

CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road
Morrow, Georgia 30260

Regular Board Meeting March 1, 2001

Secretary/Treasurer, Lindy Rogers 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, Wesley E. Greene, Sr., J. Alan Horton and Robbie Moore, Jr., 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, Executive Secretary, Patricia Groover, Assistant Manager of Administration, Scott Bailey, Project Managers, Mike Thomas & Mike Buffington, Contracts and Procurement Administrator, Karen Riser, Administrative Secretary, Dianne Hammock, Human Resources Director, Ed Durham, Compensation & Benefits Coordinator, Michelle Mirzaiee, Information Services Supervisor, Rodney Crowell, Network Administrator, Chris Sims, GIS Coordinator, Bruce Taylor, Resource Center Director, Andy Wells, Chief Operator Special Projects, Chris Hamilton, Water Production Operator II, James Brown and Water Reclamation Operator III, James Turner. Also present were: Steve Fincher, Fincher & Hecht, L.L.C., Rick Hirsekorn, of CH2M Hill, Jim Wood & Todd Mason, of Jim Wood & Associates Public Relations, Cheryl Slough, Clayton News Daily, Visitors, Eric Ballard, NAACP, Matthew Woodall and Gene Vaughn, Alvin E. Vaughn & Associates, Inc.

Secretary/Treasurer, Lindy Rogers called on Chris Hamilton, Chief Operator Special Projects, to give the invocation.

Mr. Rogers introduced the newly appointed members of the Clayton County Water Authority Board of Directors, Mr. Robbie Moore, Jr. and Mr. J. Alan Horton. Mr. Rogers stated that the Board is pleased to welcome Mr. Moore and Mr. Horton as members of the Authority's Board. Mr. Moore and Mr. Horton gave the Board background information about themselves and stated that they are looking forward to serving on the Authority Board.

Election of Board Officers: Secretary/Treasurer, Lindy Rogers opened the floor for nominations for Chairman of the Authority's Board of Directors.

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

RESOLVED: that Pete McQueen be nominated for Chairman, there being no other nominations, the vote was unanimous to elect Pete McQueen as Chairman of the Clayton County Water Authority Board of Directors.

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Chairman McQueen opened the floor for nominations for Vice Chairman for the Authority's Board of Directors.

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

RESOLVED: that Lloyd Joiner be nominated for Vice Chairman, there being no other nominations, the vote was unanimous to elect Lloyd Joiner as Vice Chairman of the Clayton County Water Authority Board of Directors.

Chairman McQueen opened the floor for nominations for Secretary/Treasurer for the Authority's Board of Directors.

Upon Motion by Lloyd Joiner and seconded by Robbie Moore it was unanimously

RESOLVED: that Lindy Rogers be nominated for Secretary/Treasurer, there being no other nominations, the vote was unanimous to elect Lindy Rogers as Secretary/Treasurer of the Clayton County Water Authority Board of Directors.

Chairman McQueen called for any corrections to the minutes of the regular and executive Board meeting on February 1, 2001 and called Board meeting on February 8, 2001, hearing none, Chairman McQueen stated that he would entertain a motion for approval of these minutes.

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

RESOLVED: that the minutes of the regular and executive Board meeting on February 1, 2001 and the called Board meeting on February 8, 2001 be approved as received.

Chairman McQueen stated that it will be an honor to serve as Chairman of the Clayton County Water Authority's Board of Directors and thanked the Board for their support in electing him as Chairman.

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. Projected FY 2001 Operating Revenues vs. Budgeted Operating Expenses Actual Through January, Operating Revenues vs. Actual Revenues

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Through January, Operating Expenses vs. Actual Expenses Through January and an informational chart titled Projected FY 2001 Revenues vs. Expenses by Month Actual Through January. There was discussion concerning this information.

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

RESOLVED: that the financial report be approved as presented.

Recognition of James Brown, Mike Taylor and James Turner: Chairman McQueen called on Guy Pihera, Manager of Water Production, who gave recognition to three Authority employees who achieved a higher or additional state certification level. Mr. Pihera recognized Mike Taylor, Water Plant Operator, who was unable to attend the Board meeting. Mr. Pihera stated that Mr. Taylor obtained the State Class II Water Operator Certification. Mr. Pihera introduced James Brown, Water Plant Operator, and stated that he would like to recognize Mr. Brown for obtaining the State Class II Water Operator Certification. Mr. Pihera introduced James Turner and stated that Mr. Turner, a certified Water Reclamation Operator at the Authority's Northeast WRF, has taken advantage of a voluntary training program that the Authority has available for employees. Mr. Pihera stated that this program allows employees who would like to obtain certification as a Water or Water Reclamation Operator to receive the required training, at a Water or Water Reclamation Plant, on their own time and at their own expense. Mr. Pihera stated that Mr. Turner spent about a year of his own time, after his regular work hours, training to be a Water Production Operator. Mr. Pihera stated that after this training that Mr. Turner, at his own expense, obtained a State Class III Water Operator Certification. Mr. Pihera stated that Mr. Turner is now certified as a Water and Water Reclamation Operator. Chairman McQueen stated that on behalf of the Board he would like to congratulate each of these employees.

