

CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road
Morrow, Georgia 30260

Regular Board Meeting July 6, 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, Marie Barber and Wesley E. Greene, Sr., General Manager, M. Wade Brannan, Deputy Manager, Terry R. Hicks, Department Managers, Frank Conort, Neal Wellons, Gary Howe, Herbert Etheridge, Jr., Guy Pihera and Richard Calhoun, Project Managers, Mike Thomas & Mike Buffington, Executive Secretary, Patricia Groover, Contracts & Procurements Administrator, Karen Riser, Human Resources Director, Ed Durham, Document Management Specialist, Andy Wells, Data Processing Supervisor, Rodney Crowell, Desktop Administrator, Paul Harris, Supervisor W.J. Hooper WPP, Stephen Tarpley, Supervisor Sludge Pelletizing, James Perkins and Irrigation Maintenance Foreman, Tommy Smith. Also present were: Steve Fincher, Fincher & Hecht, L.L.C., Rick Hirsekorn, of CH2M Hill, Chris Wood, of Jim Wood & Associates Public Relations, Marcia Bost, The Clayton Review and Cheryl Slough, Clayton News Daily.

Chairman Lane called on Paul Harris, Desktop Administrator, to give the invocation.

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.

Certification of Achievement Award: Chairman Lane stated that the Certificate of Achievement for Excellence in Financial Reporting is the highest form of recognition in the area of financial reporting. Mr. Lane stated that the Government Finance Officers Association of the United States presented this Certificate of Achievement for Excellence in Financial Reporting to Frank Conort, Manager of Administration and his accounting staff. Mr. Lane stated that Mr. Conort and his accounting staff have been presented with this award for the past thirteen (13) years.

Chairman Lane called for any omissions or additions to the minutes of the regular and executive called Board meetings on May 18, and May 26, 2000 and the regular and executive session Board meeting held on June 1, 2000, hearing none these minutes stand approved as received.

Review of Insurance Options: Chairman Lane called on Terry Hicks, Deputy Manager, who stated that he, Mr. Greene, Ms. Riser, and Mr. Conort met with the Authority's risk management consultant. Mr. Hicks stated that increasing limits

Regular Board Meeting
July 6, 2000
Page Two

for public official's liability, umbrella liability, fidelity bond and travel accident policy for Board members were reviewed at this meeting. Mr. Hicks stated that the travel accident policy covers up to two hundred fifty thousand dollars (\$250,000) on each Board member with an aggregate of one million two hundred fifty thousand dollars (\$1,250,000). Mr. Hicks stated that Mr. Greene authorized increasing the aggregate limit to one million seven hundred fifty thousand dollars (\$1,750,000) which will cover the amount of two hundred fifty thousand dollars (\$250,000) for each Board member in case all are traveling at the same time. Mr. Hicks distributed copies of a beneficiary designation form and stated that the insurance company has requested that each Board member fill out the requested information. Mr. Hicks stated that Mr. Greene authorized increasing the limits for (directors and officers) public official's liability to ten million dollars (\$10,000,000). Mr. Hicks stated that ten million is the maximum limit for the Authority's current insurance carrier and that Mr. Greene has requested that the Authority get additional quotes from other insurance carriers. Mr. Hicks stated that the additional cost per year of increasing the public officials limits to ten million would be two thousand nine hundred sixty one dollars (\$2,961) for this year. Mr. Hicks stated that the additional cost for this year to increase the travel accident aggregate limit to one million seven hundred fifty thousand dollars will be three hundred seventy five dollars (\$375). Mr. Greene stated that he and Mr. Hicks are still researching the umbrella liability and fidelity bond and will make recommendations at next months Board meeting. There was a general discussion concerning this information.

CCWA Industrial Surcharge: Chairman Lane called on Neal Wellons, Manager of Water Reclamation, who stated that he would like to update the Board on the Authority's industrial surcharge. Mr. Wellons stated that the industrial surcharge is what the Authority charges industries for excess chemicals or pollutants that industries discharge into the Authority's wastewater plants. Mr. Wellons stated that the Clorox Company had questions about the proposed industrial surcharge increase that he presented to the Board. Mr. Wellons stated that it is now his opinion that not only should the Authority have surcharges on BOD and solids but also charge for biological nutrient removal. Mr. Wellons, using the Clorox Company as an example, stating that the discharge coming from the Clorox Company into the Authority's wastewater plant has, at times, large amounts of chlorine slugs. Mr. Wellons stated that at the present time this is not a tremendous problem to the Authority's wastewater plants. Mr. Wellons stated that when the Authority starts the process of upgrading the wastewater plants and initiates nutrient removal there would be a different group of microorganisms doing some of the treatment. Mr. Wellons stated that these microorganisms are very sensitive to toxins. Mr. Wellons stated that he would like to request that his original industrial surcharge proposal

be tabled, at this time. Mr. Wellons stated that he would now like to ask the Board's approval to have CH2MHill give the Authority a cost proposal of what they would charge to do an overall pretreatment detailed analysis for the Authority. Mr. Wellons stated that this pretreatment detailed analysis would address the related issues of industrial waste discharges, pretreatment requirements, and surcharges for conventional pollutants and

Regular Board Meeting
July 6, 2000
Page Three

nutrients. Mr. Wellons stated that this study would also determine local discharge limits, prohibited discharges, and surcharges for current and future pollutants. There was a general discussion concerning the length of time that the Authority would give industries to make required improvements. Mr. Wellons stated that the Authority generally gives a two-year consent order to industries when they are required to do major construction improvements. There was a general discussion concerning this information. Mr. Hirsekorn stated that it would take approximately two months for CH2MHill, working with the Authority's staff, to complete this pretreatment detailed analysis.

