

CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting
1600 Battle Creek Road
Morrow, GA 30260
March 2, 2017

Present at the meeting were: Chairman John Chafin, Vice Chairman Rodney Givens, Secretary/Treasurer John Westervelt; Board Member Marie Barber, Board Member Elizabeth G. Armstrong, Board Member Dr. Cephus Jackson, Board Member Robin Malone, General Manager Mike Thomas, Assistant General Manager Jim Poff, Assistant General Manager Bernard Franks, Legal Counsel Steve Fincher, Executive Coordinator Amanda La Pierre, other CCWA staff and visitors.

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

Invocation

Marie Barber introduced Installation & Repair Foreman Boyd Cummings to give the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, to adopt the agenda it was unanimously

RESOLVED to approve the agenda as proposed.

Approval of Minutes

Chairman John Chafin called for any omissions or additions to the Regular Board Meeting minutes of February 2, 2017.

UPON MOTION by Marie Barber and second by Robin Malone, it was unanimously

RESOLVED to approve the Regular Board Meeting Minutes of February 2, 2017.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending January 31, 2017.

Recognition

General Manager Mike Thomas recognized the Meter Services Loss Prevention Team and all CCWA employees who volunteered their time to participate in a community event during the past year. Information only. No action taken.

New Business

Customer Concern: Ms. Diana McCall was unable to attend the meeting. Information only, no action taken.

Water and Wastewater Chemical Bids Recommendation: Water Production Manager Kendra Staniel presented a recommendation on the Water and Wastewater Chemical Bids.

	1	2	3	4	5	6	7	8	9	10	11	12
	Liquid Aluminum Sulfate	Dense Soda Ash	Bulk Hydrated Lime	Liquid Lime 30% Calcium Hydroxide	Powdered Activated Carbon 50 lb bag	Powdered Activated Carbon 1,000 lb sack	Sodium Silica Fluoride	Copper Sulfate Medium Crystal	Phosphoric Acid 36% PO4	Sodium Hydroxide 25%	Sodium Hypochlorite 12.5% 55 gal drum	Sodium Hypochlorite 12.5% Bulk tanker
	/dry ton	/ lb	/ lb	/ lb	/ lb	/ lb	/ lb	/ lb	/ gal	/ lb	/ gal	/ gal
AFFINITY CHEMICAL, LLC	285.50											
ALLIED UNIVERSAL CORP												0.71700
AZZURE WATER SERVICES												
BRENTAG MID-SOUTH		0.24000			0.59000	0.59000	0.70500	1.6000	3.51000	0.22000	1.45000	0.63900
BURNETT LIME				0.05100								
C & S CHEMICALS	350.00											
CARMEUSE			0.108275									
CARUS CORP.									2.29500			
CEDAR CHEM												
CHEMRITE			0.09590					1.84000	2.51800			
CHEMTRADE CHEMICALS	219.00											
CHENEY LIME COMPANY			0.10120									
COLONIAL CHEMICAL SOLUTION		0.23000		0.04400				1.64000	2.17000	0.14600	1.64000	
DPC ENTERPRISE												0.59780
GEO SPECIALITY CHEMICALS	388.81											
GREER LIME COMPANY			0.11000									
GULBRANDSEN TECHNOLOGIES												
KEMIRA WATER SOLUTIONS												
LHOIST NORTH AMERICA			0.11222									
PENNCO, INC.												
POLYDYNE, INC.												
PROMINENT SYSTEM, INC.					NON-RESPONSIVE	0.55000						
SHANNON CHEMICAL									2.39400			
SOLENIS LLC												
SOUTHERN STATES CHEMICALS												
STERLING WATER TECHNOLOGIES									2.45700			

