

CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road
Morrow, Georgia 30260

Regular Board Meeting August 1, 2002

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

Present at the meeting were: Chairman, Pete McQueen, Vice Chairman, Lloyd Joiner, Secretary/Treasurer, Lindy Rogers, Board Members, 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, Herbert Etheridge, Jr., Guy Pihera, Richard Calhoun and Mike Thomas, Executive Secretary, Patricia Groover, Assistant Manager of Administration, Scott Bailey, Project Manager, Mike Buffington, Contract & Procurement Administrator, Karen Riser, Administrative Secretary, Dianne Hammock, Human Resources Director, Ed Durham, Compensation & Benefits Coordinator, Michelle Mirzaiee, Training Coordinator, Tamika Fitzpatrick, Information Services Supervisor, Rodney Crowell, Maintenance Coordinator, Tony Ferrari and Storekeeper, Norris Howell. Also present were: Steve Fincher, Fincher & Hecht, L.L.C., Rick Hirsekorn, of CH2M Hill, Chris Wood and Todd Mason, of Jim Wood & Associates Public Relations, Visitors, Patricia Coe and Dutch Heineck, Bell South Business.

Chairman McQueen called on Norris Howell, General Services Storekeeper, to give the invocation.

Chairman McQueen called for any omissions or additions to the minutes of the regular and executive board meeting on July 9, 2002, hearing none these minutes stand approved as presented.

Financial and Statistical Report: Chairman McQueen called on Frank Conort, Manager of Administration, who presented the monthly financial and statistical report. There was discussion concerning this information with questions. Mr. Conort and Mr. Brannan answered questions and gave additional information. This report was received for information.

Chairman McQueen called on Ed Durham, Human Resources Director, who introduced Tamika Fitzpatrick, the Authority's new Training Coordinator. Mr. Durham gave the Board information on Ms. Fitzpatrick's prior work history and stated that she comes to the Authority highly qualified with a lot of experience. Mr. Durham stated that he is pleased to have Ms. Fitzpatrick as a new employee in the Authority's Human Resources Section.

Chairman McQueen called on Guy Pihera, Manager of Water Production, who presented an update on the status of the Authority's water production and raw water

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reserve. Mr. Pihera discussed the information shown on the Water Supply Weekly Update for July 29, 2002 that was distributed to the Board and stated that the Authority's raw water reserve is now at 91% capacity. Mr. Pihera stated that the Authority's water production during the first seven months of this year is slightly higher compared to the first seven months of last year. Mr. Brannan gave information concerning the Authority's reservoirs and stated that the Authority has the water resources but is unable to encourage customers to use this water because of the drought and water conservation restrictions. There was discussion concerning this information with questions. Mr. Pihera answered questions and gave additional information.

Unloader Bids: Chairman McQueen called on Richard Calhoun, Manager of General Services, who stated that the Authority advertised and received bids for a uniloader with attachments. Mr. Calhoun gave the Board information concerning the job responsibilities of the Authority's Grounds Maintenance personnel and stated that this uniloader equipment would be used by the grounds maintenance personnel and personnel in other departments. Mr. Calhoun stated that in the past the Authority rented uniloader equipment, but because of the increased workload of the grounds maintenance crew it would be more cost effective for the Authority to purchase this equipment. Mr. Calhoun recommended that the Board approve the low bid submitted by Perimeter Bobcat, Inc. and the purchase of a spring-loaded seat at an additional cost, over the bid amount, of three hundred dollar (\$300), which was not included in the low bid amount of thirty three thousand one hundred sixty five dollars and thirty-six cents (\$33,165.36). Mr. Calhoun stated that this would be a total cost for the uniloader with attachments and spring loaded seat of thirty three thousand four hundred sixty five dollars and thirty-six cents (\$33,465.36).

**CLAYTON COUNTY WATER AUTHORITY
TAB SHEET
UNILOADER AND ATTACHMENTS**

CONTRACTOR	Total Bid Price For base Unit	Option #1 Smooth Bucket	Option #2 Bucket W/teeth	Option #3 30" Auger	Option #4 Grouser E-series	Option #5 60" Bush Hog	Option #6 6' Tiller	Option #7 42" Pallet Fork	
Equipment Support Serv P.O. Box 43226 Atlanta, GA 30336	Case 85XT \$26,060.00	815.00	1,160.00	2590.00	2,500.00	3,995.00	3,980.00	730.00	<u>\$41,830.00</u>
	Case 90XT 26,925.00	815.00	1,160.00	2,590.00	2,500.00	3,995.00	3,980.00	730.00	<u>\$42,695.00</u>
Metrac 4500 Wendall Dr., SW Atlanta, GA 30336	J.D. 270 \$25,810.00	790.00	885.00	2,100.00	2,250.00	4,100.00	4,285.00	610.00	<u>\$40,830.00</u>
Perimeter Bobcat, Inc. 4100 Bonsal Road Conley, GA 30288	Bobcat S250 \$20,693.14	522.57	601.77	1,763.39	2,244.14	3,552.08	3,297.75	490.52	<u>\$33,165.36</u>

Recommendation: Staff recommends the purchase of the Uniloader and all listed attachments from Perimeter Bobcat, Inc. for the sum of \$33,165.36

Amount Budgeted: \$35,000.00

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

RESOLVED: to approve thirty three thousand four hundred sixty five dollars and thirty-six cents (\$33,465.36) for the purchase of a Bobcat S250 Unloader with attachments and spring-loaded seat from Perimeter Bobcat, Inc.

