

CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road
Morrow, Georgia 30260

Regular Board Meeting, March 1, 2007

Chairman, Pete 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, Marie Barber, Board Members, Wes Greene, John Westervelt, John Chafin, and Doug Bonner. General Manager, P. Michael Thomas, Deputy Manager, Mike Bennett, Department Managers, Guy Pihera, Herbert Etheridge, Jim Poff and Bruce Taylor, Project Engineer, Mike Buffington, Finance Director, Emory McHugh, Contract & Procurement Administrator, Karen Riser, MIS Director, Rodney Crowell, Human Resources Director, Ed Durham, Stormwater Program Manager, Kevin Osbey, Public Information Officer, Suzanne Brown, and Executive Secretary, Janet Matthews. Also present were: Steve Fincher of Fincher, Denmark & Williams and Steve Lavinder from CH2M Hill. CCWA employees present were: Norris Howell, Terry Hicks, Chris Sims, Michelle Mirzaiee and Rodney Riley.

Chairman McQueen called on Norris Howell to give the invocation.

Chairman McQueen stated that our Board of Directors normally elects new officers during our March meeting. Mr. McQueen's appointment to the Water Authority board will be on the Board of Commissioners' March 20th meeting agenda. Chairman McQueen asked the Board if the election of officers could be scheduled for the Authority's April 5th meeting. The Board agreed.

Approval of Minutes: Chairman McQueen called for any omissions or additions to the Regular and Executive Session Board Meeting minutes of Thursday, February 1, 2007. Hearing none, the minutes were approved as presented.

Financial and Statistical Report: Chairman McQueen called on Emory McHugh, Finance Director, to give our financial report. Mr. McHugh reviewed the financial information that was given to the Board for the nine-month period ending January 31, 2007.

Employee Recognition: Chairman McQueen called on Guy Pihera, Manager of Water Production, who stated that currently all the operators in Water Production are state certified, which is the first time we are able to say this in the last two years. Mr. Pihera wanted to recognize three who recently passed their Class III Certification exam. Justin Donham at the Smith Plant and Craig Hinton at the Hicks Complex were not able to attend, but we do have Rodney Riley here today. Rodney works midnights at the Hooper Plant and worked until 8:00 a. m. this morning. Rodney has

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been with the Authority for eighteen (18) years, but just moved to Water Production about six months ago from Maintenance & Construction. The pass/fail rate for first time success is about fifty (50%) percent and all three passed their Class III certification exam on the first try. Mr. Pihera congratulated Rodney.

Chairman McQueen, on behalf of the Board, thanked Rodney for being here today and for passing his Class III certification exam.

Deer Hunting & Recreation Summary: Chairman McQueen called on Guy Pihera, Manager of Water Production, who stated that the Authority had a very successful deer harvest this year. The Authority elected to go with six (6) weekend hunts at the Huie site for both the public and CCWA employees. In those six (6) hunts we did harvest ninety-six (96) deer. Two (2) years ago, for eleven (11) weekends, we harvested one hundred one (101) deer. The net cost to harvest the ninety-six (96) deer this season was four hundred sixty dollars (\$460) total.

Summary of the 2006 Deer Hunts

No operational changes were made in 2006 from the 2005 season:

- 6 hunts were scheduled at the Huie Site: three in September and three in November. September 8th - 10th, 15th -17th 22nd -24th and November: 3rd -5th, 10th -12th and 17th -18th.
- Applications were accepted July 1st through September 1st, 2006.
- Applicants eligible for the lottery selection were limited to Clayton and Henry County residents; however, we did invite applicants from other counties once all Henry and Clayton applicants were drawn. Approximately 120 applicants applied. During the six scheduled hunts, 121 fill-in hunters who failed to fill out applications during the acceptance period applied and hunted on the property bringing the total applicants for 2006 to 241. All applicants were given the opportunity to hunt in 2006.
- The general public fees were: Clayton residents \$20.00 per weekend and residents of other counties \$30.00 per weekend.
- Season guest fees were \$20.00 per weekend or \$120.00 for the approved guests who were residents of Clayton County and \$30.00 per weekend or \$180.00 for guest who resided in other counties. Approved season guests who were employees of a Clayton County Government Agency were required to pay \$75.00.
- CCWA employees were required to volunteer 4 hours at the Huie check station or pay \$75.00.
- Employees only were permitted to hunt the Woolsey or Shoal Creek properties for the entire legal season. This included the extended bow season for metro counties: Jan. 2nd through 31st: Clayton County property only.

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Overview:

Total cost of the 2006 Deer Management Program was \$14,105.54 with an income total of \$13,645.00. The total net cost for the 2006 Deer Management Program was \$460.54.

In the past, our harvest goal was 200 deer with 100 being mature does. This goal was recommended in 1996 by the Department of Natural Resources Wildlife Biologist to reduce the herd. However, with the pressure and harvest we have exerted over the past eleven years, coupled with the timber harvest and wetland construction, the goal is no longer feasible. This is reflected in the harvest data: In 1996 the success rate was 10% and the man days per deer were 9.6, in 2006, the success rate was 7% and the man days per deer are 14.5. When considering the number of deer harvested over eleven years (1,679), crippling loss should also be considered, twenty percent (20%) would be a conservative number and would equal about another 335 deer removed from the property (2,014 total estimated which averages to 183 deer per year).

Based on this data, the decision was made to reduce the hunts to six scheduled weekends in 2005 and continued in 2006. Our goal is to maintain the herd at its present level. 96 total deer were harvested in 2006: 48 does of which 40 were sexually mature and 48 bucks of which 10 were button bucks, 10 were spikes and 28 were antlered bucks.

Hunter success rose from 6 % in 2005 to 7% in 2006, man days per deer dropped from 17.2 to 14.5 and the average deer harvested per hunt rose from 13 in 2005 to 16 in 2006. The percentage of 1 ½ old does harvested in 2006 was 23% which along with the drop in hunter days per deer and rise in success rate indicates a slightly increasing deer herd. However this should be offset by the current timber harvest and construction work lowering the deer habitat and overall carry capacity of the site.

The harvest breakdown for 2006, by the monthly slotted hunts, was as follows:

Three September hunts: 643 hunters harvested 35 deer for a 5 % success rate and 18.4 man days per deer. 21 does (18 mature) and 14 bucks were harvested. The 35 deer represent 36% of the yearly harvest.

Three November hunts: 753 hunters harvested 61 deer for an 8 % success rate and 12.3 man days per deer. 27 does (22 mature) and 34 bucks were harvested. The 61 deer represent 64% of the yearly harvest.