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CHER ICIAL OF FL IIN CORP AR USA						0.66000	0.47500	1.67500				
		0.25000	0.09626		1.15000		0.49000	1.75000		0.12900	2.00000	0.61850
LOWEST BID AMOUNT	219.00	0.23000	0.09590	0.04400	0.59000	0.55000	0.47500	1.6000	2.17000	0.12900	1.45000	0.59780
LOWEST BIDDER	CHEMTRADE CHEMICALS	COLONIAL CHEMICAL SOLUTION	CHEMRITE	COLONIAL CHEMICAL SOLUTION	BRENNTAG MID-SOUTH	PROMINENT SYSTEMS, INC.	THATCHER CHEMICAL OF FL	BRENNTAG MID- SOUTH	COLONIAL CHEMICAL SOLUTIONS	UNIVAR	BRENNTAG MID-SOUTH	DPC ENTERPRISE

	13	14	15	16	17	18	19	20	21	22	23	24
	Caustic Soda 20%	Polymer, Ashland Praestol K144L	Polymer Brennfloc CP2606	Polymer -- SE-365	Polymer CedarFloc 504	Filter Press Polymer (price per pound)	Sulfuric Acid 78% (bulk tanker)	Sulfuric Acid 78% (tote)	Ferric Sulfate Liquid	Purate bulk	Purate tote	Aluminum Chlorohydrate
	/lb	/lb	/lb	/lb	/lb	/lb	/gal	/lb	/lb of iron EE	/lb	/lb	/lb
AFFINITY CHEMICAL, LLC												
ALLIED UNIVERSAL CORP	0.05600											
AZZURE WATER SERVICES										0.61000	1.03000	
BRENNTAG MID- SOUTH	0.07900		1.29000					0.18000				
BURNETT LIME C & S CHEMICALS												
CARMEUSE												
CARUS CORP.												
CHEM SITE					1.24000							0.22500
CHEM TRADE CALCS									1.25470			0.23000
CHENEY LIME COMPANY												
COLONIAL CHEMICAL SOLUTION	0.07600							0.17000				
DPC ENTERPRISE												
GEO SPECIALITY CHEMICALS												
GREER LIME COMPANY												
GULBRANDSEN TECHNOLOGIES												0.18150
KEMIRA WATER SOLUTIONS									0.73800			
LHOIST NORTH AMERICA												
PENNCO, INC.									0.82700			
POLYDYNE, INC.		NON- RESPONSIVE	NON- RESPONSIVE	0.90000								
PROMINENT SYSTEM, INC.												
SHANNON CHEMICAL												
SOLENIS LLC		1.05000										
SOUTHERN STATES CHEMICALS							1.48000					
STERLING WATER TECHNOLOGIES		NON- RESPONSIVE	NON- RESPONSIVE	NON- RESPONSIVE		0.87700						
THATCHER CHEMICAL OF FL CORP									0.81540			

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UNIVAR USA INC.								0.27500				
LOWEST BID AMOUNT	0.05600	1.05000	1.29000	0.90000	1.24000	0.87700	1.48000	0.17000	0.73800	0.61000	1.03000	0.18150
LOWEST BIDDER	ALLIED UNIVERSAL CORP.	SOLENIS LLC	BRENNTAG MID-SOUTH	POLYDYNE, INC.	CEDAR CHEM	STERLING WATER TECHNOLOGIES	SOUTHERN STATES CHEMICALS	COLONIAL CHEMICAL SOLUTIONS	KEMIRA WATER SOLUTION	AZZURE WATER SERVICES	AZZURE WATER SERVICES	GULBRANDSEN TECHNOLOGIES