Water Reclamation Facilities Update: Chairman McQueen called on Mike Buffington, Project Manager, who gave the Board an informational slide presentation update on the construction projects improvements at the Authority's W.B. Casey, Shoal Creek and Northeast Water Reclamation Facilities. Mr. Buffington discussed the following information that was distributed to the Board. There was discussion concerning this information with questions. Mr. Buffington answered questions and gave additional information.

WATER RECLAMATION FACILITIES UPDATE

W. B. Casey WRF:

- Project includes new 24.0 MGD plant, located on Flint River Road, to replace existing Casey plant (liquid portion) and Jackson plant; new Casey raw waste pump station; new Jackson raw waste pump station and force main; and new transfer pump station to pump effluent to Huie LAS and constructed wetlands for further treatment. Existing Sludge Pellitization Facility will remain in service.
- Schematic design started June 2000 and contract documents were complete September 2001. Bids were opened May 30, 2002 and a contract awarded to Brasfield & Gorrie July 9, 2002. Construction will start September 2002 with contract completion and plant start up early to mid 2005.
- Plant capacity will be reviewed during preparation of the next master plan but should be adequate until near 2020.

Shoal Creek WRF:

- Project includes upgrade and expansion of existing plant to treat 4.4 MGD. Facility includes new coarse screens; new raw waste pump station; new fine screens; additional grit and grease removal; new aeration basins, secondary clarifiers and re-aeration; new UV disinfection facility; new effluent pumping station; and sludge thickening and digestion. Plant effluent will be pumped to Inman Road Constructed Wetlands site for further treatment, reclaimed and pumped to Shoal Creek Reservoir.
- Detailed design was completed and bids were opened September 21, 2000. A contract was awarded to Ruby Collins, Inc. October 5, 2000 and construction started January 15, 2001. Construction and plant startup was completed in July 2002. Final closeout will be in August.
- Plant capacity adequate through 2020.

Northeast WRF:

- Master Plan 2000 projected start of design for plant expansion in FY 2003. Received wasteload allocation from Georgia EPD and started permitting process for plant upgrade and expansion from 6.0 MGD to 10.0 MGD. Several process alternatives will be reviewed and selected process will be used to prepare Design Development Report to submit to

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Georgia EPD along with permit application. Design is projected to be complete with construction starting in 2004 and complete in late 2006.

- Projected capacity of 10.0 MGD will be adequate through 2020.

Hooper Improvements Phase 1 Summary: Chairman McQueen called on Mike Buffington, Project Manager, who gave the Board an informational slide presentation summary on the completed W.J. Hooper Phase 1 Improvements. Mr. Buffington discussed the following information that was distributed to the Board. There was discussion concerning the alum residuals with questions. Mr. Buffington and Mr. Brannan answered questions and gave additional information.

W. J. HOOPER IMPROVEMENTS – PHASE 1 SUMMARY

Project includes rehab of existing filters and new alum residuals handling facility. Filter rehab includes replacement of existing filter bottoms, media, operating valves, filter controls and piping modifications. Residuals handling facility includes alum sludge feed pumps, belt press dewatering and chemical feed systems, conveyor belts, operating controls, new building and truck loading.

Schematic design started September 2000 and detailed design was completed March 2001. Bids were opened April 24, 2001 and a contract awarded to P. F. Moon & co. May 3, 2001.

Project Managers:

- CH2M Hill, Engineers – George Ajy
- Clayton County Water Authority – Mike Buffington

Construction Contract Summary:

- General Contractor – P. F. Moon & Company, West Point, Georgia
- Bid Amount – \$3,886,000
- Start construction – July 9, 2001
- Scheduled contract completion date – December 15, 2002
- All construction work complete – July 20, 2002
- Final Contract Amount – \$3,874,637

Funding: Series 2001 Bond Issue

Northeast WRF Expansion Permitting Task Order: Chairman McQueen called on Mike Thomas, Manager of Program Management & Engineering, who presented information on CH2M Hill's Task Order BO-01-09 for the project generally described as Northeast Water Reclamation Facility (WRF) NPDES Permitting and Design Development Report (DDR). Mr. Thomas gave an informational slide presentation and discussed the following Task Order BO-01-09 information that was distributed to the Board.