The total deer harvested from the Huie site from 1996 –2006, eleven hunting seasons including the 38 harvested by the U.S.D.A. in 1999 is 1,679 deer.

979 were does and 700 were bucks.

723 sexually mature does have been harvested over the eleven year period, which averages to 66 per year.

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Mr. Pihera stated that staff has also included a Public Access Summary for 2007 in the Board's packet which summarizes, with fees and locations, all the public access opportunities that we have at the Water Authority. Mr. Pihera added that the first weekend of the public access to the Shoal Creek Reservoir, which was recently approved by the Board, will start this weekend. We currently have twenty-four (24) that have signed up for fishing at Shoal Creek this first weekend.

King Road Elevated Tank Painting Recommendation: Mr. Pihera stated that the Authority took bids to repaint the exterior and interior of the King Road elevated water tank, which we acquired with the purchase of the City of Riverdale system. The bids received are significantly higher than we had anticipated. Due to the close proximity to homes in the area, this job will require a shroud like we used on the Highway 138 West Tank painting. This is a smaller job in that the King Road Tank is a half a million gallon tank, while the 138 West tank is a million gallon tank.

Staff based our estimate for this project on what we paid for the 138 West Tank painting, which was about one hundred ten thousand dollars (\$110,000). We had budgeted one hundred thirty-five thousand dollars (\$135,000) for the King Road Tank. The Authority repaints our tanks every ten to twelve (10 to 12) years. We have nine (9) elevated tanks and we try to do one (1) tank per year. We do have some funds available in this current year's operating budget to transfer to this project. Staff recommends that we award this contract to J&W of North Carolina Incorporated in the amount of two hundred fifteen thousand dollars (\$215,000).

Clayton County Water Authority
 Repainting King Road Elevated Tank Interior & Exterior
 February, 2007

BIDDER	TOTAL BID AMOUNT
J & W of North Carolina, Inc. Vanceboro, NC	\$215,000
Tank Pro, Inc. Northport AL	\$235,000
Utilities Service Co. Inc. Perry, GA	\$250,000
A & D Painting Marietta, GA	\$264,860
Classic Protective Coatings Mequon, WI	\$472,847

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Funding: FY 2006 Operating Budget
Budgeted: \$135,000 based on previous project cost

An inquiry through Georgia Association of Water Professionals (GAWP) confirmed that other local utilities have experienced higher than anticipated costs for similar projects. Additional funding source has been identified in current budget. We recommend awarding bid to J&W of North Carolina, Inc.

Mr. Thomas stated that there is a cell tower antenna on the King Road Tank that the City of Riverdale had put on the tank. Although we are receiving some revenue from this antenna, there will be some costs in removing it for this project. The contract is set up in a way that cables and anything associated with the antenna would be removed at our costs. Mr. Pihera is still getting quotes for these costs, but estimates that the costs will be between ten and fifteen thousand dollars (\$10,000-\$15,000). Mr. Thomas added that the annual revenue from the cell tower antenna is about nine thousand dollars (\$9,000).

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

RESOLVED: to award the repainting of the King Road Elevated Tank, Interior & Exterior, to J&W of North Carolina, Incorporated in the amount of two hundred fifteen thousand dollars (\$215,000) contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Chemicals & Filter Media Recommendation: Mr. Pihera stated that the Authority took annual bids on our Chemicals & Filter Media. Staff recommends that the Authority use the lowest bidder for all of our chemicals, listed in Table 1 & 2, as we have done in years past. With the total amount of chemicals that the Authority expects to use in each of the categories, the price of each of those chemicals, and how much we paid in 2006 versus the cost in 2007, there is about a seven and one half percent (7 ½%) increase for this year.

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TABLE 1

CLAYTON COUNTY WATER AUTHORITY
 WATER AND WASTEWATER CHEMICALS BID OPENING

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			Univar	Harcros Chemicals	Southern Lime	Brentag Mid South	Chemrite
TREATMENT CHEMICALS	QTY	PKG SIZE					
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker					
Dense soda Ash* (price per pound)	20 tons	50 lb. bag	.195 lb.	.19 lb.		.215 lb	
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker			124.72 ton		
Chlorine* (price per cylinder)	70 tons	1 ton cylinder		700.00 Ton		468.00 Ton	
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit					
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag					
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.					
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag	.42 lb.	.35 lb.			
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker					
Potassium Permanganate F/F* (price per pound)	20,000lbs.	55 lb. drum	2.12 lb.	2.20 lb.		2.302 lb.	2.07 lb.
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag					1.61 lb.
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote					
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker					
Ortho Phosphate 36% PO4* (price per gallon)	25,000 gal.	4,000 gal. tanker					
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker	1.101 gal				
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum	1.24 lb.	1.50 lb.			
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum	1.25 gal.	1.35 gal		1.40 gal	
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit		.6425 gal		0.0634 lb. / .62 gal	
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit	.0598 lb.	.525 gal / .0525 lb.		.05386 gal / .0528 lb	
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit					
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag	0.115 lb.				
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit	0.0608 lb.				
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker					
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker	.187 lb.				.285 lb. / 2.525 gal

*Chemicals must be NSF60 certified for drinking water applications. We recommend awarding items highlighted yellow to bidder at top of column if material meets specifications or next lowest qualified bidder.

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			Shannon Chemical	Int'l. Dioxide	DBC Enter.	Cheney lime	Prominent Sys
TREATMENT CHEMICALS	QTY	PKG SIZE					
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker					
Dense soda Ash* (price per pound)	20 tons	50 lb. bag					
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker				122.83 Ton	
Chlorine* (price per cylinder)	70 tons	1 ton cylinder			514.00 ton		
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit					
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag					.58 lb
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.					.58 lb
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag					
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker					
Potassium Permanganate F/F* (price per pound)	20,000lbs.	55 lb. drum					
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag					
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote		1,540.00 tote			
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker		4.30 gal			
Ortho Phosphate 36% PO4* (price per gallon)	25,000 gal.	4,000 gal. tanker	1.67 gal				
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker					
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum					
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum					
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit			.68 gal		
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit					
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit					
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag					
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit					
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker					
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker					