CHEMICALS	ANNUAL ESTIMATED QUANTITIES	BID UNITS	LOWEST BIDDER (2016)	LOWEST BID (2016)	ANNUAL ESTIMATED COST (2016)	LOWEST BIDDER (2017)	LOWEST BID (2017)	BID UNITS (2017)	ANNUAL ESTIMATED COST (2017)	% DIFFERENCE
Liquid Aluminum Sulfate	1600	TON	CHEMTRADE CHEMICALS	198.75	\$318,000	CHEMTRADE CHEMICALS	219.00	TON	\$350,400	10.2
Dense Soda Ash	40	LBS	COLONIAL CHEMICAL SOLUTIONS	0.23400	\$18,720	COLONIAL CHEMICAL SOLUTIONS	0.23000	LBS	\$18,400	-1.7
Bulk Hydrated Lime	100	TON	UNIMIN CORP	0.09627	\$19,254	CHEMRITE	0.09590	LBS	\$19,180	-0.4
Liquid Lime 30% Calcium Hydroxide	850,000	LBS	COLONIAL CHEMICAL SOLUTIONS	0.04680	\$39,780	COLONIAL CHEMICAL SOLUTIONS	0.04400	LBS	\$37,400	-6.0
Powdered Activated Carbon (50 lb bag)	3,000	LBS	BRENNTAG MID-SOUTH	0.59000	\$1,770	PROMINENT SYSTEMS, INC.	0.59000	LBS	\$1,770	0.0
Powdered Activated Carbon ((1,000 lb sacks)	10,000	LBS	UNIVAR USA INC.	0.59000	\$5,900	PROMINENT SYSTEM, INC	0.55000	LBS	\$5,500	-6.8
Sodium Silica Fluoride	60,000 (75,000)	LBS	THATCHER CHEMICAL OF FLORIDA	0.44950	\$26,970	THATCHER CHEMICAL OF FLORIDA	0.47500	LBS	\$28,500	5.7
Fluorosilic Acid 23%	16,000	GAL	MOSAIC GLOBAL SALES	1.62000	\$25,920	-----		GAL	\$0.00	-100
Copper Sulfate Med Crystal	40,000 (30,000)	LBS	COLONIAL CHEMICAL SOLUTIONS	1.35000	\$54,000	BRENNTAG MID-SOUTH	1.60000	LBS	\$48,000	-11.0
Phosphoric Acid 36% PO4	24,000	GAL	CARUS CORP	2.44800	\$58,752	COLONIAL CHEMICAL SOLUTIONS	2.17000	GAL	\$52,080	-11.4
Sodium Hydroxide 25%	37,820	LBS	COLONIAL CHEMICAL SOLUTIONS	0.13300	\$5,030	UNIVAR USA, INC.	0.12900	LBS	\$4,879	-3.0
Sodium Hypochlorite 12.5% 55 gal drum	330	GAL	COLONIAL CHEMICAL SOLUTIONS	1.58000	\$521	BRENNTAG MID-SOUTH	1.45000	GAL	\$478	-8.3
Sodium Hypochlorite 12.5% Bulk tanker	500,000	GAL	UNIVAR USA INC	0.59000	\$295,000	DPC ENTERPRISES	0.59780	GAL	\$298,900	1.3
Caustic Soda 20%	4,000,000	LBS	ALLIED UNIVERSAL	0.04860	\$194,400	ALLIED UNIVERSAL CORP	0.05600	LBS	\$224,000	15.2
Polymer, Ashland Praestol K144L	120,000	LBS	SOLENIS	1.05000	\$126,000	SOLENIS LLC	1.05000	LBS	\$126,000	0.00
Polymer Brennfloc CP2606	120,000	LBS	BRENNTAG MID-SOUTH	1.24900	\$149,880	BRENNTAG MID-SOUTH	1.29000	LBS	\$154,800	3.3
Polymer - SE 365	130,000	LBS	POLYDYNE	0.09000	\$117,000	POLYDYNE	0.9000	LBS	\$135,000	15.4
Polymer CedarFloc 504	15,000	LBS	CEDAR CHEM	1.19000	\$17,850	CEDAR CHEM	1.24000	LBS	\$18,600	4.2
Filter Press Polymer (price per pound)	(10,000)	LBS				STERLING STATES CHEMICALS	0.87700	LBS	\$8,770	100
Sulfuric Acid 78% (bulk tanker)	16,000	GAL	SOUTHERN STATES CHEMICALS	1.45000	\$23,200	SOUTHERN STATES CHEMICALS	1.48000	GAL	\$23,680	2.1
Sulfuric Acid 78% (tote)	30,000	LBS	COLONIAL CHEMICAL SOLUTIONS	0.16400	\$4,920	COLONIAL CHEMICAL SOLUTIONS	0.17000	LBS	\$5,100	3.7
Ferric Sulfate Liquid	800,000	LBS	PENCCO, INC	0.82000	\$656,000	KEMIRA WATER SOLUTIONS	0.73800	LBS	\$590,400	-10.0
Purate bulk	220,000	LBS	WATER SOLUTIONS (AZURE)	0.53000	\$116,600	AZURE WATER SOLUTIONS	0.61000	LBS	\$134,200	15.1
Purate tote	30,000	LBS	WATER SOLUTIONS (AZURE)	0.95000	\$28,500	AZURE WATER SOLUTIONS	1.03000	LBS	\$30,900	8.4
Aluminum Chlorohydrate	820,000 (800,000)	LBS	GULBRANDSEN TECHNOLOGIES	0.19200	\$157,440	GULBRANDSEN TECHNOLOGIES	0.18150	LBS	\$145,200	-7.8
Estimated Cost Comparison					\$2,461,407				\$2,462,137	0.03%