Mr. Pihera updated the Board on the status of the Authority's raw water reserve and stated that at this time the Authority's raw water reserves is at 92% capacity. Mr. Pihera gave the Board information concerning the amount of raw water reserves in each of the Authority's reservoirs. Mr. Pihera stated that the Authority's new Shoal Creek Reservoir is within two and one half feet (2.5') from being full. Mr. Pihera stated that in the next two weeks, if the present trend continues, this reservoir should be full. There was discussion with questions and Mr. Pihera giving answers and additional information on the status of the Shoal Creek Reservoir compared to the same time period last year and if the Authority's water rate increase has had any affect on water usage.

Bartlett Road Sewer Outfall Update: Chairman McQueen called on Gary Howe, Manager of Engineering, who brought the Board up to date on the Bartlett Road project. Mr. Howe stated that the work associated with the Bartlett Road project allowed one of the Authority's lift stations to be eliminated. Mr. Howe stated that this project is now

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complete and that the final payment has been made. Mr. Howe stated that the bid for this project came in at two hundred thirty one thousand five hundred forty three dollars (\$231,543). Mr. Howe stated that the final cost for the project was two hundred twenty nine thousand two hundred thirty one dollars and twenty-four cents (\$229,231.24). Mr. Howe stated that this was a net project savings to the Authority of two thousand three hundred eleven dollars and seventy-six cents (\$2,311.76). Mr. Howe stated that this project came in under bid because several items were below what was projected. There was discussion concerning this information.

PAYMENT CERTIFICATE

Payable to: Macba Sewer & Pipeline, Inc

Project: Bartlett Road Outfall

From: October 3, 2000 to February 9, 2001

Job No. 899-32

Estimate No. 4 (final)

Item No.	Items	Contract Breakdown			Completed to Date	
		Unit	Unit Price	Amount	No of Units	Amount
1	8" PVC Sewer, 0-6 Cut (Class 26)	565 LF	49.50	27,967.50	539 LF	26,680.50
2	8" PVC Sewer, 6-8 Cut (Class 26)	680 LF	51.50	35,020.00	681 LF	35,071.50
3	8" PVC Sewer, 8-10 Cut (Class 26)	940 LF	53.50	50,290.00	1155 LF	61,792.50
4	8" PVC Sewer, 10-12 Cut (Class 26)	515 LF	55.50	28,582.50	386 LF	21,423.00
5	8" PVC Sewer, 12-14 Cut (Class 26)	134 LF	59.50	7,973.00	13 LF	773.50
6	8" D.I. Pipe (In Addition)	36 LF	16.00	576.00	181 LF	2,896.00
7	8" Steel Pipe (.322 Wall, in addition)	50 LF	42.00	2,100.00	50 LF	2,100.00
8	Manhole Construction (4' Dip)	145 VF	127.00	18,415.00	160.1 VF	20,332.70
9	Manhole Ring & Cover (Bolt Down)	11 EA	275.00	3,025.00	13 EA	3,575.00
10	Manhole Ring & Cover (In Street)	3 EA	234.00	702.00	3 EA	702.00
11	Tap Exist. MH & Reconstruction Invert	2 EA	-	-	2 EA	-
12	8" x 6" PVC Tee	9 EA	78.00	702.00	8 EA	624.00
13	Paving Removed & Replaced	200 Tons	70.00	14,000.00	89.76 Tons	6,283.20
14	6" PVC Pipe (All Cuts)	360 LF	48.00	17,280.00	312 LF	14,976.00
15	Regrassing	10,600 SY	0.45	4,770.00	10,600 SY	4,770.00
16	Rip-Rap	10 Tons	45.00	450.00	38.96 Tons	1,753.20
17	Silt Fence w/Hay Bales or Wire	2500 LF	2.85	7,125.00	1000 LF	2,850.00
18	Harco Coupling	1 EA	65.00	65.00	1 EA	65.00
19	Rock Excavation	2000 CY	-	-	0 CY	-
20	57 Stone	500 Tons	25.00	12,500.00	655.30 Tons	16,382.50
21	Change Order No. 1			3,920.00		3,920.00
22	Change Order No. 2			2,260.64		2,260.64
23	Change Order No. 3			(8,492.40)		

		Total		229,231.24	
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Contractor: _____ Title _____
 Date: _____
 Inspector: _____
 Date: _____
 Dept. Manager: _____
 Date: _____
 General Manager: _____

Total Amount of Estimate	229,231.24
Retained 0 Per Cent	
Net Amt of this Estimate	229,231.24
Previous Net Estimate	170,097.96