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			Basic Chemical	Industrial Chemical	Carus Ortho Calciquest	Siemens
TREATMENT CHEMICALS	QTY	PKG SIZE				
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker				
Dense soda Ash* (price per pound)	20 tons	50 lb. bag		.18 lb		
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker				
Chlorine* (price per cylinder)	70 tons	1 ton cylinder		575.00 ton		
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit				
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag		.72 lb		
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.		.72 lb		
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag		.44 lb		
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker		2.142 gal		
Potassium Permanganate F/F* (price per pound)	20,000 lbs.	55 lb. drum		2.31 lb		
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag		1.50 lb		
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote				1,706.30 tote
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker				4.25 gal
Ortho Phosphate 36% PO4* (price per gallon)	25,000 gal.	4,000 gal. tanker			1.55 gal	
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker	.999 gal	1.11 gal		
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum		1.24 lb.		
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum		1.25 gal		
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit	.62 gal / .062 lb.	.75 ga;		
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit	.4784 gal / 0.0469 lb	.06 lb		
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit				
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag				
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit				
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker				
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker				

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TREATMENT CHEMICALS	QTY	PKG SIZE	Solvay Fluorides	GEO Specialty	C&S Chemical	Carmeuse	Nalco
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker		268.08 dry ton	255.00 dry ton		
Dense soda Ash* (price per pound)	20 tons	50 lb. bag					
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker				159.15	
Chlorine* (price per cylinder)	70 tons	1 ton cylinder					
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit					
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag					
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.					
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag					
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker					
Potassium Permanganate F/F* (price per pound)	20,000lbs.	55 lb. drum					
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag					
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote					
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker					
Ortho Phosphate 36%PO4*(price per gallon)	25,000 gal.	4,000 gal. tanker					
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker					
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum					
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum					
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit					
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit					
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit					
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag					
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit					
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker		2.24 gal / 3.69 lb. alum.			
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker					

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			Burnett Lime	E&C Chemicals	Allied Universal	LCI Ltd.	Kemira
TREATMENT CHEMICALS	QTY	PKG SIZE					
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker					250.00 dry ton
Dense soda Ash* (price per pound)	20 tons	50 lb. bag					
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker					
Chlorine* (price per cylinder)	70 tons	1 ton cylinder			469.10 ton		
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit	.045 lb				
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag					
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.					
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag					
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker				1.8181 gal	
Potassium Permanganate F/F* (price per pound)	20,000 lbs.	55 lb. drum					
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag					
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote					
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker					
Ortho Phosphate 36% PO4* (price per gallon)	25,000 gal.	4,000 gal. tanker					
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker					
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum					
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum		1.30 gal			
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit		.81 gal	.062 lb / .608 gal		
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit		0.073 lb / .47 gal	.059 lb / .621 gal		
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit					.79 lb
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag					
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit					
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker					.59 gal (approx)/ 2.30 lb alum
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker					

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			Fort Bend	General Chemical
TREATMENT CHEMICALS	QTY	PKG SIZE		
Liquid Aluminum Sulfate* (price per dry ton)	1,400 dry tons	4,000 gal. tanker		221.90 dry ton
Dense soda Ash* (price per pound)	20 tons	50 lb. bag		
Bulk Hydrated Lime* (price per pound)	250 tons	18 ton tanker		
Chlorine* (price per cylinder)	70 tons	1 ton cylinder		
Liquid Lime* (price per pound) 30% calcium hydroxide	1,200,000 lbs.	Bulk tanker, no size limit		
Powdered Activated Carbon* (price per pound)	3,000 lbs.	50 lb. Bag		
Powdered Activated Carbon* (price per pound)	10,000 lbs.	1000 lb. sack, 5 sack min.		
Sodium Silica Fluoride* (price per pound)	50,000 lbs.	50 lb. bag		
Fluorosilic Acid 23% * (price per gallon)	20,000 gal.	4000 gal. tanker		
Potassium Permanganate F/F* (price per pound)	20,000lbs.	55 lb. drum		
Copper Sulfate Med. Crystal* (price per pound)	50,000 lbs.	50 lb. bag		
Sodium Chlorite Liquid 30% (tote)* (price per tote)	40 totes	275 gal. tote		
Sodium Chlorite Liquid 25% (bulk)* (price per gallon)	20,000 gal.	4,000 gal. tanker		
Ortho Phosphate 36% PO4* (price per gallon)	25,000 gal.	4,000 gal. tanker		
Hydrochloric Acid 15% * (price per gallon)	20,000 gal.	4,000 gal. tanker		
Calcium Hypochlorite dry 65% Cl* (price per pound)	800 lbs.	100 lb. drum		
Sodium Hypochlorite 12.5% solution (price per gallon)	6 drums	55 gallon drum		
Sodium Hypochlorite 12.5% solution * (price per gal.)	470,000 gal.	Bulk tanker, no size limit		
Caustic Soda 20% (price as cost per gallon and cost per pound)	500,000 lbs.	Bulk tanker, no size limit		
Ferric Sulfate liquid (price as cost per pound of iron (EE) and cost per delivered gallon)	400,000 lbs.	Bulk tanker, no size limit		1.25 lb
Solar Salt (>99.5% NaCl) (price per pound)	20,000 lbs	50 lb. bag		
Solar Salt (>99.5% NaCl) * (price per pound)	570,000 lbs.	Bulk tanker, no size limit		
Aluminum Chloride liquid (32%) (price as cost per pound of aluminum (EE) and cost per delivered gallon)	50,000 lbs.	4000 gallon bulk tanker		3.00 lb
Acetic Acid (56%) (price as cost per gallon and cost per pound)	10,000 gal.	4000 gallon bulk tanker		

*Chemicals must be NSF60 certified for drinking water applications. We recommend awarding items highlighted in yellow to bidder at top of column if material meets specifications or next lowest qualified bidder.

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TABLE 2
CLAYTON COUNTY WATER AUTHORITY
FILTER MEDIA BID OPENING

Tuesday, February 13, 2007 - 2:30 p.m.