**NORTHEAST WRF EXPANSION PERMITTING
TASK ORDER BO-01-09**

The Northeast WRF is currently permitted to treat up to 6 million gallons of raw sewage a day on a monthly average. Development has continued at a rapid pace in this service area and during wet months, flows at the plant have averaged near 6 mgd. Master Plan 2000 included the expansion of the Northeast WRF to 10 mgd to accommodate the increase in flows to the plant. The first step in expanding the plant is to obtain a permit from EPD for the 10 mgd flows.

This Task Order includes the following permitting activities:

- Development of an Anti-degradation analysis – this report evaluates the need for the expansion and an economic analysis of alternatives that demonstrates that the chosen alternative is not only cost effective but does not degrade water quality.
- Development of an Environmental Information Document (EID) that determines the nature of environmental, cultural and historical resources on the project site and the nature of any impacts to these resources as a result of the project.
- Public meeting preparation and facilitation – At least one public meeting must be held during the permitting process to give the public an opportunity to comment on the project.
- Development of a permit application and draft permit – Once the anti-degradation analysis and EID are approved by EPD a permit application and draft permit is submitted to EPD and specific terms of the permit are negotiated.
- Development of a Design Development Report – This document is a preliminary design report for the expansion of the Northeast WRF that describes the proposed design and estimated costs.

Project Managers:

- CH2M Hill – Jim Hawley
- Clayton County Water Authority – Mike Thomas

This project was funded by the 2001 bond series

Task Order Amount: \$337,000.00

TASK ORDER NO. BO-01-09

This is an attachment to the AGREEMENT between CH2M HILL (“ENGINEER”) and CLAYTON COUNTY WATER AUTHORITY (“OWNER”), for a project generally described as Northeast Water Reclamation Facility (WRF) NPDES Permitting and Design Development Report (DDR).

The purpose of this work is to support NPDES discharge permitting for the Clayton County Water Authority. The scope presents the general approach and scope for permitting an increase in existing discharge (6 mgd to 10 mgd) from Northeast WRF. A “Wasteload Allocation for Planning” was completed and approved by the GA Environmental Protection Division. The nature of NPDES permitting is sometimes unpredictable, and frequently strategies and approaches are revised and refined during the project to increase the chance of successful permitting. Therefore it is anticipated that the scope below, although prepared with flexibility in mind, may change to some degree before completion of the project. The scope presented is anticipated to complete the work through issuance of the final NPDES permit, but does not include litigation preparation and assistance or expert witness testimony, should that be required.

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ARTICLE 1 — SCOPE OF SERVICES

The general tasks involved in successfully completing the project are:

- Anti-Degradation Review
- Environmental Information Documentation (EID)
- Permit Preparation and Application
- Public Notice and Meetings
- Design Development Report (DDR)

TASK 1 – ANTI-DEGRADATION REVIEW

The Anti-Degradation Review Task includes the following activities:

- Project Summary
- Alternatives Analysis
- Need for Capacity
- Environmental Effects
- No-Discharge Alternative Feasibility Analysis (NDA)
- Socio-Economic Analysis
 - Verify Project Costs and Calculate the Annual Cost of the NDA
 - Determine if the NDA would Interfere with Development
 - Municipal Preliminary Screener
 - Secondary Test
 - Determine if Economic and Social Development would be Important.
- **Deliverable:** Draft and Final Report
- Meetings with EPD (See Permit Preparation and Application Task 3)
- Public Notice/Participation (See Public Notice and Meetings Task 4)

TASK 2 – ENVIRONMENTAL INFORMATION DOCUMENT

The Environmental Information Document Task includes the following activities:

- Field Reconnaissance for Environmental Studies: wetland, protected species, and cultural resource reviews. This field effort is not designed for other state and federal permits such as Section 404 USACE, 401 water quality certification and construction permits. Cultural resources reconnaissance will be conducted by a subcontractor, TRC Garrow and Associates.
- Acquiring and Summarizing Existing Data
- **Deliverable:** Draft and Final EID Documents
- Limited Coordination with Required State and Federal Agencies (See Permit Preparation and Application Task 3)

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- Public Notice/Participation (See Public Notice and Meetings Task 4)

TASK 3 – PERMITTING

The Permitting Task includes the following activities:

- Attending and/or Organizing up to 3 Strategy Meetings with OWNERS
- Attending and/or Organizing up to 4 Meetings with EPD
- Attending and/or Organizing up to 1 Meeting with The OWNER'S Board and/or Elected Officials
- Preparing Draft Correspondence and Meeting Summaries as Requested
- **Deliverable:** NPDES Permit Application Forms

TASK 4 – PUBLIC NOTICE AND HEARINGS

The Public Involvement Task includes the following activities:

- Preparing a Public Notice for the Anti-Degradation Review and Environmental Information Document
- Planning and Preparing for and Attending up to One (1) Open-House Format Public Meeting
- Preparing Project Update Materials Including Displays, Fact Sheets, Etc., and Copies of a Number Adequate for Public Meetings and Briefings
- **Deliverable:** Comments for Submittal with the EID