Report of Out of County Septage: Chairman Lane called on Neal Wellons, Manager of Water Reclamation, who stated that at last months Board meeting he was asked to bring the Board a report on other counties that bring their septage into Clayton County to be treated at the Authority's W.B. Casey Water Reclamation Plant. Mr. Wellons requested that Board members look at the information titled Septage Discharges at W.B. Casey (May15-June 14, 2000) that was included in the Board package. Mr. Wellons went over and discussed this information and stated that this report shows that about half of the septage comes from Clayton County and the other half from other counties. Mr. Wellons gave the Board information on the process that is used at the Casey WRP to determine where the septage comes from. Mr. Wellons stated that there needs to be a Board decision regarding the Authority charging the same amount for all septage, brought to the Casey WRP, or come up with a two-tier approach for in county and out of county septage. There was a discussion concerning this information and what the Authority should charge for septage from other counties brought into Clayton County for the Authority to treat. There was a discussion concerning how the Authority can monitor septage from other counties in order to charge higher rates to treat this septage. There was Board agreement that the Authority's surcharge should include the Authority's total cost to treat septage, including the administration cost. The Board requested that Management bring information back to the Board concerning what the Authority's cost would be to implement a two-tier septage rate for in county and out of county and bring a recommendation to the Board

SEPTAGE DISCHARGES AT W.B. CASEY (MAY 15 – JUNE 14,2000)

This information comes from the manifest left with each load that was discharged. Each load has an average volume of 2,000 gallons.

<u>County of Origination</u>	<u>Number of Loads</u>	<u>% of the Total</u>
1.) Clayton	103	47.2
2.) Coweta	33	15.1
3.) Fayette	27	12.4

Regular Board Meeting
July 6, 2000
Page Four

4.) Henry	21	9.6
5.) Unknown***	13	6.0
6.) Fulton	12	5.5
7.) Spalding	3	1.4
8.) DeKalb	2	< 1
9.) Cherokee	1	< 1
10.) Gwinnett		
11.) Newton	1	< 1
12.) Rockdale	1	< 1

Total number of loads discharged = 218

*** Unknown means septage come from portable toilets/septic tanks in multiple counties or the county line on the manifest was left blank.

Recognition of Water Reclamation Employees: Chairman Lane called on Neal Wellons, Manager of Water Reclamation, who introduced James Perkins and stated that he would like to give recognition to Mr. Perkins who is the Supervisor of the Pelletizing operation at W.B. Casey WRP. Mr. Wellons gave the Board information concerning Mr. Perkins excellent qualities that are beneficial to the Authority and the reasons why he should be given recognition for these qualities. Mr. Wellons stated that one of the qualities that he would like to recognize Mr. Perkins for is his ability of listening and talking with people. Mr. Wellons stated that by listening and talking to people that Mr. Perkins has developed ideas on how to improve the Authority's Pelletizing Operation. Mr. Wellons discussed some of the improvements that Mr. Perkins initiated in the Pelletizing operation and how these improvements have saved the Authority money in

operational cost. Mr. Lane presented Mr. Perkins with the first ever Gung Ho Award for being an outstanding employee and doing an exceptional job for the Authority.

Recognition of Water Production Employees: Chairman Lane called on Guy Pihera, Manager of Water Production, who stated that he would like to introduce Stephen Tarpley, the new Supervisor at the W.J. Hooper Water Production Plant. Mr. Pihera stated that Mr. Tarpley was promoted to this position when Byron Lawrimore, Supervisor of the W.J. Hooper WPP, retired after 29 years of dedicated service to the Authority. Mr. Pihera gave the Board information about Mr. Tarpley and discussed his work history with

Regular Board Meeting

July 6, 2000

Page Five

the Authority. Mr. Pihera congratulated Mr. Tarpley on his promotion and stated that it is his opinion that Mr. Tarpley will be an asset to the Authority as Supervisor of the W.J. Hooper WPP.