Amount Payable 59,133.28

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CHANGE ORDER

Contractor	Macba Sewer & Pipeline	C.O. No.	3
Address	117 Park West Drive, McDonough, GA 30253	Date	2/8/01
Owner	Clayton County Water Authority	Address:	1600 Battle Creek Road, Morrow, GA 30260
Project:	Bartlett Road Outfall	Location:	
Job Number:	899-32	Contract Number:	

Changes in connection with the reference contract have been approved as follows:

DESCRIPTION OF CHANGE		AMOUNT
1.	Cost Adjustment on Line Items: 1,2,3,4,5,6,8,9,12,13,14,16,17, 20	(\$8,492.40)
APPROVED:		Total this C.O. Deduct (\$8,492.40)
Contractor Macba Sewer & Pipeline, Inc.		Prev. Contract Amount thru C. O. No. 2 \$237,723.64
By:	Date 02/19/01	
Owner		Deduct this C. O. No. 3 (\$8,492.40)
Inspector:	Date	
Department Manager: Gary Howe		Revised Contract Amount \$229,231.24
General Manager: M. Wade Brannan		
	Date 02/19/01	

Condemnation Request for 2005 Owen's Trail: Chairman McQueen called on Gary Howe, Manager of Engineering, who gave the Board information concerning the condemnation of a piece of property. Mr. Howe stated that there is a piece of property off of 42 Highway located at 2005 Owen's Trail in Rex. Mr. Howe stated that the Authority needs a forty-seven foot long sewer easement across this property down to the creek and adjoining property. Mr. Howe stated that he had the property, needed for the sewer easement, appraised and that the appraised value of the easement was five hundred dollars (\$500). Mr. Howe stated that he verbally contacted the property owner and sent him a letter offering the five hundred dollars appraised value. Mr. Howe stated that the property owner rejected this offer and requested five thousand dollars (\$5,000). Mr.

Howe stated that he would like the Board to approve the condemnation of this property. There was discussion concerning this information and the number of times that Mr. Howe contacted the property owner in order to come to an agreement concerning this easement.

Upon Motion by Wes Greene and seconded by Robbie Moore it was unanimously

RESOLVED: to approve Mr. Howe's request to proceed with the commendation of property located at 2005 Owen's Trail needed by the Authority for a sewer easement.

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Northeast WRF Solids Handling: Chairman McQueen called on Neal Wellons, Manager of Water Reclamation, who updated the Board on the Northeast WRF sludge processing savings. Mr. Wellons gave the Board background history on the in-vessel composting operation that was located at the Northeast WRF. Mr. Wellons stated that the Board made the decision to shut down the composting operation in October of 1999 after he did an analysis of the future cost that the Authority would incur by continuing the compost operation. Mr. Wellons stated that this cost analysis showed that the Authority would save one thousand dollars (\$1,000) per day by discontinuing the Authority's in-vessel composting operation. Mr. Wellons stated that the Authority is now dewatering the solids into sludge and this sludge is then hauled to a much larger composting facility in Plains, Georgia. Mr. Wellons stated that now that the Authority's new method of sludge processing has been in effect for over a year he would like to update the Board on the status of this new method of sludge processing. Mr. Wellons discussed the following information that was distributed to Board members. There was discussion concerning the information.

NORTHEAST WRF SLUDGE PROCESSING SAVINGS

January 3, 2001

In 1999, estimates were produced for savings that would result from closing the Composting Plant and contracting with Erth Products for composting at their Plains facility. The estimates were based on best data available and assumptions of changes that would result when we moved staff, shut down blowers, ended use of wood chips, lowered maintenance (and lost cash from compost sales.)

At that time, it was estimated that we would save \$1,000/day or \$ 1 million every 2.7 years! This figure included savings realized by not performing needed maintenance on the compost facility including replacement of new out feed and sandblasting and painting the interior of the reactors; costs that would add \$68,000/yr (\$186/day) over the next 5 years.

A current analysis that includes the last two quarters of operation in the new mode shows actual savings of \$354,000/yr or \$970/day. If we add savings by not performing required maintenance that was needed on composting, our total savings is now \$422,000/yr or \$1,156/day.

COMPOSTING COST WORKSHEET

(in thousands of dollars)

January 2, 2001 updated

	Composting FY 98 & 99 Avg. (adj. For 4 th qtr 2000 production which was higher than 98 & 99) (salaries annualized from 1 st and 2 nd qtr. 2000)	Press and Erth Products 4 th qtr. FY 2000 annualized	1 st & 2 nd qtr. FY 2001 Annualized
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Salaries & Benefits	266	94	101
Materials & Supplies	77	41	31
Automotive	1	0	0
Office Supplies	1	0	0
Utilities	94	5	6
Rentals	2	0	0
Maintenance & Repairs	62	8	1
Outside Services	48	0	0
Property Insurance	6	6	6
Travel	0	0	0
Misalliance	50	2	2
Wood Chips	142	0	0
Sales	(85)		
Allocation of General Savings	36	6	0
Erth Products		272	197
Total	700	434	346
Savings/yr.		266	354
Add 5 year projects 250 out feed + 90 painting/5 = 68/yr			
Adjusted Savings		334 or \$915/day	422 or \$1,156/day