TASK 5 DESIGN DEVELOPMENT REPORT (DDR)

The Design Development Report will be a portion of the schematic design phase of the Northeast WRF expansion to 10 MGD maximum month capacity. The DDR will be based on the scope of work described in the Project Definition Report presented to CCWA at the Workshop of August 22, 2002, as amended following the meeting. The major tasks and deliverables will be as follows:

Project Plan

- Workshops (4) to review and develop the design requirements of the project with the
- Process design criteria for each treatment process
- Treatment plant flow sheet and mass balance
- Process narratives for each process including description, design criteria and equipment selection
- Drawings
 - Process flow diagrams
 - Hydraulic profiles
 - Site plan based on site survey

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- Construction cost estimate
- DDR report designed to fit with the established EPD checklist

ARTICLE 2 — COMPENSATION

Compensation for the Scope of Services outlined in Article 1 shall be cost reimbursement not to exceed \$337,000.

TASK BREAKDOWN	COST
Task 1 Anti-Degradation Review	\$31,000.
Task 2 Environmental Information Documentation (EID)	\$48,000.
Task 3 Permit Preparation and Application	\$16,000.
Task 4 Public Notice and Meetings	\$34,000.
Task 5 DDR and Schematic Design	\$208,000.
TOTAL	\$337,000.

ARTICLE 3 – SCHEDULE

The Engineer shall begin work on the project when authorized by the owner. Deliverables under this task order will be completed within 6 months from notice to proceed. Review periods by EPD cannot be accurately estimated. We assumes a period of 2 months for public Notices and Meeting following the EPD review period.

This Task Order will become part of the referenced AGREEMENT when executed by both parties.

IN WITNESS WHEREOF, the parties execute below:

For OWNER, CLAYTON COUNTY WATER AUTHORITY

Dated this _____ day of _____, 2002

By: _____
 Name Title

For ENGINEER, CH2M HILL

Dated this _____ day of _____, 2002

By: _____
 Name Title

EXHIBIT A INSURANCE REQUIREMENTS

**TASK ORDER BO-01-09
 NORTHEAST WATER RECLAMATION FACILITY (WRF)**

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NPDES PERMITTING AND DESIGN DEVELOPMENT REPORT (DDR)

ENGINEER'S Insurance

The Engineer will maintain throughout the completion of the above and any subsequent task orders in connection with this project and after completion as required in this Exhibit A.

(a) Workers' compensation as required by the State (Statutory) where the work is performed and Employers Liability in the amount of one million (\$1,000,000) Each Per Accident, Per Disease Each Employee and Per Disease Policy Limit. ENGINEER shall also indemnify and hold OWNER harmless for any such liability that may attach to OWNER as a "statutory employer" of any of ENGINEER'S employees, agents or subcontractors. "An Alternate Employer Endorsement" naming the Owner as a protected Alternate Employer will be added to the Workers' Compensation policy.

(b) Automobile Liability insurance covering claims for injuries to persons and/or property arising from the use of motor vehicles, including onsite and offsite operations, owned, non-owned or hired vehicles, with \$1,000,000 Combined Single Limit.

(c) Commercial General Liability, Occurrence Form, including Contractual Liability, per Project General Aggregate Limit of Liability, losses caused by explosion, collapse and underground (X,C,U perils). The Owner is added as an Additional Insured using ISO Form CG 20-10 extended to include Products/Completed Operations, or an equivalent Additional Insured endorsement, either form must be acceptable to the Owner. The coverage is primary as to the work of the ENGINEER for the Owner and includes separation of insureds (cross liability). Additional Insured status will be certified to the Owner for a period of five (5) years following - completion of the project. The General Liability shall cover claims for injuries to persons or damage to property arising out of any covered negligent act or omission of ENGINEER or of any of its employees, agents, or subcontractors.

The limits of coverage shall be:

\$ 1,000,000	Per Occurrence
\$ 1,000,000	Personal or Advertising Injury
\$ 1,000,000	Fire Damage
\$ 5,000	Medical Payments
\$ 1,000,000	General Aggregate
\$ 1,000,000	Products/Completed Operations Occurrence and Aggregate

In the alternative, the ENGINEER may substitute a claim made policy in the same amounts and for the same coverage's, provided that it has full prior acts coverage and a five (5) year Extended Reporting Period included in the current policy.

(d) Professional liability insurance to include coverage for the Owner and all Subs, Engineers and Design Consultants, with a minimum limit of \$10,000,000 per claim and in the aggregate. The OWNER may increase the limit requirements where in the opinion of the OWNER such increase is desired. The policy shall contain an eight (8) year Extended Reporting Period or the Engineer will furnish the Owner evidence of continuing coverage for that same period of time after completion. The Retroactive date under the policy will predate any work for the Owner. Sixty (60) days prior written notice of cancellation or non-renewal shall be given to the OWNER in the event of termination or non-renewal.