Page 1 of 1

FILTER MEDIA	QTY	UNIT SIZE	Anthrafilter Inc.	Kleen Industrial Svcs	Unifilt Corp	Carbonite Fliter Corp	Prominent
Anthracite uniformity coefficient 1.5 size 1.1-1.2 mm	1,800 cu. ft.	1cu/ft Bag	7.54 bag	No bid	8.78 bag	7.29 bag	7.33 bag
Anthracite uniformity coefficient 1.5 size 1.1-1.2 mm	45 super sacs	1 ton super sac	305.54 sac	389.65 sac	328.89 sac	282.12 sac	282.00 sac

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**TREATMENT CHEMICAL BID RESULTS
 COMPARISON of FISCAL YEAR 2006 & 2007**

		FY 2006			FY 2007		
Chemical	Annual Quantity Used (Est.)	Low Bidder	Low Bid \$/Unit	Annual Cost \$	Low Bidder	Low Bid \$/Unit	Annual Cost \$
Liquid Lime	1,200,000	Burnett Lime	0.045/lb	54,000	Burnett Lime	0.045/lb	54,000
Bulk Hydrated Lime	250 Tons	Cheney Lime	108.52/ton	27,130	Cheney Lime	122.83 Ton	30,707
Calcium Hypochlorite	800 Lbs	Univar USA	1.10/lb	880	Industrial Chemical & Univar USA	1.24 lb	992
Chlorine	70 Tons	Allied Universal	473/cyl	33,110	Brentag Mid South	468.00 Ton	32,760
Copper Sulfate Med. Cry.	55,000 Lbs	Chemrite	1.25 /lb	68,750	Industrial Chemical	1.50 lb	82,500
Dense Soda Ash	40,000 Lbs	Harcros	0.1815/lb	7,260	Industrial Chemical	.18 lb	7,200
Ferric Sulfate	400,000 lbs	Kemiron	.63/lb	252,000	Kemira	.79 lb	316,000
Liquid Aluminum Sulfate	1400 Tons	General Chemical	203.90/ton	285,460	General Chemical	221.90 Ton	310,660
Ortho Phosphate	20,000 Gal	Carus	1.73/gal	34,600	Carus	1.55 gal	31,000
Potassium Permanganate	20,000 Lbs	Ind Chem	2.13/lb	42,600	Chemrite	2.07 lb	41,400
Sodium Hypochlorite 12.5%	470,000 Gal	Allied Universal	.634 /gal	297,980	Allied Universal	.608 gal	285,760
Sodium Silica Fluoride	50,000 Lbs	Harcros	.3455/lb	17,275	Harcros	.35 lb	17,500
Solar Salt	570,000 lbs	Cargill Salts	.0575/lb	32,775	Univar	0.0608 lb	34,656
Acetic Acid	400,000 Lbs	Univar USA	.189/lb	75,600	Univar	.187 lb	74,800
Aluminum Chloride	100,000 Lbs	Kemiron	2.04/lb	204,000	Kemira	2.30 lb	230,000
Hydrochloric acid	20,000 gal	Ind Chem	1.082/gal	21,640	Basic Chemical	.999 gal	19,980
Fluorosilic Acid 23%	20,000 gal	LCI Ltd.	1.313/gal	26,260	LCI Ltd.	1.8181 gal	36,362
Sodium Chlorite 30% Tote	40 totes	Internat. Dioxide	1416.25 tote	56,650	Intern. Dioxide	1,5400.00 tote	61,600
Sodium Chlorite 25%	20,000 gal	US Filter	3.917/gal	78,340	Siemens	4.25 gal	85,000
Caustic Soda 20%	500,000 lb	Basic Chemical	0.06/wet lb	30,000	Basic Chemical	0.0469 lb	23,560
TOTAL ANNUAL COST				1,646,310			1,776,437

Costs reflect an estimated annual increase of 7.9%

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UPON Motion by Lloyd Joiner and seconded by John Westervelt it was unanimously

RESOLVED: to approve staff's recommendation to use the lowest bidder identified in Table 1 & Table 2 for all of the Chemicals and Filtered Media used by the Authority for 2007.

Concrete Products (Picked Up/Delivered) Recommendation: Chairman McQueen called on Herbert Etheridge, Manager of Maintenance & Construction, who stated that this proposal is for concrete block and bags of cement. The Authority only received one (1) bid from Walker Construction Products in the amount of seventeen thousand two hundred four dollars and fifty cents (\$17,204.50). The market is pretty tight with Home Depot, Lowes and others that offer this service. The last two (2) years the Authority has not received any bids. Staff recommends purchasing these Concrete Products (Picked Up/Delivered), as needed, from Walker Construction Products with a bid of seventeen thousand two hundred four dollars and fifty cents (\$17,204.50).

Clayton County Water Authority
 Concrete Products Picked Up/Delivered
 March 2007

Vendor	Bid Amount
Walker Construction Products 9344 S. Main St. Jonesboro, GA 30235	\$17,204.50
C&J Carriers 2509 Lovejoy Rd. Lovejoy, GA. 30350	No Bid
Evans Sand & Gravel, Inc. 114 Quarry Road Stockbridge, GA 30281	No Bid
GMS Select Products 1940 Highway 42, South McDonough, GA 30253	No Bid
Concrete Supply Company P.O. Box 113 Fayetteville, GA 30214	No Bid

UPON Motion by John Chafin and seconded by Doug Bonner it was unanimously

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RESOLVED: to approve staff's recommendation to purchase these Concrete Products (Picked Up/Delivered), as needed, from Walker Construction Products with a bid of seventeen thousand two hundred four dollars and fifty cents (\$17,204.50).

Ready Mix Concrete Recommendation: Mr. Etheridge stated that the Authority received three (3) bids for Ready Mix Concrete. Staff recommends authorization to purchase from all vendors that submitted bids. We will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs. Walker Concrete Company was the lowest bidder at one hundred seventy-one thousand two hundred eighty-one dollars and fifty cents (\$171,281.50).

Clayton County Water Authority
 Ready Mix Concrete
 March 2007

Vendor	Bid Amount
Walker Concrete Company P.O. Box 2637 Stockbridge, GA 30281	\$171,281.50
Thomas Concrete of Georgia 2700 Cumberland Parkway Atlanta, GA 30339	\$209,881.25
LaFarge, North America 12735 Morris Road Extension Alpharetta, GA 30004	\$220,950.00
Blue Circle 1800 Parkway Place S.E. Marietta, GA 30067	No Bid

UPON Motion by Lloyd Joiner and seconded by John Chafin it was unanimously

RESOLVED: to approve staff's recommendation to purchase from all vendors that submitted bids for the Ready Mix Concrete. The Authority will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs.

Quarry Products (Delivered) Recommendation: Mr. Etheridge stated that Quarry Products (Delivered) is basically gravel and some cement either delivered here at the Main Office location or at the job site. Staff recommends authorization to

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purchase from the lowest four vendors that submitted bids. We will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs. Gregg Holland Enterprises is staff's first choice with a bid of one hundred thirty-three thousand four hundred fifty dollars (\$133,450).