Water Conservation Update and System Status: Chairman Lane called on Guy Pihera, Manager of Water Production, who distributed copies of a chart showing the status of the Authority's raw water reserves compared to what the raw water reserves would have been if not for the new Shoal Creek Reservoir. Mr. Pihera gave the Board information concerning the Authority's raw water reserves and went over and discussed the information on the raw water reserve chart. Mr. Pihera stated that the Authority now has 71% of its raw water reserves. Mr. Pihera stated that at the start of this year the Authority had 86% of its raw water reserves. Mr. Pihera stated at that time the Shoal Creek Reservoir was 2.5 feet down and is currently 9.8 feet below full. Mr. Pihera stated that the Authority has been withdrawing water from the Shoal Creek reservoir over the past few months at a loss of about 1% of our raw water reserves per week. Mr. Pihera reported on the rainfall during this time period and the amount of water that the Authority has been able to withdraw from the Flint River. Mr. Pihera stated that the Authority is also purchasing as much water as possible from the City of Atlanta and DeKalb County. Mr. Pihera stated that the Authority is purchasing, on the average, about 4.2 million gallons per day of water. Mr. Pihera stated that by purchasing this amount of water the Authority is able to hold onto some of its raw water reserves. There was a general discussion concerning the cost to the Authority to purchase water from the City of Atlanta and DeKalb County. There was also a discussion concerning the amount the Authority charges other counties who purchase water from the Authority.

Government Circle Lift Station Equipment Bid and Installation Bid: Chairman Lane called on Richard Calhoun, Manager of General Services, who stated that the General Services department requested bids for two items. Mr. Calhoun distributed copies of these two bid tabulation sheets. Mr. Calhoun stated that one of the bid tabulation sheets is for the Government Circle lift station equipment and the other bid tabulation sheet is for the cost of installing the lift station equipment. Mr. Calhoun stated that it is his recommendation that the Board approve the low bid for both of these items.

Mr. Calhoun stated that there was a considerable spread, for the installation cost, between the low bidder and the other bids. Mr. Calhoun stated that he checked the qualifications of the low bidder and that the low bidder rechecked his numbers and reexamined the lift station and was satisfied that his bid price was correct. Mr. Calhoun stated that he also looked at past lift stations similar to this lift station and the bid amount of twelve thousand five hundred dollars (\$12,500) is in line. Mr. Calhoun stated that it is his opinion that the reason the bids from other vendors are so high is because they are extremely busy and have more work than they can handle. Mr. Calhoun stated that he feels comfortable with the bid from S.Q. Company, Inc.

Regular Board Meeting
 July 6, 2000
 Page Six

Clayton County Water Authority
 Government Circle Lift Station Equipment
 Bid Tabulation Sheet
 June 2000

BIDDER	TOTAL BID
Southern Sales 2929 Kraft Drive Nashville, TN 37204	\$35,350.00
Templeton & Associates Suite 201 3585 Lawrenceville Suwannee Road Suwannee, GA 30024	\$34,357.00
Jim House & Associates 24312 Highway 98 Fairhope, AL 36533	\$39,111.00
EmoryWILSON 4110 Sheraton Court Greensboro, NC 27410	\$36,950.00

Clayton County Water Authority
 Government Circle Lift Station Installation
 Bid Tabulation Sheet
 June 2000

BIDDER	TOTAL BID
Macba Sewer & Pipeline, Inc. 117 Park West Drive McDonough, GA 30253	\$22,565.00

Strickland & Sons Pipeline 1551 Fullenwider Road Gainesville, GA 30507	No Bid Returned
Gary's Grading & Pipeline Co., Inc. 7434 Highway 81 Monroe, GA 30656	No Bid Returned
Tom Davidson & Sons 79 School Road Sunnyside, GA 30284	\$27,500.00
S.Q. Company, Inc. P.O. Box 426 Flowery Branch, GA 30542	\$12,500.00
Paramount Grading 4405 Canton Highway Cumming, GA 30040	\$42,000.00

Regular Board Meeting
July 6, 2000
Page Seven

Upon Motion by Wes Greene and seconded by Don Whitman it was unanimously

RESOLVED: to accept the low bid from Templeton & Associates with a bid price of thirty four thousand three hundred fifty seven dollars (\$34,357) to furnish the Authority with the Government Circle lift station equipment contingent upon approval of insurance as required by the specifications and to accept the low bid from S.Q. Company, Inc. with a bid price of twelve thousand five hundred dollars (\$12,500) for the installation of the Government Circle lift station equipment, 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 & Construction who discussed the information in the Water & Revenue Recovery Report and Leak Detection Monthly Report that were distributed in the Board packages. Mr. Etheridge discussed the information on the failing meter recap sheet and stated that detection of these failing meters was due to the program that Rodney Crowell, Supervisor of Information Services, and his staff wrote for the Authority. Mr. Etheridge stated that if these nine failing meters had not been detected, before their scheduled retest date for next year, the cost to the Authority would have been one hundred seventy seven thousand four hundred sixty four dollars and forty cents (\$177,464.40). Mr. Etheridge stated that since the leak detection program was started that the Authority has tested one hundred forty four miles (144) of water lines, which is 3.5% of the Authority system. Mr. Etheridge stated that since the leak detection program was started that two hundred fifty eight

thousand sixty nine dollars and twenty cents (\$258,069.20) in water loss has been found. Mr. Etheridge gave the Board information on the cost to the Authority to repair a 6" water line in Jonesboro. Mr. Etheridge discussed the chart that was included in the Leak Detection Report, which shows if you have a water leak, what the yearly amount of water loss would be and what the yearly cost of the water leak would be. There was a general discussion concerning this information. The Board requested that this chart be sent to the Authority's customers, in their water bill, in order to show the Authority's customers what the yearly water loss and yearly cost would be if they have a water leak in their home.