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The Owner may elect to obtain a PROJECT policy on a primary or excess basis. The Engineer will amend their PRACTICE policy to provide primary or excess coverage to increase the combined limits of coverage. Deductibles included in the policies will be the responsibility of the Engineer.

(e) An Umbrella policy, including Excess following form, will be provided with a minimum limit of \$25,000,000 Per Occurrence and Aggregate (Per Project) and will apply over underlying policies for Automobile Liability, Commercial General Liability and Employers Liability. The Umbrella policy limits may be combined with the underlying limits to obtain the total limits required.

(f) The ENGINEER will furnish a Certificate of Insurance to the Owner for coverage's (a) Workers' Compensation/Employers Liability; (b) Automobile Liability; (c) Commercial General liability; (d) Professional Liability; and (e) Umbrella Liability. The certificates will include a copy of the endorsement on each policy, which requires written notice to the Owner in the event, or termination or non-renewal of at least sixty (60) days.

The certificates for the Commercial General Liability will also include a copy of the endorsement naming the Owner as an Additional Insured, providing primary coverage for Operations and Products/Completed Operations.

Waiver of Subrogation – ENGINEER waives subrogation against Owner as to Workers' Compensation including Employment Practices Liability, Automobile and Commercial General Liability Policies.

(g) Each and every policy required by this contract shall be with a company that is rated by Best as A- or better. Further, the OWNER shall not be responsible for any deductibles established by such policies.

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

RESOLVED: that CH2M Hill's Task Order BO-01-09 for the project described as Northeast Water Reclamation Facility (WRF) NPDES Permitting and Design Development Report (DDR) in the amount of three hundred thirty seven thousand dollars (\$337,000) be approved.

GEFA Resolution for Backflow Prevention: Chairman McQueen called on Wade Brannan, General Manager, who gave the Board information concerning the loan that the Authority has applied for from the Georgia Environmental Facilities Authority (GEFA). Mr. Brannan stated that one of the projects the Authority plans to fund using this money is the Backflow Prevention Device Upgrade Program. Mr. Brannan gave the Board information on the Authority's backflow prevention device upgrade program and discussed the following information that was distributed to the Board. Mr. Brannan recommended that the Board authorize the execution of Resolution 2002-01 for the Authority to acquire a loan from the Georgia Environmental Facilities Authority (GEFA) in the not to exceed amount of four million two hundred fifty one thousand eight hundred thirty five dollars (\$4,251,835) for the purpose of funding the Authority's Backflow Prevention Device Upgrade Program. Mr. Brannan called on Frank Conort, Manager of Administration, who gave the Board a financial comparison between the Authority

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acquiring a loan from GEFA and acquiring bond money. There was discussion concerning this information with questions. Mr. Conort answered questions and gave additional information.

**Clayton County Water Authority
 Backflow Upgrade Program**

Total accounts 1" and smaller (per M. Kelly)		67,332
Less residential completed (per M&C)		20,614
Less service renewals (per M&C)		300
Less new services (per M&C)		1,961
Less 5/8" – 1" needing double-check (per Meter Reading)		3,682
Total residential to complete		40,775
	40,775 residential @ \$77.00	\$3,139,675.00
Cost Estimate	2,335 ¾" double checks @ \$360.00	\$ 840,600.00
	730 1" double checks @ \$372.00	\$ 271,560.00
Total Estimated Cost		\$4,251,835.00

STATE OF GEORGIA

COUNTY OF CLAYTON

RESOLUTION 2002-01

A RESOLUTION OF THE GOVERNING BOARD OF THE CLAYTON COUNTY WATER AUTHORITY AUTHORIZING EXECUTION OF DOCUMENTS FOR A LOAN FROM THE GEORGIA ENVIRONMENTAL FACILITIES AUTHORITY; AND FOR OTHER PURPOSES.

WHEREAS, the Georgia Environmental Facilities Authority ("GEFA") has approved Project Number DWSRF 00-002 in an amount not to exceed Four Million Two Hundred Fifty-One Thousand Eight Hundred Thirty-Five Dollars and 0/100 Cents (\$4,251,835.00) for the purpose of funding the installation of backflow prevention devices at locations of customers of the Clayton County Water Authority to aid in the prevention of accidental back siphonage of contamination from customers and of terrorist acts of sabotage and contamination of the public water supply (hereinafter the "Backflow Prevention Project"); and

WHEREAS, the CLAYTON COUNTY WATER AUTHORITY and GEFA wish to facilitate the repayment process by use of pre-authorized electronic transactions through an automated clearing house;

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NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE CLAYTON COUNTY WATER AUTHORITY:

Section 1. That the CLAYTON COUNTY WATER AUTHORITY will borrow from GEFA a sum not to exceed Four Million Two Hundred Fifty-One Thousand Eight Hundred Thirty-Five Dollars and 0/100 Cents (\$4,251,835.00) for the purposes set forth above, at the interest rate of 3% per annum.