Clayton County Water Authority
 Quarry Products - Delivered
 March 2007

Vendor	Bid Amount
Greg Holland Enterprises 100 Howell Ave. Fairburn, GA 30213	\$133,450.00
C&J Carriers, LLC P.O. Box 490 Lovejoy, GA 30350	\$140,795.00
Concrete Supply P.O. Box 113 Fayetteville, GA 30214	\$143,060.00
MAR Trucking 1944A Rogers Lake Rd. Lithonia, GA 30058	\$143,800.00
Walker Brothers Trucking 610 Bohannon Rd. Fairburn, GA. 30213	\$153,880.00
Walker Construction Products 9344 S. Main St. Jonesboro, GA 30235	\$181,024.00
Evans Sand & Gravel, Inc. 114 Quarry Road Stockbridge, GA 30281	No Bid

UPON Motion by John Westervelt and seconded by Marie Barber it was unanimously

RESOLVED: to accept staff's recommendation to purchase from the lowest four vendors that submitted bids, Greg Holland Enterprises, C&J Carriers, LLC, Concrete Supply, and MAR Trucking. We will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs.

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Quarry Products (Picked Up) Recommendation: Mr. Etheridge stated that the Quarry Products (Picked Up) recommendation is based on job location as the line item product prices were very close on a per ton basis. Staff recommends authorization to purchase these materials from Vulcan Materials Company or Florida Rock Industries based on the geographical location of a worksite as Vulcan's Quarry is in Stockbridge and Florida Rock's Quarry is in Forest Park.

Clayton County Water Authority
 Quarry Products – Picked Up
 March 2007

Vendor	Bid Amount
Florida Rock Industries 225 Lees Mill Road Forest Park, GA 30050	\$103,080.00
Vulcan Materials Company S.E. Division P.O. Box 80730 Atlanta, GA 30366-0730	\$117,700.00
LaFarge Aggregates 5455 W. Lees Mill Rd College Park, GA 30349	No Bid

UPON Motion by John Chafin and seconded by Lloyd Joiner it was unanimously

RESOLVED: to accept staff's recommendation to purchase these materials from Vulcan Materials Company or Florida Rock Industries based on the geographical location of a worksite as Vulcan's Quarry is in Stockbridge and Florida Rock's Quarry is in Forest Park. The line item product prices were very close on a per ton basis.

Plant Mix Asphalt Recommendation: Mr. Etheridge stated that staff recommends authorization to purchase from all three (3) vendors who submitted bids for Plant Mix Asphalt. We will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs.

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Clayton County Water Authority
 Plant Mix Asphalt
 March 2007

Vendor	Bid Amount
Baldwin Paving Company 1014 Kenmill Drive Marietta, GA 30060	\$12,391.25
E.R. Snell Contracting, Inc 2092 Scenic Hwy. Snellville, GA 30078	\$12,436.75
Metro Materials, Inc. 1318 Henrico Road Conley, GA 30288	\$13,061.75
CW Matthews 360 Corporate Center Ct. Stockbridge, GA 30281	No Bid
Couch Construction, L.P. P.O. Box 2129 Peachtree City, GA 30269	No Bid

Staff recommends authorization to purchase from all vendors who submitted bids. We will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs.

UPON Motion by John Westervelt and seconded by John Chafin it was unanimously

RESOLVED: to accept staff's recommendation to purchase from all three (3) vendors who submitted bids, Baldwin Paving Company, E. R. Snell Contracting, Incorporated, and Metro Materials, Incorporated for Plant Mix Asphalt. The Authority will always attempt to use the lowest bidder and will use other vendors only in the event that the low bidder cannot meet our schedule/needs.

Pre-Cast Manhole Products Recommendation: Mr. Etheridge stated that staff is recommending the purchase of Pre-Cast Manhole products from Foley Products, in the amount of nine thousand seven hundred thirty dollars (\$9,730).

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Clayton County Water Authority
 Pre-cast Manhole Products
 March 2007

Vendor	Bid Amount
Foley Products 5526 Schatuga Road P.O. BOX 7877 Columbus, GA 31908	\$9,730.00
Cole Products P.O. Box 666 Forest Park GA 30051	No Bid

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

RESOLVED: to accept staff's recommendation to purchase Pre-Cast Manhole products from Foley Products, in the amount of nine thousand seven hundred thirty dollars (\$9,730).

Huie Wetlands Phase 4 Part One Bids: Chairman McQueen called on Mike Buffington, Program Management Engineer, who showed the Board slides of the Huie Constructed Wetlands. Phase 4, or Site A, of this project is the largest wetlands project, which will provide about 8.16 MGD of treatment and will discharge directly to the Blalock Reservoir. Phase 4 project will be bid and constructed in two parts, which follows our "pay as you go" plan. Mr. Buffington stated that staff recommends awarding this project to the low bidder, Gary's Grading & Pipeline, Incorporated in the amount of one million four hundred thirty-two thousand two hundred eighty dollars and twenty cents (\$1,432,280.20).

HUIE CONSTRUCTED WETLANDS
 PHASE 4 (PART 1) BID RECOMMENDATION

Treated effluent is pumped from the Casey Water Reclamation Facility (WRF) to the Huie site for further treatment on land application (LAS) and constructed wetlands. To expand and upgrade treatment at the Huie site, the LAS will be converted to constructed wetlands in several phases. Phase one with a treatment capacity of 3.60 MGD was placed in service September 2005; Phase 2 with a capacity of 2.65 MGD was placed in service July 2006; and Phase 3 with a capacity of 3.12 MGD is under construction with completion scheduled for July 2007.

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The Phase 4 project with a treatment capacity of 8.16 MGD will be bid and constructed as two separate parts. Part 1 will include distribution piping and Site A stabilization after completion of timbering; and Part 2 will include Site A constructed wetlands. This project includes construction of the Part 1 project. Part 2 will be bid near the end of 2007 pending availability of funds.

Project Managers:
 CH2M Hill, Engineers – Wayne Murphy
 Clayton County Water Authority – Mike Buffington

Bid Opening:

Bids for construction of Huie Constructed Wetlands Phase 4 (Part 1) project were received and opened at 2:00 PM, Local Time, February 15, 2007. The following bids were received:

Gary's Grading & Pipeline, Inc.	\$ 1,432,280.20
Heavy Constructors, Inc.	\$ 1,611,944.00
Eagle Excavation, Inc.	\$ 1,667,300.00
Cline Service Corporation	\$ 1,954,750.00
Lewis Trucking and Grading, Inc.	\$ 2,230,500.00

Estimate:

Final Engineers Estimate	\$ 1,760,000
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Funding:

The project will be funded by R&E Funds.

Recommendation:

CCWA staff and CH2M Hill recommend award to the low bidder.