Excavator Bids and Trailer Bids: Chairman Lane called on Herbert Etheridge, Manager of Maintenance & Construction, who distributed copies of two bid tabulation sheets, one for the purchase of two excavators and one for the purchase of two trailers that will be used to transport the excavators to the job site. Mr. Etheridge stated that his department now has two mini excavators, which are used to install 2" water mains needed for the installation of water meters. Mr. Etheridge stated that these two mini excavators have exceeded their useful life and need to be replaced. Mr. Etheridge stated that it is his recommendation that the low bid for the purchase of two Takeuchi excavators be accepted.

Regular Board Meeting
July 6, 2000
Page Eight

Clayton County Water Authority
Excavator
Bid Tabulation Sheet
July 2000

BIDDER	TOTAL BID
Wade Tractor and Equipment 1286 Ann Street Griffin, GA 30223	No Bid Returned
METRAC 4500 Wendell Drive Atlanta, GA 30336-1686	\$49,660.00/each \$99,320.00/total JD 50ZTS
Stith Equipment Company 5732 Morrow Road Forest Park, GA 30050	\$46,521.00/each \$93,042.00/total Komatsu PC45R-8E
Yancy Brothers Co., Inc. P.O. Box 43326 Atlanta, GA 30378	No Bid

Perimeter Bobcat 6972 Best Friend Road Atlanta, GA 30340	\$45,222.00/each \$90,444.00/total Bobcat 337
Lashley Tractor Sales 6953 Covington Highway Lithonia, GA 30058	\$50,559.00/each \$101,118.00/total Kubota KX161-2
Takeuchi 1525 Broadmoor Blvd. Buford, GA 30518	\$45,200.00/each \$90,400.00/total TB 145
Burch-Lowe 5710 Riverview Road Mableton, GA 30059	\$49,447.00/each \$98,894.00/total Kobelco 45SR

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

RESOLVED: to accept the low bid from Takeuchi with a total bid price of ninety thousand four hundred dollars (\$90,400) to purchase two Takeuchi excavators.

Mr. Etheridge stated that the next bid item that he would like for the Broad to approve is for two trailers, which will be used to transport the two excavators. Mr. Etheridge stated that he has money in his budget to cover the cost of the two trailers. Mr. Etheridge stated that it is his recommendation that the low bid from Hooper Trailer Sales, Inc. be accepted.

Clayton County Water Authority
10-Ton Tandem Dual Equipment Trailer
Bid Tabulation Sheet
July 2000

Regular Board Meeting
July 6, 2000
Page Nine

BIDDER	TOTAL BID
Prime Equipment 1789 Forest Parkway Lake City, GA 30260	No Bid Returned
Hooper Trailer Sales, Inc. 2245 Bethel Church Road Monticello, GA 31064	\$5,775.00/each \$11,550.00/total
Fontaine Truck Equipment 1578 Old Dixie Highway Forest Park, GA 30051-0278	No Bid
Custom Trailer, Inc. 362 Aerodrome Way Griffin, GA 30223	\$7,555.00/each \$15,110.00/total

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

RESOLVED: to accept the low bid from Hooper Trailer Sales, Inc. with a bid price of eleven thousand five hundred fifty dollars (\$11,550) for the purchase of two trailers.

4 WD Backhoe Recommendation: Chairman Lane called on Herbert Etheridge, Manager of Maintenance & Construction, who stated that in December when the Authority started the leak detection crew the Board approved the purchase of a four-wheel drive John Deere backhoe from METRAC. Mr. Etheridge stated that he has budgeted for an additional four-wheel drive backhoe. Mr. Etheridge stated that he has talked with METRAC and they have agreed to extend their original bid from December. Mr. Etheridge stated that he would like the Board's authorization to purchase an additional four wheel drive John Deere backhoe from METRAC for the same bid price, from December, of forty nine thousand four hundred seventy nine dollars (\$49,479).

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

RESOLVED: to authorize the purchase of a four wheel drive John Deere backhoe from METRAC for the same bid price from December 1999 of forty nine thousand four hundred seventy nine dollars (\$49,479).

Change Order for Line 8: Chairman Lane called on Herbert Etheridge, Manager of Maintenance & Construction, who stated that he has a change order for the installation of water line number 8. Mr. Etheridge stated that the work on line number 8 was completed last week and that he is in the process of getting this line in service. Mr. Etheridge stated that this is the next to last change order. Mr. Etheridge stated that the last change order for this project would have a lot of negative numbers. Mr. Etheridge stated that Mr. McQueen had reviewed this change order. Line 8 change order number 6 for Gary's

Regular Board Meeting

July 6, 2000

Page Ten

Grading and Pipeline Co., Inc. is for additional asphalt, sidewalk replacement, curbing replacement, fescue grassing, 45° bend and hydrant in the amount of forty seven thousand two hundred forty eight dollars (\$47,248).