Section 2. That the Chairman or General Manager of the CLAYTON COUNTY WATER AUTHORITY is authorized to execute and deliver to GEFA, on behalf of the CLAYTON COUNTY WATER AUTHORITY, the Contract, and any and all other documents necessary to consummate and effectuate the related loan documents.

Section 3. That the CLAYTON COUNTY WATER AUTHORITY is authorized to complete and execute the attached authorization agreement, under which GEFA is authorized to initiate and effect debit transactions from the account of the CLAYTON COUNTY WATER AUTHORITY without further or additional approval or confirmation of the CLAYTON COUNTY WATER AUTHORITY.

Section 4. This Resolution shall be effective on the date of its approval by the Board.

SO RESOLVED this ____ day of _____, 2002.

ATTEST:

CLAYTON COUNTY WATER AUTHORITY

 H. Lindy Rogers, Secretary

 Pete McQueen, Chairman

APPROVED AS TO FORM:

 Steven M. Fincher, Attorney for
 Clayton County Water Authority

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

RESOLVED: to authorize the execution of Resolution 2002-01 for the Authority to acquire a loan from the Georgia Environmental Facilities Authority (GEFA) in the not to exceed amount of four million two hundred fifty one thousand eight hundred thirty five dollars (\$4,251,835) for the purpose of funding the Authority's Backflow Prevention Device Upgrade Program.

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GEFA Resolution for Phase 1 Huie Wetland Construction: Chairman McQueen called on Wade Brannan, General Manager, who stated that the phase-one Huie Wetland Construction is another project the Authority plans to fund by acquiring a loan from the Georgia Environmental Facilities Authority (GEFA). Mr. Brannan gave the Board information on the Authority's phase-one Huie wetland construction project and discussed the following information that was distributed to the Board. Mr. Brannan recommended that the Board authorize the execution of Resolution 2002-02 for the Authority to acquire a loan from the Georgia Environmental Facilities Authority (GEFA) in the not to exceed amount of nine million dollars (\$9,000,000) for the purpose of funding the installation of the Phase-one Huie Wetlands Construction Project. Mr. Brannan stated that the Authority would also request that the Clayton County Board of Commissioners approve a Resolution in support of the Authority acquiring both the Backflow Prevention Device Upgrade Program GEFA loan and the Phase-one Huie Wetlands Construction Project GEFA loan.

GEFA FUNDING FOR PHASE ONE HUIE CONSTRUCTED WETLANDS

The Huie Constructed Wetlands project includes the first phase of constructed wetlands at the Huie Land Application Site that will receive treated wastewater from the Casey WRF. We plan to pursue funding from the State Revolving Fund through the Georgia Environmental Facilities Authority (GEFA).

Phase I includes:

- a splitter box that will split the flow from the Casey WRF between the land application ponds and the wetlands;
- a force main to carry water from the splitter box to the constructed wetlands; and
- approximately 55 acres of wetlands which will provide 3.6 mgd of treatment capacity when the new Casey WRF is completed.

The estimated cost for this project is \$9.0 million.

If the loan is approved by GEFA and EPD, the funds are drawn down monthly when payment requests are submitted. The loan repayment does not begin until EPD has certified that the project is complete. The loan repayment terms are typically 20 years at 3.0% with a 2.0% closing cost.

Schedule:

Complete GEFA and EPD review and paperwork	September 2002
Bid project	October 2002
Award project	November 2002
Begin Construction	January 2003
Complete Construction	March 2004
Begin Loan repayment	March 2004

STATE OF GEORGIA

COUNTY OF CLAYTON

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RESOLUTION 2002-02

A RESOLUTION OF THE GOVERNING BOARD OF THE CLAYTON COUNTY WATER AUTHORITY AUTHORIZING EXECUTION OF DOCUMENTS FOR A LOAN FROM THE GEORGIA ENVIRONMENTAL FACILITIES AUTHORITY; AND FOR OTHER PURPOSES.

WHEREAS, the Authority wishes to borrow from the Georgia Environmental Facilities Authority ("GEFA") an amount not to exceed Nine Million Dollars and 0/100 Cents (\$9,000,000.00) for the purpose of funding the installation of Phase 1 of the Huie Wetlands Construction Project (hereinafter the "Huie Phase 1 Project"); and

WHEREAS, the CLAYTON COUNTY WATER AUTHORITY and GEFA wish to facilitate the repayment process by use of pre-authorized electronic transactions through an automated clearing house;

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE CLAYTON COUNTY WATER AUTHORITY:

Section 1. That the CLAYTON COUNTY WATER AUTHORITY may borrow from GEFA a sum not to exceed Nine Million Dollars and 0/100 Cents (\$9,000,000.00) for the purposes set forth above, at the interest rate of not more than 3% per annum.