UPON Motion by John Westervelt and seconded by Lloyd Joiner it was unanimously

RESOLVED: to accept staff's recommendation to award this project, Huie Constructed Wetlands Phase 4, Part 1, to the low bidder, Gary's Grading & Pipeline, Incorporated in the amount of one million four hundred thirty-two thousand two hundred eighty dollars and twenty cents (\$1,432,280.20) contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Georgia Power Electrical Service for Huie Site: Jim Poff, Manager of Water Reclamation, stated that the Huie Site has a twenty-seven (27) year old overhead

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power distribution system. In our 2005 E. L. Huie, Jr. Master Plan, it was determined that this system would need to be replaced. After Georgia Power came out and evaluated our service sites, seven (7) sites were identified as needing repair.

**GEORGIA POWER ELECTRICAL SERVICE FOR THE HUIE CONSTRUCTED
 WETLANDS SITES (March 1, 2007)**

The E.L. Huie Jr. Natural Treatment site power needs are currently served by a 27 year old overhead power distribution system. As part of the 2005 E.L. Huie Jr. Master Plan recommending 100% conversion to Constructed Wetlands, it was decided that this system would need to be replaced. Maintenance costs alone on this system over the last five years were \$70,537. Seven different service locations within the Huie site have been identified by CH2M Hill, CCWA, and Georgia Power. The costs to serve each site include all labor, materials, and outside services for both Georgia Power and CCWA.

Type of Service	Service From	Service To	Georgia Power Cost	CCWA Cost
3 Phase	Noah's Ark Road	Site G Flow Building	\$32,771	\$2,632
1 Phase	Site G Flow Building	North Loop Road Junction Box	\$9,913	\$2,557
1 Phase	North Loop Road Junction Box	Site B, C, H Flow Building	\$10,247	\$2,557
1 Phase	Site B, C, H Flow Building	Site I Flume	\$17,347	\$2,557
1 Phase	Site I Flume	Site I Flow Building	\$30,693	\$2,557
1 Phase	North Loop Road Junction Box	Site B, C, D, and E Flume (Bobcat)	\$18,136	\$2,557
1 Phase	CUB Building	CUB Restrooms, Test Well, and Site A	\$32,808	\$3,093
Total			\$151,915	\$18,510

Water Reclamation staff recommends that we contract with Georgia Power for the work stated above at a cost of \$151,915 and fund the CCWA cost of \$18,510 for this project. The total price for the project will be \$170,425 and is budgeted in the R&E fund.

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

RESOLVED: to accept staff's recommendation to contract with Georgia Power for the repair work at the seven (7) Huie Constructed Wetlands Sites at a cost of one hundred fifty-one thousand nine hundred fifteen dollars (\$151,915) and fund the CCWA cost of eighteen thousand five hundred ten dollars (\$18,510) for this project contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents. The total price for the project will be one hundred seventy thousand four hundred twenty-five dollars (\$170,425) and is budgeted in the R&E fund.

Brown Road Lift Station & Forcemain Bids: Chairman McQueen called on Bruce Taylor, Manager of Program Management & Engineering, who explained that this Brown Road Lift Station project is a two-part request. The first part is to increase the funding for this project. When we originally brought this project to the Board in June, the engineer's estimate was for preliminary design. We now understand more the scope of the lift station itself, the upgrade for this project, and we have determined that additional funding is needed. The first request is to increase the project budget by two hundred sixty-one thousand six hundred fifty-four dollars and four cents (\$261,654.04).

Mr. Thomas explained that the Authority was working on a real tight site. When we were doing the preliminary design for the Brown Road Lift Station, we thought that we might be able to get more property, but this site will involve condemnation. We are going to have to drive sheet pilings down to the ground right next to the existing lift station to work within the footprint of that existing lift station. There are also some items in the bid that Bruce will explain. In the past, if the contract involved pipeline and we did not have a provision for hitting rock, the Authority wound up negotiating with the contractor. We expect this project to come in under budget.

Brown Road Lift Station & Forcemain Bids

This project was formerly known in the 2005 Master Plan Update as the Flint River/Swamp Creek Sewer Line Extension. The purpose of this project was to address capacity concerns at the Brown Road Lift Station, to eliminate a number of lift stations in this basin and to provide sewer service in some areas that are not currently sewerred. As design of this project proceeded and surveying was completed, we determined that it was not feasible to extend a gravity sewer line up the Flint River and Swamp Creek. The lay of the land is too flat and appropriate sewer line slopes could not be obtained.

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Our proposed alternative is to upgrade the Brown Road Lift Station because of significant development in the basin above the lift station and install a new forcemain to transfer the increased flows to the Casey Water Reclamation Facility (WRF). The other existing lift stations in this basin have adequate capacity.

The project cost was estimated at \$838,909.60 for the conceptual design and was approved in the June 1, 2006 Board Meeting. The project cost is estimated at \$1,100,563.64 now that we have completed the design and have determined additional needs for installation of the lift station. The contracted services for this project received a low bid in the amount of \$931,654.04 by Site Engineering. Therefore, we are seeking approval to increase the project budget by \$261,654.04.

UPON Motion by Lloyd Joiner and seconded by John Westervelt it was unanimously

RESOLVED: to approve staff's recommendation to increase the Brown Road Lift Station project budget by two hundred sixty-one thousand six hundred fifty-four dollars and four cents (\$261,654.04).

Mr. Taylor stated that the second part is the actual bid. We are recommending approval of the low bid by Site Engineering in the amount of nine hundred thirty-one thousand six hundred fifty-four dollars and four cents (\$931,654.04), pending the review of references, for the Brown Road Lift Station Forcemain. Site Engineering meets all of our qualifications. Mr. Taylor stated that we reviewed their history, their previous work, and received recommendations. They have good records on previous projects of similar scope, and their D&B rating was very high.

BROWN ROAD LIFT STATION FORCEMAIN
 Tab Sheet

Vendor	Bid Amount
Site Engineering	\$ 931,654.04
Willow Construction	\$ 963,090.22
Lewis Trucking and Grading, Inc.	\$ 1,047,601.73
Mid-South Builders, Inc.	\$ 1,143,994.00
Civil Works/Desmear Systems, Inc.	\$ 1,487,688.06
Bowlin Grading	No Bid
Crawford Grading & Pipeline	No Bid
D&J's Trenching Services, Inc.	No Bid
Double P Grading	No Bid
Eagle Excavation	No Bid

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Gary's Grading & Pipeline Co., Inc.	No Bid
Gordy Construction Co.	No Bid
Greystone Grading	No Bid
John D. Stephens, Inc.	No Bid
Mid-South Clearing Services, Inc.	No Bid
Ronny D. Jones Enterprises, Inc.	No Bid
Strack, Inc.	No Bid
Templeton & Associates Engineering	No Bid
Tom Davidson & Sons, Inc.	No Bid
Tri-Star of America	No Bid

We are recommending approval of the low bid by Site Engineering pending the review of references.