Upon Motion by Pete McQueen seconded by Don Whitman it was unanimously

RESOLVED: that line 8 change order number 6 for Gary's Grading and Pipeline Co., Inc. for additional asphalt, sidewalk replacement, curbing replacement, fescue grassing, 45° bend and hydrant in the amount of forty seven thousand two hundred forty eight dollars (\$47,248) be approved.

GPS Equipment Bids: Chairman Lane called on Gary Howe, Manager of Engineering, who stated that he would like to request the Board's approval for the purchase of GPS equipment. Mr. Howe stated that he has fifty five thousand dollars (\$55,000) in this year's budget for the purchase of the GPS equipment. Mr. Howe stated that this equipment would be used in the GIS system to locate valves, manholes, etc. Mr. Howe stated that it is his recommendation that the low bid from Navigation Electronics, Inc. with a bid of fifty-three thousand nine hundred ninety dollars (\$53,990.) be approved.

Clayton County Water Authority
GPS Equipment
Bid Tabulation Sheet
June 2000

BIDDER	TOTAL BID
Measuronic, Inc. 500 South Florida Ave. Suite 639 Lakeland, FL 33801	No Bid Returned
Trimble Navigation, LTD. 100 W. McNab Road Suite 233 Pompano Beach, FL 33069	\$64,715.00
Navigation Electronics, Inc. 7094 Peachtree Industrial Blvd. Suite 245 Norcorss, GA 30071	\$53,990.00
Ace Wireless Systems, Inc. 6055 N. Henry Blvd. Stockbridge, GA 30281	Bid Incorrect Equipment

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

RESOLVED: to accept the low bid from Navigation Electronics, Inc. with a bid price of fifty three thousand Nine Hundred Ninety dollars (\$53,990) for the purchase of GPS Equipment.

Regular Board Meeting

July 6, 2000

Page Eleven

Bartlett Road and Rum Creek Sewer Improvement Update: Chairman Lane called on Gary Howe, Manager of Engineering, who distributed copies of the payment certificates for the Bartlett Road Outfall and Rum Creek Road Outfall Phase III for sewer improvements. Mr. Howe stated that he would like to update the Board on these two projects. Mr. Howe gave the Board information on the Bartlett Road outfall project and stated that this project has been put on hold because of a condemnation case with a property owner. Mr. Howe stated that the condemnation case is scheduled for a hearing on July 31. Mr. Howe stated that this project is about 50% complete and once the condemnation case is settled should only take two to three weeks to complete. Mr. Howe stated that the Authority made a payment on this project of thirty six thousand six

hundred fifty four dollars and twenty-five cents (\$36,654.25). Mr. Howe gave the Board information on the Rum Creek Road Outfall Phase III project and stated that this project is for the completion of the entire Rum Creek outfall line. Mr. Howe stated that the first phase of this project was the outfall line coming from the W.B. Casey WRP. Mr. Howe stated that the first phase eliminated one lift station. Mr. Howe stated that the second phase of this project was to set the new lift station, build additional gravity line and carry the force main over to the gravity line of the first phase and eliminate two more lift stations. Mr. Howe stated that the third phase, which was just completed, eliminated three lift stations. Mr. Howe stated that the completion of this project eliminated six lift stations that were below ground and installed in the sixties or seventies. Mr. Howe stated that the elimination of these lift stations saved the Authority about six hundred thousand dollars (\$600,000) by not having to upgrade these lift stations. Mr. Howe stated that the bid for this project was two hundred forty eight thousand eight hundred thirty seven dollars and fifty cents (\$248,837.50). Mr. Howe stated that he estimates that the final cost of this project should come in around sixty thousand below the bid amount. There was general discussion concerning this information.

Mr. Lane presented Mr. Howe with the number two Gung Ho Award for being an outstanding employee.

Radio Channel Communication Improvements: Chairman Lane called on Wade Brannan, General Manager, who stated that there are times when the Authority's personnel have problems with radio communication. Mr. Brannan stated that the radio communication problem, at times, interferes with the work production of the Authority. Mr. Brannan stated that he contacted Clayton County's radio shop about the Authority buying an additional radio channel frequency. Mr. Brannan stated that the County radio shop informed him that they have one additional radio channel frequency ready to be put into service. Mr. Brannan stated that it is his opinion that it would be in the best interest of the Authority to go ahead and have this radio channel frequency put in operation. Mr. Brannan stated that the county radio shop estimated that the cost to the Authority for materials to have this radio channel frequency put into service would be a little over twenty one thousand nine hundred dollars (\$21,900). Mr. Brannan stated that he is requesting the Board's authorization to go ahead with the process of installing this radio channel frequency for the Authority.