Recommendation:

CCWA staff recommended awarding bids for individual chemicals to companies that have submitted the lowest responsive responsible bid for each chemical.

UPON MOTION by Marie Barber and second by Elizabeth G. Armstrong, it was unanimously

RESOLVED to award the bids to the companies that have submitted the lowest responsive responsible bid for each chemical based on their unit prices and contingent upon approval of bonds and insurance as required.

Hooper Upper Channel Dredging Bid Recommendation: Water Production Manager Kendra Stanciel presented a recommendation on the Hooper Upper Channel Dredging Bid.

COMPANY NAME OF BIDDER	Mobilization (Shall not exceed 5% of total bid amount)	Sediment Dredging & Dewatering - cu. yds. (Unit Cost)	Sediment Dredging & Dewatering (Extended Amount)	Site Restoration and Demobilization	TOTAL BID AMOUNT
C & M DREDGING	10,000.00	10.00	187,000.00	10,000.00	\$ 207,000.00
C. A. MURREN & SONS CO. INC.	21,739.00	16.94	316,778.00	96,315.00	\$ 434,832.00
GULLET SANITATION	16,387.75	17.55	328,185.00	16,387.75	\$ 360,960.50
J. MITCHELL CONTRACTING, LLC	8,550.00	9.14	170,918.00	43,136.00	\$ 222,604.00
RUTLEDGE CRANE SERVICE INC.	1,487.00	5.14	96,118.00	1,487.00	\$ 99,092.00

Recommendation:

CCWA staff recommended awarding the bid to Rutledge Services, INC., who was the lowest responsive responsible bidder. The award is based on prices shown, however final project cost will be based on actual quantity dredged not to exceed 18,700 cubic yards. This award is contingent upon bidder meeting bond requirement, risk management requirement, as well as the Board authorizing the general manager to sign the contract.

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, it was unanimously

RESOLVED to award the Hooper Upper Channel Dredging bid to Rutledge Services, Inc. for a dredged amount not to exceed 18,700 cubic yards contingent on approval of bonds and insurance and to authorize the General Manager to sign the contract.

New Compact Excavator Purchase Recommendation: Stormwater Program Director Kevin Osbey presented a recommendation on the purchase of a New Compact Excavator.

Vendor	Model	List Price	Contract Price	Extended Warranty	Total Price
Ascendum Machinery, Inc.	Volvo ECR88D	\$153,303.00	\$92,551.00	\$1,520.00*	\$94,071.00
Lashley Tractor	Kubota KX080-4	\$119,526.00	\$93,474.00	\$3,800.00	\$97,274.30
CAT Yancey	Caterpillar 308E2	\$148,993.00	\$112,000	Included	\$112,000.00

Recommendation:

CCWA staff recommend awarding the purchase of one (1) Volvo ECR88D Compact Excavator in the amount of \$94,071.00 from Ascendum Machinery, Inc. Georgia State Contract #99999-001-SPD0000102-0013 will be used to purchase this excavator.

UPON MOTION by Rodney Givens and second by Elizabeth G. Armstrong, it was unanimously

RESOLVED to award the bid for the purchase of one (1) Volvo ECR88D Compact Excavator to Ascendum Machinery, Inc. for the low responsive responsible bid amount of \$94,071.00 under Georgia State Contract #99999-001-SPD0000102-0013.