ERP Hardware Proposal: Chairman McQueen called on Terry Hicks, Deputy Manager, to update the Board on the Authority's Enterprise Resource Planning (ERP) project. Mr. Hicks stated that in January of this year the Board approved moving ahead with the ERP software and implementation. Mr. Hicks stated that he is now asking the Board to approve the ERP hardware. Mr. Hicks stated that the Authority advertised for ERP Hardware proposals. Mr. Hicks stated that on the ERP Hardware RFP Tabulation Sheet there is a number of No Proposals. Mr. Hicks stated that because this hardware will be running the J.D. Edwards software product the Authority stated in the proposal that it would be preferable if they had J.D. Edwards' experience. Mr. Hicks stated that the ERP evaluation team thinks that this is the reason that some of these companies did

not submit a proposal. Mr. Hicks stated that the three proposals that were submitted are close in amounts, which makes the ERP evaluation team feel that the Authority received good proposals. Mr. Hicks stated that this proposal includes a new AS 400 machine, an additional deployment server along with installation of the operating system software. Mr. Hicks stated that if the Board approves this proposal today then the Authority should be ready for start of the implementation of the J.D. Edwards software by June of this year. Mr. Hicks stated that the ERP implementation process would take the Authority approximately sixteen months to load the software and for the employees to learn to use this software. Mr. Hicks introduced Rodney Crowell, Information Services Supervisor and Chris Sims, Network Administrator and stated that the Board should address any technical questions to these two gentlemen. There was discussion concerning this information with questions concerning the budgeted amount for the ERP hardware and if the proposed amount includes a maintenance contract. Mr. Hicks stated that the budgeted amount for the ERP hardware is four hundred seventy five thousand dollars (\$475,000).

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Mr. Crowell gave the Board information about the maintenance contract and stated that the ERP hardware proposal includes only one-year of maintenance and after this year of maintenance the Authority will purchase an annual maintenance contract.

Clayton County Water Authority
 ERP Hardware
 RFP Tabulation Sheet
 February 2001

VENDOR	PROPOSAL
MCSi Atlanta 2975 Northwoods Parkway Norcross, GA 30071	No Proposal
THOR Systems, Inc. 1003 Weatherstone Parkway Suite 310 Woodstock, GA 30188	No Proposal
Total Solutions Group 1900 The Exchange Suite 100 Atlanta, GA 30339	No Proposal
Data Systems International 3700 Mansell Road Alpharetta, GA 30222	\$455,241.00
AS400 Warehouse.com LLC 2295 Towne Lake Parkway #116-286 Woodstock, GA 30189	No Proposal
Sirius Computer Solutions 348 Land's Mill SE Marietta, GA 30067	\$444,744.00
Computer Atlanta, Inc.	

8196 Industrial Place Alpharetta, GA 30004	No Proposal
Network Services Plus, Inc. (NSPI) 5080 Old Ellis Pointe Roswell, GA 30076	\$464,338.00
IBM Global Services 1600 Riveredge Parkway Atlanta, GA 30328	No Proposal

Proposal amounts were adjusted to reflect requirements in the RFP.

Upon Motion by Wes Greene and seconded by Lloyd Joiner it was unanimously

RESOLVED: to accept the low proposal from Sirius Computer Solutions to provide the ERP Hardware for the proposal price of four hundred forty four thousand seven hundred forty four dollars (\$444,744) contingent upon approval of insurance as required by the specifications and authorize the General Manager to sign the contract document.

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Utility Locate Demonstration: Chairman McQueen called on Herbert Etheridge, Manager of Maintenance & Construction, who gave the Board information on the leak detection report for the month of February, followed by information on the Authority's new leak detection program and a utility locate demonstration. Mr. Etheridge discussed the following information titled CCWA Leak Detection Program Report for the month of February that was distributed to Board members. There was discussion concerning this information and the possible cause of the Authority's present unaccounted for water loss.

**CCWA
LEAK DETECTION PROGRAM REPORT
February- 2001**

Size	Month of January						Progress to Date			
	Footage	Leaks	Repaired	GPM	GPYear	Value	Footage	Leaks Repaired	GPYear	Value
3/4"	2,246.3	1	1	10	5,256,000	\$9,513.36	5,321.8	25	96,710,400	175,045.82
1"	0	0	0	0	0	\$0.00	726.9	4	69,904,800	126,527.69
2"	603.2	0	0	0	0	\$0.00	53,951.2	16	85,373,000	154,525.13
6"	39,771.8	2	2	203	106,696,800	\$193,121.21	347,815.5	8	495,640,800	897,109.85
8"	43,691.1	0	0	0	0	\$0.00	175,424.9	3	142,963,200	258,763.39
10"	0	0	0	0	0	\$0.00	6,484.5	0	0	0.00
12"	22,071.2	0	0	0	0	\$0.00	48,409.5	1	1,576,800	2,854.01
16"	13,650.0	0	0	0	0	\$0.00	41,994.0	0	0	0.00