Regular Board Meeting

July 6, 2000

Page Twelve

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

RESOLVED: that the Board authorizes Mr. Brannan to proceed with the process of the installation of this radio channel frequency for the Authority at an estimated cost of twenty one thousand nine hundred dollars (\$21,900).

Parking Lot Construction Update: Chairman Lane called on Wade Brannan, General Manager, who stated that he would like to bring the Board up to date on the

Authority's new parking lot. Mr. Brannan stated that this parking lot is under construction behind the office complex in the vicinity of the warehouse building. Mr. Brannan stated that this parking lot would provide the Authority with some additional parking when the Authority's sewer maintenance shop is relocated into this area. Mr. Brannan stated that the county agreed to construct this parking lot for approximately twenty six thousand dollars (\$26,000) in material cost. Mr. Brannan stated that there was forty thousand dollars (\$40,000) budgeted for this project, which will cover the cost of the parking lot and additional improvements that are needed. Mr. Brannan stated that these additional improvements include gates that will automatically open and close when the Authority's work crews go out or come in. Mr. Brannan stated that these automatic gates would prevent a security problem with unauthorized individuals coming in while the Authority's work crews are out. Mr. Brannan stated that when the parking lot construction is complete, with the county doing the paving, there should be about ten thousand dollars left from the budgeted amount. Mr. Brannan stated that this project should be complete by the next Board meeting.

Chairman Lane discussed the increase in the number of Authority customers that come into the office complex for assistance in the customer service area. Mr. Conort, Manager of Administration, stated that the increase in customers in the office complex for assistance varies from month to month. Mr. Conort stated that he did not think, at this time, that this was an immediate problem. Mr. Lane stated that there is also a 50% increase of customers who call into the office complex on the phone. Mr. Conort stated that the Authority is looking into the possibility of having additional phone lines installed. There was a discussion concerning the reason for this additional phone activity from customers.

Chairman Lane stated that the Authority's community use/training room was used twenty-eight (28) times this past month. Chairman Lane gave the Board information about the WEFTEC Conference for wastewater and environmental technology, which will be held in Anaheim California on October 14th through the 18th. Mr. Lane encouraged Board members to attend this conference.

Chairman Lane requested a break at 2:35 p.m.

Chairman Lane called the meeting back to order at 2:45 p.m.

Regular Board Meeting

July 6, 2000

Page Thirteen

Water Resources Initiative 2000 Resolution: Chairman Lane called on Mike Thomas, Program Manager, who stated that Board members received a copy of the Water Resources Initiative 2000 Resolution 2000-04 in their Board packages. Mr. Thomas stated that he and Mr. Buffington developed a logo and mission statement which refers to the Master Plan projects as the Clayton County Water Authority Water Resources Initiative 2000 Resolution 2000-04. Mr. Thomas stated that this resolution was created in

order to make the Authority's Master Plan title a little more publicly recognizable and public friendly. Mr. Thomas stated that with the adoption of this Resolution the Authority would have a guiding statement and purpose for the Master Plan work. Mr. Thomas went over and discussed the information in the CCWA Water Resources Initiative 2000 Resolution 2000 - 04. Mr. Thomas gave the Board information about the public awareness campaign that he and other Authority personnel will be conducting. Mr. Thomas stated that the public awareness campaign would be to inform concerned groups and the public about the Authority's capital improvement and watershed assessment programs. Mr. Thomas stated that the Authority's goal in presenting this information to the public is to raise public awareness of water resource issues and gain public support for the Authority's programs. Mr. Thomas stated that he would like for the Board to consider formally adopting the Authority's Master Plan as the Clayton County Water Authority Water Resources Initiative 2000, which will establish the Resolution 2000-04 as the Authority's mission and goal.

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

RESOLVED: that the Board formally adopts the Authority's Master Plan as the Clayton County Water Authority Water Resources Initiative 2000 which will establish this Resolution 2000-04 as the Authority's mission and goal.



**WATER RESOURCES INITIATIVE 2000
CLAYTON COUNTY WATER AUTHORITY**

RESOLUTION 2000 - 04

WHEREAS, the Clayton County Water Authority was created to construct, maintain and operate the infrastructure needed to provide adequate water and wastewater service to the citizens of Clayton County and the adjoining neighbors; and,

WHEREAS, the Clayton County Water Authority is dedicated to the proposition that sound planning and financing are dependent upon a defined plan of expansion and upgrade of its water and wastewater systems; and,

Regular Board Meeting

July 6, 2000

Page Fourteen

WHEREAS, the Clayton County Water Authority has formally accepted, in a regularly scheduled meeting of the Clayton County Water Authority, the recommendations of CH2M HILL, the Authority's consulting engineers, outlined in Master Plan 2000 for Clayton County Water Authority;

NOW, THEREFORE, BE IT RESOLVED, that the Clayton County Water Authority does hereby approve and adopt Water Resources Initiative 2000 (formerly known as Master Plan 2000) and does hereby endorse the following Mission and Objectives of Water Resources Initiative 2000 and does hereby commit itself to the expansion and upgrade of its water and wastewater systems in the most efficient and safe manner possible.

