calibration of a detailed computer model of the sewer collection system. The model will be used to make cost-effective decisions regarding improvements to the collection system and to identify areas of significant infiltration and inflow. In order to develop model accuracy, all sewer manholes on lines of 10 inches or greater are being surveyed to determine accurate locations and elevations. This information will be valuable for building the system inventory in the Water Authority's GIS.

The cost to complete this task in FY2001 is \$349,000.

Upon Motion by Lindy Rogers and seconded by Pete McQueen it was unanimously

RESOLVED: that Task Order RE-01-03 Wastewater Collection System Modeling be approved.

Mr. Thomas stated that Task Order BO-00-02 is for the Design of Advanced Disinfection Facilities for CCWA Water Production Facilities. Mr. Thomas stated that the reason the Authority is looking at advanced disinfection is that there are new rules coming out of the Safe Drinking Water Act that requires that the Authority disinfect water better than we do now using Chlorine. Mr. Thomas stated that the other reason is that the Authority recycles treated wastewater and we want to be able to assure our customers that they are getting the safest drinking water possible. Mr. Thomas gave the Board detailed information pertaining to this task order. There was a general discussion concerning the differences in the ultraviolet process compared to the ozone process with Mr. Hirsekorn and Mr. Pihera giving information and answering questions.

**TASK ORDER BO-00-02 Design of Advanced Disinfection Facilities for CCWA Water Production Facilities** This Task Order includes the analysis of advanced disinfection alternatives, equipment selection and design for all three water production plants. Advanced disinfection will be necessary to comply with future Safe Drinking Water Act rule changes. Disinfection methods utilizing ozone and ultraviolet light will be evaluated.

The total cost for this task order is \$368,000.

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Upon Motion by Lindy Rogers and seconded by Don Whitman it was unanimously

RESOLVED: that Task Order BO-00-02 Design of Advanced Disinfection Facilities for CCWA Water Production Facilities be approved.

Mr. Thomas stated that Task Order BP-00-03 is for Design of Solids Handling Facilities and Filter Improvements at the Hooper Water Production Plant. Mr. Thomas stated that parts of the Hooper Water Treatment Plant are over 40 years old. Mr. Thomas gave the Board information concerning how the Authority is now disposing of alum sludge created by the water treatment process. Mr. Thomas gave the Board detailed information pertaining to this task order. There was a general discussion concerning this information with questions and answers.

**TASK ORDER BO-00-03 Design of Solids Handling Facilities and Filter Improvements at the Hooper Water Production Plant** This Task Order includes the design of a facility for dewatering alum sludge utilizing a belt filter press and the

replacement of filter media and valves. Solids from the Hooper plant are currently hauled and dumped in temporary lagoons at the Huie LAS. The new facility will provide a permanent solids handling alternative and greatly reduce hauling requirements. Some of the filters at the Hooper plant are over 40 years old and one filter bottom has collapsed. Replacement of the media and valves will insure proper operation of these filters and reduce the loss of filter media.

The total cost of this task order is \$453,000.

Upon Motion by Pete McQueen and seconded by Lindy Rogers it was unanimously

**RESOLVED:** that Task Order BO-00-03 Design of Solids Handling Facilities and Filter Improvements at the Hooper Water Production Plant be approved.

Mr. Thomas stated that Task Order BP-00-04 is for Detailed Evaluation and Preliminary Design for Hooper Water Production Plant Rehabilitation. Mr. Thomas stated that there are a lot of issues to be addressed at the Hooper WPP. Mr. Thomas gave the Board detailed information pertaining to this task order. There was a general discussion concerning this information with questions and answers.

**TASK ORDER BO-00-04 Detailed Evaluation and Preliminary Design for Hooper Water Production Plant Rehabilitation** This Task Order includes a detailed structural and process engineering evaluation of the Hooper plant. Portions of this plant are over 40 years old and in need of rehabilitation to insure that the plant

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operates in an efficient and safe manner. A detailed structural analysis will be conducted of all concrete structures to identify any repairs or improvements that are required. This task order also includes a study to optimize both the Hooper and J.W. Smith plant's coagulation processes to insure compliance with additional Safe Drinking Water Act requirements.

The total cost of this task order is \$175,000.

Upon Motion by Don Whitman and seconded by Lloyd Joiner it was unanimously

**RESOLVED:** that Task Order BO-00-04 Detailed Evaluation and Preliminary Design for Hooper Water Production Plant Rehabilitation be approved.

Mr. Thomas stated that the final Task Order BO-00-05 is Overall Program Management and Cost Control. Mr. Thomas stated that when CH2M Hill did the estimates for these projects they included program management in each project. Mr.



Thomas stated that the Authority wanted to know what this was costing and what it was doing for the Authority. Mr. Thomas stated that this has been pulled out as a separate task order. Mr. Thomas gave the Board an informational and slide presentation pertaining to this task order. There was a general discussion concerning this information with questions and answers.

**TASK ORDER BO-00-05 Program Management and Cost Control** This Task Order includes detailed management of all Water Authority Master Plan projects including the development of detailed project schedules, budgets and resource allocation. Schedules, expenditures versus budget and estimated cost at completion will be updated every two weeks and be available to CCWA staff for review and analysis. This task will provide internal coordination and management at CH2M Hill of all Water Authority projects and provide detailed and up to date information for CCWA project managers to evaluate progress and budget.

The total cost for this task order is \$396,214

Upon Motion by Pete McQueen and seconded by Lloyd Joiner it was unanimously

RESOLVED: that Task Order BO-00-05 Program Management and Cost Control be approved.

There was a discussion concerning the Georgia Water and Pollution Control Association District III Meeting at the Freeman Road WPP on May 10, 2000.

Chairman Lane invited Board members to attend the Bond Closing at 10:30 a.m. on Wednesday, May 17, 2000 at King and Spalding.

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Chairman Lane requested a break at 3:15 p.m.

Chairman Lane called the meeting back to order at 3:25 p.m.

**FY 2001 Budget:** Chairman Lane stated that he has a tremendous amount of respect for all of the Authority's Management Team and that it is his opinion that the Authority has the best Management Team in the world. Chairman Lane stated that he would call on each Board member and give them the opportunity to ask questions about any concerns they may have about the Authority's FY 2001 Budget. Each Board member was given the opportunity to discuss different areas of the FY 2001 Budget that they had concerns with asking questions and receiving answers and information from the Authority's Management Team.

Upon Motion by Lindy Rogers and seconded by Lloyd Joiner it was unanimously

RESOLVED: that the Authority's FY 2001 proposed budget be approved as presented.

Chairman Lane stated that he would entertain a motion for the Board to go into executive session to discuss personnel matters, acquisition of land and consult with legal counsel.

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

RESOLVED: that the Board adjourns into executive session and the Board reserves the right to return to the open session.

Chairman Lane stated that he would entertain a motion to adjourn the meeting.

Upon Motion by Pete McQueen and seconded by Wes Greene it was unanimously

RESOLVED: that the regular Board meeting be adjourned.

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

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Joe T. Lane, Chairman

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H. Lindy Rogers, Secretary/Treasurer