20"	0	0	0	0	0	\$0.00	10,205.0	0	0	0.00
24"	0	0	0	0	0	\$0.00	39,858.9	0	0	0.00
30"	0	0	0	0	0	\$0.00	0	0	0	0.00
36"	0	0	0	0	0	\$0.00	0	0	0	0.00
TOTAL	122,033.6	3	3	213	111,952,800	\$202,634.57	703,192.2	57	892,169,000	\$1,614,825.89

Mr. Etheridge gave the Board information about the Authority's new leak detection section. Mr. Etheridge stated that in November of last year, the Board approved additional personnel for the Authority's underground utility locate section. Mr. Etheridge stated that the personnel included three additional locators and an administrative assistant. Mr. Etheridge stated that the additional personnel were needed in order for the Authority to respond to 3,900 water line and 2,800-wastewater line locate requests per month from the Utility Protection Center (UPC). Mr. Etheridge stated that Clayton County is the only county in the state that locates both water and wastewater underground utilities. Mr. Etheridge stated that the Authority is the only utility in the State that is meeting the State law to locate and respond back to the UPC. Mr. Etheridge stated that when the utility locate program was started that the Authority was experienced in locating underground water utilities, but not wastewater. Mr. Etheridge stated that the problem was not in locating the sewer mains but locating the sewer taps. Mr. Etheridge

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gave the Board information on the time consuming process used in order to print the maps needed to locate sewer taps. Mr. Etheridge stated that Bruce Taylor, GIS Coordinator, was instrumental in writing a computer utility locate program. Mr. Etheridge stated that this program was implemented about a month ago and that it was exactly what was needed and works perfectly in locating sewer taps. Mr. Etheridge stated that he would like to thank Bruce Taylor, the drafting section employees and CH2M Hill employees, who assisted Mr. Taylor in writing this computer utility locate program. Mr. Etheridge and Mr. Taylor gave the Board an informational slide demonstration on the computer utility locate program. There was discussion concerning this information

Change Order #1 for Shoal Creek Construction: Chairman McQueen called on Mike Buffington, Program Manager, who updated the Board on the progress of the Shoal Creek WRF expansion and upgrade. Mr. Buffington gave the Board information on the progress of the Shoal Creek construction showing slides of the construction site. Mr. Buffington stated that the construction of the Shoal Creek expansion and upgrade started on January 15, 2001 with a contract completion date of November 15, 2002. Mr. Buffington stated that this construction work is on schedule and is going good. Mr. Buffington stated that Board members received a copy of the Shoal Creek Water Reclamation Facility Change Order #1 shown below. Mr. Buffington stated that change order #1 was a deduct amount of one hundred thirty six thousand dollars (\$136,000) from

the original contract amount of fourteen million six hundred thirty three thousand nine hundred seventy three dollars (\$14,633,973). Mr. Buffington stated that this leaves a revised contract amount of fourteen million four hundred ninety seven thousand nine hundred seventy three dollars (\$14,497,973).

ADDITIONS TO
SHOAL CREEK WATER RECLAMATION FACILITY

CHANGE ORDER No. 1 Summary Sheet

Original contract Amount	\$14,633,973.00
Change Order No. 1 (Deduct)	<u>(\$ 136,000.00)</u>
Revised Contract Amount	\$14,497,973.00

CHANGE ORDER

Contractor: Ruby Collins, Inc.	C.O. No. 1
Address: 4806 Wright Drive, Smyrna, Georgia 30082	Date 22 January 2001
Owner: Clayton County Water Authority	Address: 1600 Battle Creek Road, Morrow, GA 30260
Project: Additions to the Shoal Creek WPCP	Clayton County Georgia
Job Number: 98028	Contract Number: 20

Changes in connection with the reference Contract have been approved as follows:

DESCRIPTION OF CHANGE	AMOUNT
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1. Building Permit Waived by Clayton County Building Department	DEDUCT	(\$45,000.00)
2. Clayton County Water Authority acceptance of Option No. 2 and No. 3 associated with the relocation of the "Additions to the Shoal Creek WPCP" as detailed in Mr. Lawrence Killer's letter dated October 26, 2001	DEDUCT	\$91,000.00
Total This C.O. (DEDUCT)	DEDUCT	\$136,000.00
Previous Contract Amount		\$14,633,973.00
Revised Contract Amount		\$14,497,973.00
Original Contract Completion Date		November 15, 2002
Additional Days Associated With Change Order No. 1		0
Contract Completion Date Including Change Order No. 1		November 15, 2002
APPROVED:		
Contractor	RUBY-COLLINS, INC.	
By:	Date 01/26/01	
Owner:	CLAYTON COUNTY WATER AUTHORITY	

By:	Date 02/02/01	
Recommended for Approval: ROBERT AND COMPANY		
By:	Date 02/02/01	

Lake City, City Hall Easement Swap: Chairman McQueen called on Wade Brannan, General Manager, who gave the Board information concerning the relocation of a sewer line and sewer easement exchange. Mr. Brannan stated that there was a conflict with the construction of the new Lake City Municipal Complex and the location of one of the Authority's sewer lines. Mr. Brannan stated that in order for the construction of the new Lake City Municipal Complex to continue, the sewer line had to be relocated. Mr. Brannan showed on a map the location of the construction area, the previous location of the Authority's sewer line easement and the relocated sewer line easement. Mr. Brannan stated that this area is at Kenyon Road and State Highway 54 in Lake City. Mr. Brannan stated that he is asking the Board to authorize the Chairman to sign the document authorizing the exchange of this easement.