MISSION

Make wise use of our water resources; ensure a dependable and safe water supply; provide efficient water and wastewater service for our customers; and improve water quality in our streams through the development of capital improvement programs in a financially responsible and safety conscious manner.

OBJECTIVES

Achieve excellence in environmental stewardship

- Develop facilities that will achieve compliance with all environmental regulations
- Develop facilities that provide opportunities for environmental education
- Develop facilities that promote water conservation and wise water use
- Deliver the capital improvements program without a permit violation at any facility

Deliver projects in the most cost effective manner considering full life cycle costs

- Deliver each project on schedule and within budget
- Give strong consideration to O&M costs and construction efficiency during design of projects
- Let value drive our decisions, not simply cost, by considering facility quality, operational and maintenance considerations

Deliver each project with the safety of Water Authority and contract personnel given the highest priority

- Strive for no lost-time accidents
- Strive for an overall safety record significantly better than the national average for heavy construction

Make all stakeholders, internal and external, private and public, partners in the Program

- Communicate the Program goals to all stakeholders
- Allow adequate opportunities for input by Water Authority personnel, regulators, contractors and the public through proactive communication programs
- Minimize operational disruptions to all facilities
- Develop positive partnerships with Water Authority employees, regulators and contractors

Regular Board Meeting

July 6, 2000

Page Fifteen

Continue the Water Authority tradition of being an innovative leader in the water and wastewater industry

- Deliver innovative projects that support the Water Authority's needs and provide an example for our neighbors and other communities
- Deliver award winning projects
- Communicate our successes to the industry and other stakeholders

SO RESOLVED this _____ day of July 2000

Joe T. Lane, Chairman

 Donald E. Whitman,
Vice Chairman

 H. Lindy Rogers,
Secretary-Treasurer

 Pete McQueen

 Lloyd Joiner

 Marie Barber

 Wesley E. Greene, Sr.

 Steven M. Fincher
 Attorney for CCWA

Lift Station SCADA System: Chairman Lane called on Mike Thomas, Program Manager, who stated that he has one Master Plan task order for the Board's consideration. Mr. Thomas stated that Task Order BO-00-07 is to provide a master plan for Supervisory Control and Data Acquisitions (SCADA) systems for the Authority including wastewater lift stations. Mr. Thomas stated that the Authority started using this type of system at the new Freeman Road WPP. Mr. Thomas stated that the SCADA system at the Freeman Road WPP is able to read the levels of the water in the Authority's water tanks that are located throughout the county. Mr. Thomas stated that the SCADA system is also able to turn pumps on and off, which allows the Authority's personnel to control the distribution system from the office at the Freeman Road WPP. Mr. Thomas stated that the Authority wants to implement something similar for the Authority's wastewater lift stations. Mr. Thomas gave the Board an informational and slide

Regular Board Meeting
 July 6, 2000
 Page Sixteen

presentation on what the SCADA system task order addresses, which is development of comprehensive Water Authority Master Plan for SCADA, radio path study, and schematic design for a lift station SCADA system. Mr. Thomas gave the Board information on why the SCADA system is critical to the Authority's wastewater system. Mr. Thomas stated that the total amount of this task order is seventy seven thousand seventy-eight dollars (\$77,078). Mr. Thomas stated that this task order would be followed by a detailed design task order for the SCADA system. Mr. Thomas stated that there is a total of two hundred thousand dollars (\$200,000) in the Authority's FY 2001 budget for this project.

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

RESOLVED: to approve Task Order NO. BO-00-07 in the amount of seventy seven thousand and seventy-eight dollars (\$77,078) for a master plan for Supervisory Control and Data Acquisitions (SCADA) systems for the Authority including wastewater lift stations.

General Office Architectural Proposal: Chairman Lane called on Mike Buffington, Program Manager, who stated that the Authority received a fee proposal and proposed contract from Manley Spangler Smith Architects, for the addition to the Authority's office complex. Mr. Buffington stated that the projected construction cost should fall in the one million nine hundred thousand dollars (\$1,900,000) to two million five hundred thousand dollar (\$2,500,000) range. Mr. Buffington stated that this cost is based on a one hundred fifty (\$150) to two hundred dollars (\$200) per square foot price. Mr. Buffington stated that this cost also includes additional work in the lobby, additional work in the existing office complex and finishing all three floors of the expansion. Mr. Buffington stated that the proposed fee from Manley Spangler Smith Architects is 8% of the construction cost. Mr. Buffington stated that this fee includes schematic design, design development, construction documents, bidding or negotiation and construction oversight. Mr. Buffington stated that the projected construction start date would be early in 2001. Mr. Buffington stated that he is requesting that the Board approve the proposal from Manley Spangler Smith Architects for the addition to the Authority office complex and authorize the General Manager to sign the contract document. There was a discussion concerning this information, the 8% fee and what the construction cost includes.