UPON Motion by John Chafin and seconded by Wes Greene it was unanimously

RESOLVED: to award the Brown Road Lift Station Forcemain contract to Site Engineering, pending the review of references, in the amount of nine hundred thirty-one thousand six hundred fifty-four dollars and four cents (\$931,654.04) contingent upon approval of bonds and insurance as required by the specifications and to authorize the General Manager to sign the contract documents.

Riverdale Medical Building Sewer Easement Abandonment: Mr. Taylor stated that this next item is for a quit claim for several easements for the Riverdale Medical Building Sewer Easement Abandonment across from Southern Regional Medical Center. When this property came up for sale, we realized that there were several easements that had not been abandoned. One easement goes right through the building. We want to propose an additional easement for the water vault and relocate the proposed easement on a twenty inch (20") sewer. Staff recommends approval of this sewer easement abandonment which would clean up several easements on this property and allow the owner to sell the property. .

UPON Motion by John Chafin and seconded by John Westervelt it was unanimously

RESOLVED: to approve staff's recommendation to quit claim several easements for the Riverdale Medical Building Sewer Easement Abandonment across from Southern Regional Medical Center.

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Health Insurance Renewal: Chairman McQueen called on Ed Durham, Human Resources Director, who wanted to update the Board on the Authority's Health Insurance Renewal. Mr. Durham stated that initially the insurance company proposed an eleven point three percent (11.3%) increase, but after careful negotiations Blue Cross/Blue Shield came back with a counter offer of nine percent (9%). Not satisfied with that offer, we negotiated further and Blue Cross/Blue Shield's final offer was a five percent (5%) increase.

UPON Motion by Wes Greene and seconded by John Westervelt it was

RESOLVED: to approve the proposed health insurance renewal with Blue Cross/Blue Shield with a five percent (5%) increase effective for the period of May 1, 2007 to April 30, 2008. There is no increase for dental coverage, life insurance coverage, or short term disability coverage, but employees will have a ten cent (\$.10) per hundred dollar (\$100) increase in covered payroll for long term disability.

Vice Chairman, Lloyd Joiner, abstained.

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

RESOLVED: that the Board adjourn into Executive Session for land, legal, and personnel issues. The Board reserves the right to return to the open session.

The Board returned to open session.

After discussion in Executive Session, the Board proposed a Hearing Officer be appointed for an employee appeal process.

UPON Motion by Wes Greene and seconded by John Chafin it was unanimously

RESOLVED: to appoint Greg Hecht, legal counsel, as a Hearing Officer for an employee appeal process. Mr. Hecht would be retained at a rate of one hundred fifty dollars (\$150) per hour.

Mr. Thomas stated that the Authority has participated with the Metro North Georgia Water Planning District in an effort to bring federal grant funding back to the district. In doing this, the District has organized an effort to pay a lobbying firm to lobby our representatives and others in Congress to obtain some of those funds to bring back to the district. It was successful early on. The Authority has contributed fifteen thousand dollars (\$15,000) a year. In the first three (3) years, we did receive

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funding back. The last two years (2) we have received zero (\$0). The anticipation in the upcoming year is that we will not receive any money. This is known as "earmarks". Mr. Thomas stated that his recommendation to the Board is that the Authority will no longer continue to participate in this process. This was for informational purposes only as it is under Mr. Thomas' approval amount. The Board agreed with Mr. Thomas' recommendation to discontinue our participation in the Metro North Georgia Water Planning District Federal Grant Research.

Mr. Thomas stated that at the last meeting we talked about a policy to reward individuals that receive their bachelor, master, or associates' degrees. The policy states that if the degree obtained is in the employee's direct field of work, at an accredited university, as approved by our HR department, the employee would receive a five percent (5%) increase.

Education Incentive Policy

Clayton County Water Authority believes in the ongoing and continued education of their employees to promote a stronger organization that can better adapt to the changing needs of our industry. To support our employees in their efforts to improve their knowledge in their current position, we are providing various educational incentives that will not only aid them in their self-development but will also enable CCWA to better serve its customers. Employees should contact the Human Resources Department to determine if their course of study will be considered for this benefit, as some company positions have certain educational requirements incorporated in their salary calculations.

College Education

All employees who obtain an Associate's Degree, Bachelor's Degree or Master's Degree from an approved accredited college institution may be rewarded with a one time salary increase for each degree obtained, subject to approval by Human Resources. Human Resources will determine whether the one time salary increase is applicable based upon the degree obtained, the institution attended and the relation of the degree to the employee's current position. Degrees must be specific to the employee's current position and will not be considered for previous positions. Degrees unrelated to an employee's current position may be considered when an employee applies for other CCWA positions related to the degree. This policy shall become effective March 1, 2007; however, employees who have attained a degree after February 2006 that is related to their current position may be eligible for the benefit under this policy. The employee who qualifies under this policy will receive a 5% salary increase upon the validation of the degree completion by Human Resources.

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Procedure

Any employee that desires to participate in this policy must comply with all requirements of this policy. For all employees that are currently pursuing a degree or certificate, or who are considering such pursuit, contact Human Resources to ensure that the degree or certificate program complies with the requirements of this policy.

Upon completion of a degree or certificate program, an interested employee must provide a written request to Human Resources. The employee must provide, along with the written request, documentation showing the degree earned or the certification received, along with any other documentation to support the request for the benefit under this policy. All increases in salary provided by this policy are subject to approval from Human Resources. All increases in salary provided by this policy are subject to the availability of funds as budgeted in the applicable fiscal year. This policy does not create any additional rights for employees. This policy provides a benefit that is subject to the terms and conditions set by the CCWA and subject to any restrictions hereafter made.

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

RESOLVED: to approve the education policy that states if an employee obtains a bachelor, masters, or associates degree in their direct field of work, at an accredited university, as approved by our HR department, the employee would receive a five percent (5%) increase.