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

RESOLVED: that the Chairman is authorized to execute the document between the City of Lake City and the Authority to exchange a sewer line easement.

State Route 138 Sewer Request: Chairman McQueen called on Wade Brannan, General Manager, who stated that he has a request for sewer service to a development on

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State Route 138 right inside the Henry County line. Mr. Brannan showed on a map the location of the development in connection with the Authority's Reeves Creek lift station. Mr. Brannan stated that the Board previously authorized the Authority to furnish sewer service to the development adjacent to the property owner who is now requesting sewer service. Mr. Brannan stated that even though this property is located in Henry County, it is in the drainage basin that is best served by the Authority's Reeves Creek lift station. Mr. Brannan stated that Henry County would have to release this site in order for the Authority to allow them to tie into the Authority's sewer line. Mr. Brannan discussed the information in the CCWA Reeves Creek Lift Station Request for Sewer Service that was distributed to Board members. Mr. Brannan stated that since the Authority has the sewer capacity at the Reeves Creek lift station that it is his recommendation that the Board approve the Authority providing this development with sewer service. Mr. Brannan stated that this would be at no cost to the Authority. There was discussion concerning this information.

CCWA Reeves Creek Lift Station
Request for Sewer Service

Reeves Creek Lift Station Capacity	1,000,000 GPD
Pumping Today	540,000 GPD
Proposed Development	<u>14,000 GPD</u>
Proposed Daily Flow	554,000 GPD
Remaining Proposed Capacity	446,000 GPD

Upon Motion by Wes Greene and seconded by Marie Barber it was unanimously

RESOLVED: that the Authority will provide this development with sewer service.

Bond Program Update: Chairman McQueen called on Wade Brannan, General Manager, who updated the Board on the status of the Authority's series 2001-bond issue. Mr. Brannan gave the Board information concerning the Authority's bond rating for this bond issue. Mr. Brannan stated that Moody's Investors Service will be here at the Authority on Wednesday, March 21st and Standard & Poor's Public Finance session will be in New York on Thursday, March 22nd. There was discussion concerning this information.

**Clayton County Water Authority
SERIES 2001 BOND ISSUE**

➤ **Amount: \$92,856,000**

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➤ **Projects:**

- Construction of W.B. Casey W.R.F.
- Improvements to N.E. Clayton W.R.F.
- Shoal Creek Wetlands
- E.L. Huie Wetlands
- W.J. Hooper W.R.P. improvements
- J.W. Smith improvements
- Freeman Road W.P.P. improvements
- Distribution system improvements

➤ **Financial Team:**

- Clayton County Water Authority Board
- Clayton County Water Authority Management
- Banc of America – Underwriters
- King & Spalding – Bond Counsel
- Fincher & Hecht – Local Counsel

- CH2M Hill – Consulting Engineers
- Grant-Thornton – Auditors
- County Commissioners – Joint Resolution

➤ **Steps to Accomplish:**

- Ten-Year Master Plan
- Clayton County Water Authority Bond authorization
- Engineer's Report
- Auditor's Bond Parity Test
- Prepare joint resolution
- Prepare official statement
- Have bonds rated
- Sell bonds
- Execute joint resolution with County
- Validate bonds – Superior Court
- Close bond issue
- Establish Trust Account for bond proceeds
- Establish Trust Account for Sinking Fund

Financing Schedule
Clayton County Water Authority
Series 2001
As of March 1, 2001

<u>DATE</u>	<u>ACTIVITY & STATUS</u>
January 16 th	Meeting with senior staff to review project. Set Program regarding projects to be included and cost.
February 1 st and 8 th	Meeting with Board to review project financing Met with Board to present program requirements, market conditions.
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February 6 th	Draft of bond documents distributed for review (preliminary official statement and bond resolution). This was done.
February 14 th	Second draft of documents available for review. Meeting to begin engineering report. This was done.
March 21 st & 22 nd	Rating agency presentations. Moody's has requested to come to us on March 21 st . Standard & Poor's has requested that we go to New York. Meet with Standard & Poor's in New York on March 22 nd , time at Board option.
March 30 th	Receive ratings and bond insurance commitments.