GEFA Loan Approval: Finance Director Allison Halron presented an approval request for the GEFA Loan.

In September 2016, the Board approved pursuing a GEFA loan for the next phase of the Flint River Outfall work. The GEFA Board approved \$25 million at 0.65% with a 15-year repayment term to begin after construction is completed or the funds have been fully drawn.

Fiscal Year Ended April 30,	Projected - FYE							
	2017	2018	2019	2020	2021	2022	2023	2024
Current Long-Term Obligations								
Existing Bond Debt Service	20,187,740	\$20,192,955	\$21,070,230	\$20,569,425	\$20,544,450	\$20,545,500	\$20,543,250	\$0
Existing GEFA Debt Service	797,647	797,647	797,647	797,647	797,647	797,647	797,647	797,647
CW02008	514,317	514,317	514,317	514,317	514,317	514,317	514,317	514,317
DW00002P	283,329	283,329	283,329	283,329	283,329	283,329	283,329	283,329
Existing Long-term Debt Service	20,985,387	20,990,602	21,867,877	21,367,072	21,342,097	21,343,147	21,340,897	797,647
<i>Proposed Debt Service</i>								
Proposed New Debt: P&I Payments		-	-	-	1,749,688	1,749,688	1,749,688	1,749,688
Interest Only Payment		75,833	151,667	162,500				
Proposed Additional Obligations	0	75,833	151,667	162,500	1,749,688	1,749,688	1,749,688	1,749,688
Total Proposed Obligations	\$20,985,387	\$21,066,435	\$22,019,543	\$21,529,572	\$23,091,784	\$23,092,834	\$23,090,584	\$ 2,547,334
Debt Service Coverage - Bonds	2.53	2.43	2.32	2.38	2.40	2.41	2.41	N/A
Debt Service Coverage - Including GEFA Loans	2.44	2.34	2.24	2.29	2.14	2.14	2.14	19.43

Recommendation:

CCWA staff recommended that the Board authorize the General Manager to sign and execute the GEFA loan contact upon approval by the Clayton County Commission and acceptance by CCWA’s legal counsel.

UPON MOTION by Rodney Givens and second by Marie Barber, it was unanimously

RESOLVED to authorize the General Manager to sign and execute the GEFA loan contract upon approval by the Clayton County Commission and acceptance by CCWA’s legal counsel.

Executive Session

UPON MOTION by Marie Barber and second by John Westervelt, it was unanimously

RESOLVED to enter into an Executive Session in order to discuss personnel and legal matters.

UPON MOTION by Rodney Givens and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to leave the Executive Session and return to open session along with approving the minutes of the Executive Session as presented.

Updates from the Board Members and General Manager

UPON MOTION by John Chafin and second by John Westervelt it was

RESOLVED to transfer \$636,000.00 from the OPEB (Other Post Retirement Benefits) Trust account into the self-funded health insurance account in order to pay retiree health benefit costs. In favor: John Chafin, John Westervelt, Marie Barber, Elizabeth G. Armstrong, Dr. Cephus Jackson and Robin Malone. Abstain: Rodney Givens. Motion carries.

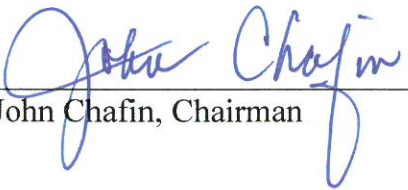
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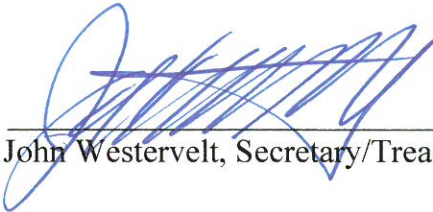
Adjourn

UPON MOTION by Dr. Cephus Jackson and second by John Westervelt it was unanimously

RESOLVED to adjourn the Board Meeting at 3:41 p.m., there being no further business to come before the Board of Directors.



John Chafin, Chairman



John Westervelt, Secretary/Treasurer