Mr. Thomas stated that there is a very complicated reporting and monitoring process at our drinking water plants. Our employees do a good job following this process, but recently we have had an EPD inspection. The EPD calls it a "sanitary survey" which includes a comprehensive survey of your plant. At our Smith Water Production Plant, they found something that occurred in September 2004. We monitor the level of chlorine that goes out of the plant into the distribution system. A chart recorder records the readings, but the recorder got stuck. There still was a digital readout and our employees were still writing the readings down every two hours along with taking chlorine and bacteria samples out in the system. Because that chart recorder failed and was not repaired for about twenty (20) days, it is considered a reporting violation. If you have a reporting violation, EPD requires that you tell your customers. There are two options on how we could report this to our customers. One option would be a legal ad in the News Daily newspaper or the other option would be to include this information in our annual water quality report. EPD would prefer that we include this information in our annual water quality report.

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There was one other more recent incident that also occurred at the Smith Plant. This was a different chemical that we use in the process, and it only has to be monitored once a day. But if you have a problem, then you have to adjust and go out in your system and take some special samples. At the Smith Plant, staff had decided to move that collection time to the midnight shift. The reason for this was because if there was a problem, it would allow twenty-four (24) hours to respond. They made the decision to change the collection time, and three (3) days later they had a substitute operator working who was not aware of the need to take the special samples. Our staff followed up that same day with other checks, and there was no problem. Once again, it was a failure to monitor and report. Since this has happened, Mr. Pihera has developed written procedures that are posted on the bulletin board. We are considering having the samples taken every shift. Mr. Thomas added that the Authority will include this information in the Consumer Confidence Report (Annual Water Quality Report), which goes to every customer of the Water Authority.

Mr. Thomas stated that at the Huie Land Application System where we have holding ponds and a large pump station that pumps out to the irrigation system. There are two (2) big screens that screen the water out of those ponds coming into the pumps. The pumping station and all the attached parts are close to thirty (30) years old. We had budgeted to rebuild one this year, but we cannot shut the other screen off. Trash, such as little minnows or grass, gets caught in the screens. We do have the funds in the budget to rework the second screen. We can only buy the parts from the manufacturer of the original screen, Siemens Incorporated, and they would provide the labor and parts at a cost of fifty-three thousand dollars (\$53,000) to repair the second screen.

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

RESOLVED: to approve the repair of the second screen of the pumping station at the Huie Land Application site and to buy the parts from the manufacturer of the original screen, Siemens Incorporated, and they would provide the labor and parts at a cost of fifty-three thousand dollars (\$53,000).

Mr. Thomas stated that the Authority had received a letter from Mary Baker, who is coordinating a dinner to recognize Clayton County's Public Servants who are retiring, including Senator Starr, Representatives Buckner, Barnes, Dodson, Commissioners Griswell, Rhodenizer, and some of the school board members. The dinner will be held at the Pristine Lakeside on April 12, 2007 with a reception at 6 P.M. and dinner at 6:30 p.m. Mr. Thomas wanted the Board to be aware of this invitation.

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After some discussion, the Board felt that the Water Authority had already recognized these individuals at the December 2006 Board meeting and advised Mr. Thomas to send a letter declining this invitation.

Mr. Thomas stated that the City of Riverdale had approached the Water Authority about putting their “brand” on our water tower. Mr. Thomas asked them to send him something showing exactly what they had in mind. Mr. Thomas showed a slide of how the City of Riverdale wanted to paint the tower. The City of Riverdale did say that they would be responsible for any additional cost associated with their “brand” being painted on the tower. If the Board was interested in doing this for the City, staff would show the contractor what the City is proposing and ask for a change order. The City of Riverdale would be responsible for the additional cost.

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

RESOLVED: to reject the request to paint the Riverdale Water Tower with the “brand” of the City of Riverdale and to paint the tower in accordance with the Water Authority’s standard paint job.

Board member, John Chafin, abstained.

Mr. Thomas stated that the Authority has been trying to work with the Corp of Engineers to get the Jesters Creek Stream Restoration project in our own bank for stream restoration. People that do construction work and various stream and pipe installation have to buy credits. When the airport built the Fifth (5th) Runway, they buried a lot of stream, so they need some credits. CH2M Hill has been trying to broker some kind of deal with the Authority and the airport in regard to these credits. The question will come up as to how much we are going to charge for these credits. CH2M Hill did a local survey and credits range from sixty to a hundred dollars (\$60 to \$100). A lot of entities do not have any credits available now, or they are not in the Flint River basin which is where the airport did the work. Mr. Thomas looked at our entire cost of the project to get a good parameter on what we should charge. We had design cost, construction cost, and construction management costs. If we take the total number of credits that was generated by that project and divide it into that project cost, we come up with sixty-five dollars (\$65) a credit. There are also monitoring and maintenance cost associated with this project. Just to get us back on a cost basis, we would need to charge seventy dollars (\$70) a credit. We might want to add a little to that to put us in the right market. Mr. Thomas would like some guidance from the Board on what to charge for these credits.

Board member, John Westervelt, asked how many credits the Authority has.

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Mr. Thomas stated that we have around thirteen thousand four hundred (13,400) credits. The airport needs at least eight thousand (8,000) depending on the action that the Corp requires. The action that the airport needs credits for occurred three (3) years ago.

Mr. Thomas added that he would be a little leery to go too high, as there are competitors. The Chattahoochee bank and the Flint River bank supposedly have credits for sixty-five or seventy dollars (\$65 or \$70).

Upon Motion by Doug Bonner and seconded by Marie Barber it was unanimously

RESOLVED: to approve a minimum charge of seventy-five dollars (\$75) per Stream Restoration Credit but also to have the option to negotiate for a higher fee.

Mr. Thomas stated that the AWWA water conference is in Toronto in June and the Wastewater conference is in San Diego in October. A passport is required for the Toronto trip.

Chairman McQueen stated that it is time to review the budget and asked that the entire Board attend this. The Board agreed on Monday, April 9th, at 9:00 a.m. at the Smith Community Use Building. A draft budget was handed out to the Board for their review.

Chairman McQueen stated that in the event that he is not reappointed to this Board, he wanted to tell them how much he has enjoyed working with each of them.

Ms. Barber stated that on behalf of David Ennis (Executive Director of Clayton County Family Care) she wanted to thank the Water Authority for all that it has done for the Hardship Assistance Program. They have served thirty-nine (39) customers in February for a total of two thousand six hundred six dollars and ninety-nine cents (\$2,606.99). He was very complimentary of Suzanne Brown and the Water Authority.

Upon Motion by Wes Greene and seconded by John Chafin it was unanimously

RESOLVED: that the regular session board meeting be adjourned.

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

Pete McQueen, Chairman

Walter Marie Barber, Secretary/Treasurer