April 5 th	Complete and distribute preliminary official statement.
April 12 th	Bonds offered for sale to public. Bond purchase agreement and bond resolution approved. Complete and distribute final official statement. Begin bond validation.
April 25 th	Validation order received.
May 1 st	Closing

CLAYTON COUNTY WATER AUTHORITY 2001 BOND ISSUE

The Water Authority's Master Plan 2000 included a capital improvements plan to meet the growth, operations and maintenance needs of the organization for the next 20 years. This program, known as Water Resources Initiative 2000, was kick-started with a \$23 million dollar bond issue in 2000. The proposed bond issue for 2001 will continue the development of that program and provide the funding for some of the most significant projects to be built that are already under design. The project list for the 2001 Bond Issue is listed below.

PROJECT	Easement Cost
Construction of the new Casey Water Reclamation Facility (WRF)	\$64,000,000
Improvements to the Northeast WRF	\$1,200,000
Shoal Creek (Inman Road) Wetlands Construction	\$4,050,000
Design & Construction of Huie Wetlands	\$2,500,000
Wastewater Conveyance System Improvements	\$2,500,000
Filter & Solids Dewatering Improvements at the Hooper Water Production Plant (WPP)	\$4,720,000
Construction of Advanced Disinfection at the Hooper WPP	\$3,143,000
Construction of Advanced Disinfection at the Smith WPP	\$2,142,000
Construction of Advanced Disinfection at the Freeman Rd. WPP	\$2,141,000
Water Distribution System Improvements	\$6,460,000
TOTAL	\$92,856,000

PROJECT DESCRIPTIONS

Construction of the new Casey WRF – Construction of the new 24 mgd Casey WRF will replace two existing, aging water reclamation facilities: the existing 15 mgd Casey WRF and the 4.5 mgd Jackson WRF. The new facility will provide additional wastewater treatment capacity

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while also providing an effluent of much higher quality to allow a discharge to constructed wetlands at the Huie Land Application Site (LAS). The estimated costs include construction and construction management services for this project.

Improvements to the Northeast WRF – Additional aeration capacity and new filters will be added to the existing 6 mgd Northeast WRF in order to improve wastewater treatment operations and insure compliance with a lower discharge limit for total phosphorus.

Shoal Creek (Inman Road) Wetlands Construction – These constructed wetlands will receive the discharge from the new Shoal Creek WRF. The wetlands will provide additional treatment before discharging this reclaimed water to the Water Authority's Shoal Creek Reservoir. This

phase of wetlands construction will provide at least 3.3 mgd of treatment capacity and will replace an aging spray irrigation system.

Design & Construction of Huie Wetlands – These wetlands will be added to the existing Huie Land Application System (LAS) and will receive treated wastewater from the new Casey WRF. This is the first phase of wetlands design and construction that will eventually provide up to 15 mgd of water reclamation capacity at the Huie site. The existing land application system will provide the other 9 mgd needed to reclaim the treated wastewater from the Casey WRF.

Wastewater Conveyance System Improvements – This includes the rehabilitation of aging sewer lines to reduce infiltration and inflow, the addition of new sewer lines in high growth areas and the addition of a radio and computer controlled monitoring system for the over 20 sewage pump stations in our system.

Filter & Solids Dewatering Improvements at the Hooper Water Production Plant (WPP) – Parts of the Hooper WPP are over 40 years old. This project will include the renovation of the existing filters and piping and the addition of a more efficient solids dewatering system. The dewatering system will include a building to house two large presses that will remove water from the alum sludge.

Construction of Advanced Disinfection at the Hooper WPP – Advanced disinfection involves the construction of an additional disinfection system along with the existing chlorination system to insure we are providing our customers with the safest drinking water possible. This system will utilize ultra-violet light to deactivate any bacteria or viruses that might survive the initial treatment units.

Construction of Advanced Disinfection at the Smith WPP – This project is similar to the Hooper project but at the Smith WPP.

Construction of Advanced Disinfection at the Freeman Road WPP – This project is similar to the Hooper project but at the Freeman Road WPP.

Water Distribution System Improvements – This includes the replacement of aging water lines, the addition of new lines and pumps to improve water pressure in our water distribution system.

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Chairman McQueen stated that as the new Chairman of the Board that he would like to take just a minute of the Board's time. Mr. McQueen stated that he has served on the Board for a long time and that he operates a little bit differently than some of the past Board chairmen. Mr. McQueen stated that he strongly, after forty years of working with Boards or under Boards, believes that a Board member's responsibility is to make policy and set procedure under which the Authority should operate. Mr. McQueen stated that this is what he plans to do and that he will not try to micro manage the Authority. Mr. McQueen stated that he thinks that the Authority has a good General Manager in Wade

Brannan. Mr. McQueen stated that if he has any questions or anyone calls him with questions that he would in turn call Mr. Brannan to get answers to these questions. Mr. McQueen stated that he is going to depend on the legal advice of Mr. Fincher, Counsel for the Authority, to keep the Board meetings and Authority on the right track. Mr. McQueen stated that he appreciates all of the Board members offering to serve on the Authority's Board. Mr. McQueen requested that the Authority's two new Board members, Mr. Horton and Mr. Moore, meet with Mr. Brannan in order to receive information about the Authority.