Section 2. That the Chairman or General Manager of the CLAYTON COUNTY WATER AUTHORITY is authorized to execute and deliver to GEFA, on behalf of the CLAYTON COUNTY WATER AUTHORITY, the Contract, and any and all other documents necessary to consummate and effectuate the related loan documents.

Section 3. That the CLAYTON COUNTY WATER AUTHORITY is authorized to complete and execute the attached authorization agreement, under which GEFA is authorized to initiate and effect debit transactions from the account of the CLAYTON COUNTY WATER AUTHORITY without further or additional approval or confirmation of the CLAYTON COUNTY WATER AUTHORITY.

Section 4. This Resolution shall be effective on the date of its approval by the Board.

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SO RESOLVED this ____ day of _____, 2002.

ATTEST:

CLAYTON COUNTY WATER AUTHORITY

 H. Lindy Rogers, Secretary

 Pete McQueen, Chairman

APPROVED AS TO FORM:

 Steven M. Fincher, Attorney for
 Clayton County Water Authority

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

RESOLVED: to authorize the execution of Resolution 2002-02 for the Authority to acquire a loan from the Georgia Environmental Facilities Authority (GEFA) in the not to exceed amount of nine million dollars (\$9,000,000) for the purpose of funding the Phase-one Huie Wetlands Construction Project.

EPA Vulnerability Assessment Grant: Chairman McQueen called on Wade Brannan, General Manager, who gave the Board information concerning the Authority receiving an EPA Vulnerability Assessment Grant in the amount of one hundred fifteen thousand dollars (\$115,000). Mr. Brannan stated that this grant money does not have to be repaid and is to be used for security operations at the Authority's water facilities. Mr. Brannan stated that he is asking the Board to authorize him to sign the EPA Vulnerability Assessment Grant documents authorizing the Authority to accept the one hundred fifteen thousand dollars (\$115,000) grant money. There was discussion concerning this information.

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

RESOLVED: to authorize Wade Brannan, General Manager, to sign the EPA Vulnerability Assessment Grant documents authorizing the Authority to accept the one hundred fifteen thousand dollars (\$115,000) grant money to be used for security operations at the Authority's water facilities.

Lamar County Water Request: Chairman McQueen called on Wade Brannan, General Manager, who stated that the Authority received a request from Lamar County asking the Authority to provide Lamar County one hundred thousand gallons of water per day (100,000 GPD). Mr. Brannan stated that the Authority would be providing this water to Lamar County using the Authority's tie-in with the City of Griffin. Mr. Brannan stated that the Authority would bill the City of Griffin and the City of Griffin in turn would bill Lamar County for this water. There was discussion concerning this information, what rate the Authority would charge for providing this water and what information that should be included in the contract between the Authority and Lamar County.

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

RESOLVED: to authorize Steve Fincher, Attorney for the Authority, to proceed with preparing a contract, with appropriate stipulations which will safeguard the Authority, between the Authority and Lamar County for the Authority to provide one hundred thousand gallons per day (100,000 GPD) of finished water to Lamar County.

Health Insurance Update: Chairman McQueen called on Wade Brannan, General Manager, to update the Board on the Authority's employee health insurance. Mr. Lloyd Joiner, Board Member, stated that because of his association with Starr Insurance Agency he is abstaining from any discussion and vote regarding the Authority's employee health insurance. Mr. Brannan stated that the Authority's current employee health insurance provided by Blue Cross/Blue Shield would expire in October in approximately sixty (60) days. Mr. Brannan stated that the Authority received a seven (7) month renewal proposal from Blue Cross/Blue Shield. Mr. Brannan stated that the following CCWA Employer Blue Cross/Blue Shield Cost Comparison shows a 19% cost increase for the Authority to continue the current employee health insurance coverage for the next seven months.

**CCWA EMPLOYER COST COMPARISON
BLUE CROSS**

CURRENT BC/BS		PROPOSED RENEWAL - 7 MONTH CONTRACT			
HMO	CURRENT RATES	PROPOSED RATE	VARIANCE (IN MONTHLY \$)	# CURRENTLY ON PLAN	7 MONTH DIFFERENCE
EMPLOYEE ONLY	\$213.10	\$253.59	\$40.49	143	\$40,530.49
EMPLOYEE/SPOUSE	\$340.94	\$405.73	\$64.79	44	\$19,955.32
EMPLOYEE/CHILD	\$315.38	\$375.30	\$59.92	41	\$17,197.04
FAMILY	\$443.22	\$527.44	\$84.22	90	\$53,058.60