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

RESOLVED: that the Board approve the proposal, with a cap of no more than 8% of the final construction cost, from Manley Spangler Smith Architects for the schematic design, design development, construction documents, bidding or negotiation and construction oversight of the Authority's office complex expansion, contingent upon approval of insurance as required by the specifications and authorize the Manager to sign any contract documents.

Shoal Creek WRF Project Status: Chairman Lane called on Mike Buffington, Program Manager, who gave an informational and slide presentation of the Shoal Creek WRF expansion and upgrade project status. Mr. Buffington stated that the Shoal Creek WRF project includes the expansion and upgrade of the existing facility to treat 4.4 MGD, average daily flow. Mr. Buffington stated that the Shoal Creek WRF treatment process would include biological nutrient removal, which is required for further treatment at the constructed wetlands. Mr. Buffington stated that after the Shoal Creek WRF effluent has completed the treatment cycle of the constructed wetlands it will then be pumped to the Shoal Creek Reservoir. Mr. Buffington stated that the construction documents were submitted to Georgia EPD for review on June 21, 2000. Mr. Buffington stated that the CCWA Program Management and plant personnel are also conducting a final review of the plans and specifications. Mr. Buffington stated that the Authority anticipates advertising for construction bids on the project August 11, 2000. Mr. Buffington stated that there would be a pre-bid meeting September 6, 2000 with the bid opening September 21, 2000. Mr. Buffington stated that bid recommendations would be presented at the October Board meeting.

W.B. Casey WRF Design Update: Chairman Lane called on Mike Buffington, Program Manager, who gave an informational and slide presentation of the W.B. Casey Water Reclamation Facility design update. Mr. Buffington gave the Board information on the operations of the W.B. Casey WRF and R.L. Jackson WRF showing how these two plants are related. Mr. Buffington stated that CH2MHill is working on the project definition and schematic design phase of the W. B. Casey WRF. Mr. Buffington stated that Authority personnel are involved in this process and we have had two workshops to discuss the design of the facility. Mr. Buffington stated that, during these workshop discussions, CH2MHill proposed a one-plant concept, which would combine the wastewater from the R.L. Jackson and W.B. Casey WRF. Mr. Buffington stated that this combined wastewater would be treated at a new plant constructed on the recently purchased property adjacent to the W.B. Casey WRF. Mr. Buffington stated that the effluent from this proposed new plant would then be pumped directly to the Huie LTF. Mr. Buffington stated that this combined plant option has several design, construction, operation and maintenance advantages. Mr. Buffington discussed the advantages to the Authority of this combined plant concept. Mr. Buffington stated that the two existing plants would stay in operation until the completion of the new plant. Mr. Buffington showed the Board a diagram of the location and the conceptual design of the new plant. There was general discussion concerning this information with Mr. Buffington providing additional information and answering questions. Mr. Buffington called on Rick Hirsekorn with CH2MHill who gave the Board information on the cost of the one plant concept and how this will fit in the overall Master Plan budget. Mr. Hirsekorn stated that by looking at the Master Plan cost to expand the R.L. Jackson and W.B. Casey WRF individually, that CH2MHill believes that the capital cost of going with the one plant concept will be no more than equal to the individual cost to construct two plants. Mr.

Regular Board Meeting
July 6, 2000
Page Eighteen

Hirse Korn also discussed the advantages to the Authority of the one plant concept. There was general discussion concerning this information with Mr. Hirsekorn and the Authority's staff giving additional information and answering questions. Mr. Buffington requested the Board's approval of the Authority going with the one water reclamation facility concept in lieu of expansion and upgrade of the two water reclamation facilities individually.

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

RESOLVED: to approve the Authority going with the one water reclamation facility concept in lieu of expansion and upgrade of the two water reclamation facilities.

Mr. Brannan gave the Board information concerning the Authority receiving recognition from the Governor of Georgia by being presented with the Governor's Award for Workplace Learning.

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 Lindy Rogers and seconded by Wes Greene it was unanimously

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

Mr. Whitman left the executive session Board meeting at 4:00 p.m.

Chairman Lane called the regular session Board meeting back to order.

There was discussion in the executive session Board meeting concerning attorney fees for Mr. Tim Jones, former Authority Board member.

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

RESOLVED: that the Authority pays the one thousand nine hundred thirty seven dollars and fifty cents (\$1,937.50) for attorney fees for Mr. Tim Jones.

Wade Brannan, General Manager, gave the Board information concerning the Authority's purchase of two S10 pickup trucks, off of the State bid, for approximately twelve thousand dollars each (\$12,000). Mr. Brannan stated that the Board approved the purchase of these trucks, which will be used in the meter reading section.

Regular Board Meeting
July 6, 2000
Page Nineteen

Mr. Brannan gave the Board information concerning the Authority's proposed contract with Manley Spangler Smith Architects. Mr. Brannan stated that Manley Spangler Smith Architects wants to use an AIA contract and this is an issue that Mr. Fincher, Attorney for the Authority, might need to address.

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

RESOLVED: that the regular session Board meeting be adjourned.

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

Joe T. Lane, Chairman

H. Lindy Rogers, Secretary/Treasurer