There was discussion concerning the Authority hosting a dinner in recognition of Mr. Lane and Mr. Whitman along with a proclamation from both the Clayton County Board of Commissioners and the Authority Board.

There was discussion concerning the Authority's upcoming budget. Chairman McQueen stated that it is his opinion that there should be a meeting with all Board members in order to discuss the Authority's new budget.

Ms. Barber thanked Mr. Durham for the memo that was included in the Board package concerning the NAACP career fair summary.

There was discussion concerning the importance of the Authority receiving information concerning what is going on in the legislature and what impact this legislation would have on the Authority. It was also recommended that a copy of any legislation that would impact the Authority be forwarded to Board members.

Mr. Fincher updated the Board on the Authority's acquisition of the City of Riverdale's water and wastewater systems.

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

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

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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 stated that he would like to make the Board aware of the operational changes that he is planning for the Maintenance & Construction and Engineering Departments. Mr. Brannan stated that he has given consideration to these changes during the Authority's budget preparation. Mr. Brannan gave the Board information concerning these operational changes and how these changes would help improve the operations of these two departments. Mr. Brannan stated that he plans to move the Wastewater Maintenance section from Engineering to Maintenance and Construction, move the water line inspectors from Maintenance and Construction and combine them with the sewer line inspectors in Engineering and let Mike Thomas, Program Manager, oversee all aspects of the Engineering and Program Management areas.

Mr. Brannan updated the Board on the status of the improvement to the Authority's office complex phone system. Mr. Brannan stated that the final cost of these improvements would be around six thousand dollars (\$6,000) with a cost of eight hundred thirty five dollars (\$835) per month for the additional service.

Mr. Brannan gave the Board information concerning a refund check sent by the Authority to a customer. Mr. Brannan stated that someone intercepted this check and the amount of the check was changed. Mr. Brannan stated that this check was not cashed but caused the Authority a considerable amount of concern. Mr. Brannan stated that Mr. Conort is now working with vendors in order to find the Authority a check stock that would be more difficult for someone to alter. There was discussion concerning this information.

Mr. Brannan stated that he received a Boundary Line Agreement between Leo Harry Gorham and the Authority. Mr. Brannan showed on a map the location of this boundary line agreement at Conley Road and Jonesboro Road adjacent to the Authority's property. Mr. Brannan stated that the Authority is being asked to sign this boundary line agreement. Mr. Brannan stated that the Authority's surveyors confirmed that the boundary line described in this agreement does not conflict with the Authority's property line. Mr. Brannan stated that it is his recommendation that the Board authorize him to execute this Boundary Line Agreement. Mr. Brannan stated that after he signs this agreement he would then forward it to the County Commission for their approval and signature. There was discussion concerning this information.

Upon Motion by Wes Greene and seconded by Lindy Rogers it was unanimously

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RESOLVED: to accept the recommendation of Mr. Brannan and authorize the Chairman to execute this Boundary Line Agreement

Mr. Brannan stated that after having the staff review the security monitoring system in the headquarters building, he recommended an upgrade. There was discussion concerning this recommendation

**H.Q. SURVEILLANCE SYSTEM QUOTATION
DATE 02-26-01**

Quantity	DESCRIPTION	Extension Price
1	DVX 32000 DIGITAL RECORDER	\$ 8,957.00
7	8"CEILING DOME HOUSINGS	\$ 743.75
7	2BY2 PLATES FOR DOMES	\$ 185.50
7	LENS 1/3 BY 3.5-8 MM VARIFOCAL	\$ 574.00
9	PELCO CAMERAS 1/3 COLOR	\$ 2,196.00
2	LENS 1/3 BY 3.5-40 MM VARIFOCAL	\$ 286.88
2	COLOR SMOKE DETECTOR CAMERAS	\$ 290.00
2	WALL MOUNTS	\$ 30.28
50	CRIMP ON BNC CONNECTORS	\$ 36.25
1000'	RG59/18-2 SIAMESE CABLE	\$ 166.63
1	8 CAMERA POWER SUPPLY	\$ 75.99
1	NONINVENTORIED SUPPLIES	\$ 75.00
120 HRS	MAN HOURS	-----
	LEAD ELECTRICIAN @ 42.09HR	\$ 1,683.60
	ELECTRICIAN TECH. @ 32.69HR	\$ 1,307.40
	ELECTRICIAN HELPER @ 24.36HR	\$ 974.40
120 HRS	EQUIPMENT COST	-----
	UTILITY TRUCK @ 5.12HR	\$ 614.40
	PICKUP TRUCK @2.84HR	\$ 340.80
	TOTAL	\$18,538.08

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

RESOLVED: to accept the recommendation of Mr. Brannan for the security system upgrade at the headquarters building

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

Pete McQueen, Chairman

H. Lindy Rogers, Secretary/Treasurer