HMO TOTAL	\$130,741.45
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PPO	CURRENT RATES	PROPOSED RATE	VARIANCE (IN MONTHLY \$)	# CURRENTLY ON PLAN	7 MONTH DIFFERENCE
EMPLOYEE ONLY	\$291.84	\$347.29	\$55.45	20	\$7,763.00
EMPLOYEE/SPOUSE	\$419.68	\$499.43	\$79.75	14	\$7,815.50
EMPLOYEE/CHILD	\$394.10	\$469.00	\$74.90	2	\$1,048.60
FAMILY	\$521.96	\$621.14	\$99.18	2	\$1,388.52

PPO TOTAL	\$18,015.62
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TOTAL COMBINED	\$148,757.07
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Mr. Brannan called on Ed Durham to answer questions and give the Board additional information. There was discussion concerning the fact that the loss ratio for the PPO health insurance plan is considerable higher than the loss ratio of the HMO

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health insurance plan. Mr. Greene requested that Mr. Durham contact Blue Cross/Blue Shield and ask that they submit a renewal proposal without using a blended HMO and PPO rate. There was discussion concerning possible reasons why the loss ratio is higher on the PPO side of the employee health insurance plan and the seven (7) month renewal proposal from Blue Cross/Blue Shield.

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

RESOLVED: to approve the seven month renewal proposal submitted by Blue Cross/Blue Shield with the stipulation that a Board appointed committee meet with Blue Cross/Blue Shield to try and negotiate a lower renewal amount but in no event would this issue need to be brought back to the Board.

Robbie Moore stated that he would not vote in favor of this motion. Mr. Moore stated that it is his opinion that the Authority's insurance agent should solicit proposals from at least two other health insurance providers. Mr. Moore stated that by obtaining additional proposals the Authority would have information, which can be used to compare to the renewal proposal submitted by Blue Cross/Blue Shield. There was additional discussion with Mr. Rogers stating that he would withdraw his motion and Mr. Horton withdrawing his second. Chairman McQueen stated that he is appointing an Employee Health Insurance Committee with Robbie Moore as Chairman, Wesley E. Greene, Terry Hicks and Ed Durham as committee members to bring a recommendation back to the Board concerning the Authority's employee health insurance.

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

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

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

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

Mr. Brannan gave the Board information concerning the Authority's yearly deer hunt and a request from Authority employees asking to be allowed to deer hunt on the Authority's property located on the south side of Woolsey Road. Mr. Brannan stated that it is his recommendation that the Authority allow Authority employees only to deer hunt, using bows only, on the Authority's property located on the south side of Woolsey Road. There was a Board discussion concerning Mr. Brannan's recommendation with the Board agreeing that there should be no gun hunting allowed on any property owned by the Authority.

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Mr. Brannan gave the Board information on the number of surplus vehicles and amount of money the Authority received when these surplus vehicles were sold at a public auction. Mr. Brannan stated that next year the Authority would try and coordinate the sale of surplus vehicles with another large company such as Georgia Power or Bell South in order for the Authority to get a higher selling price for surplus vehicles.

Mr. Brannan gave the Board information concerning a group of Authority employees who are part of the Authority's new J.D. Edwards financial software implementation team. Mr. Brannan stated that these employees have gone way beyond the call of duty working long hours including nights and weekends. Mr. Brannan stated that these employees have contributed their time and effort in order to make sure that this financial software implementation is a success. Mr. Brannan stated that the Authority's employee performance evaluation has a 4% cap. Mr. Brannan stated that he would like for the Board to authorize him to give these employees a one time only additional 1% to 2% above the 4% cap on their performance evaluation. Mr. Brannan stated that this additional 1% to 2% would give these employees a total of 5% or 6% performance evaluation raise for this year only. There was discussion concerning Mr. Brannan's request. There was discussion concerning other options that the Authority might consider doing in order to reward these employees for their dedication and hard work.

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

RESOLVED: to authorize Mr. Brannan, General Manager, to give the employees who have gone beyond the call of duty in giving of their time and effort on the implementation of the Authority's J.D. Edwards financial software, a one time adjustment only, of an additional 1% to 2% performance evaluation raise above the Authority's yearly performance evaluation cap of 4% which will give these employees a total of 5% to 6% on their next performance evaluation raise only. This motion passed with Robbie Moore opposing the motion.

Following the vote to approve the previous motion made by Lindy Rogers and seconded by Lloyd Joiner there was discussion concerning the intent of the previous motion and how each Board Member perceived the intent of the previous motion. Mr. Rogers stated that he would withdraw his motion because some Board Members perceived the intent of the motion differently than Mr. Rogers intended and Mr. Joiner stated that he withdrew his second. Chairman McQueen requested that each Board Member state their opinion on how they think these employees should be rewarded. Following this discussion there was a Board decision that Wade Brannan, General Manager and Steve Fincher, Attorney for the Authority, to look at the legal aspects of other options and make a decision on what they consider to be the best way for the Authority to reward these employees.

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Upon Motion by Wes Greene and seconded by Robbie Moore 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.

Pete McQueen, Chairman

H. Lindy Rogers, Secretary/Treasurer