



Regular Commission Meeting October 11, 2017

The Chester Metropolitan District's Regular Commission meeting was held at 6:00 pm on Wednesday, October 11, 2017 at the CMD Office, 155 Wylie Street, Chester, SC. Members attending were: Earl Thrailkill, Chairman; Jean H. Nichols, Secretary; Sharon Peterson; Raymond Douglas, and James Simpson. Others in attendance were Fred Castles, Executive Director; Susan Roddey, Executive Assistant: Andy Litten, District Engineer; Arthur Gaston, Attorney; and Tommy McMinn of Richburg.

Chairman Earl Thrailkill called the meeting to order.

Commissioners stood for the Pledge of Allegiance, then Arthur Gaston offered a short invocation for those interested in participating.

Chairman Thrailkill asked for corrections or additions to the minutes. Mr. Simpson stated that a question about the bank building was attributed to him, but he did not ask the question. Mr. Douglas confirmed that he asked the question.

Pending the above-stated correction, the minutes of the September 13, 2017 meeting were approved. Motion to approve was made by Jean Nichols, Seconded by Sharon Peterson, and unanimously approved.

Old Business:

Filter Plant Report- Mr. Castles read the report for September. A copy of the report is attached to the minutes.

> Mr. Douglas asked if the leak on the sodium chlorite fill line was something that happened often. Mr. Castles stated that the leak was on a storage tank, and it is not something that happens often.

Depot Report-

Susan Roddey read the report for September. A copy of the report is attached to the minutes. This will be the final report on the Depot Project. The project is closed.

Engineer's Report-

Andy Litten read the report for September. A copy of the report is attached to the minutes.

Mr. Thrailkill asked if the Lawnsdale water line is on public right of way or private property. Mr. Litten stated that it is on state property. Mr. Thrailkill then asked where the line runs. Mr. Litten stated that it runs between Lawnsdale and Hightower roads.

Mr. Simpson asked if the Sleep Inn and Holiday Inn are new construction. Mr. Litten stated that they are. Sleep Inn will be between the Liberty Gas Station and the Days Inn. The Holiday Inn Express will be between Gateway and IGA/BP.

Mr. Douglas asked if the Christ Central Ministries line was for the sprinkler system and if it's costly. Mr. Litten stated that it is for the sprinkler system, and the company is responsible for buying and installing their own system, and the line will be metered.

DMAG Update-

Andy Litten read the report for September. A copy of the report is attached to the minutes.

At the request of Chairman Thrailkill, Mr. Castles explained that "DMAG" is the Drought Management Advisory Committee, which was created as part of the Catawba-Wateree Water Management Group – the group of eighteen (18) member utilities tasked with protecting the Catawba River Basin – as part of Duke Energy's relicensing project several years ago.

Financing Capital Improvements- Mr. Castles stated that there is nothing new to report this month. A conversation was had with Raftelis, but the article for the newspaper is not ready yet. We are also waiting on the engagement letter for the rate study from Raftelis.

Mr. Douglas asked if the Rate Study will be on wastewater as well. Mr. Castles stated that he is under the impression that CWR is looking at adjusting their rates as well.

Mr. Thrailkill asked how the rate study would impact industry. Mr. Castles stated that it would not impact them. Mr. Thrailkill then asked how we would address an over-allocated industry – as in, one who asks for a million gallons per day and only ends up using five-hundred. Mr. Castles stated that at such time, the allocation and payment for it would be handled through the Capital Recovery Fees.

Generator Grant-

Susan Roddey stated that CMD recently applied for a FEMA grant to install Generators at the Headquarters building and at the two pump stations in the system. As a part of the grant process, SC Emergency Management has requested additional information, including a federal grant application and a maintenance agreement form. The documents need to be signed by the Commission.

Mr. Douglas asked about the maintenance agreement. Mrs. Roddey explained that the agreement is simply to ensure that CMD will continue to own and maintain the property and the equipment after the project is completed.

At this time, Chairman Thrailkill brought to Mr. Castles and Mr. Litten's attention that the leak on Willowbrook Street he called about the previous week still had not been repaired. Mr. Litten stated that he was under the impression it had been repaired, and that the site was still wet enough that water would stand for a few days while it dried. He further stated that he would be in Fort Lawn on Thursday and would check the location.

New Business:

Director's Update- Mr. Castles reported the following:

- Chester Talkback Forum – On October 3rd, CMD participated. The guest speakers were local utilities – TruVista, CCNG, Duke Energy, CWR, and CMD. Most questions were water related, and the crowd was very emotional – complaining of high water bills and the

lateness of bills among other things. A lot of the participants are not happy with the 10 day due date on the bill and the inability for CMD to change billing dates. There were complaints about the minimum bill. There has also been a rash of high readings over the last two months that cannot be explained. We have an interim policy to waive the high bill and return it to an average if no leak is found. It is a one-time adjustment until we get all the water meters in place and are able to check the actual usage histories. CWR has also agreed to this adjustment policy.

- Water For All CMD attended the First Annual Summit. A copy of the brochure is in the packet. Mr. Castles stated that he appreciates the board allowing us to reach out to elected officials and invite them. In attendance from Chester were Shane Stuart, County Supervisor; Joe Branham, Chester County Councilman; Ed Sharpe, Richburg Town Councilman; Tommy McMinn, Town of Richburg, Sharon Peterson, Andy Litten, and Fred Castles.
- **Economic Development Ad** at the request of Economic Development, CMD has submitted an ad for Chester County's ED Magazine. A copy of the ad is attached to the minutes.
- Roseburg During their courting of Chester County, CMD's Engineering Staff submitted the water service information and construction cost estimates to them twice, and gave them additional information when requested. CMD met with Roseburg engineers in person to discuss the cost estimate in January. We also confirmed the cost of \$300,000 in a separate correspondence. Now, Roseburg claims they did not budget the money to install the service from their plant to the street, and they have come to Chester County stating that they need someone to pay for it.

This is something we have not done for any other industry. We have not yet been contacted directly by either Economic Development or the SC Department of Commerce requesting it to be paid by CMD. We have been told by a third party that DoC has agreed to come up with \$200,000 and expects CMD to pay the remaining \$100,000 as a good faith effort to support Economic Development.

When this meeting is set up, we want Daniel Young present to discuss this. We would also like Mr. Thrailkill to be there if possible. The documentation is available showing where CMD provided the information multiple times.

Mr. Litten stated that we provided the information as an estimate for their planning purposes. We also made it clear during every conversation that this would be installed by them or their contractor. At no point did we acknowledge that this is what we would spend to do this work.

Mr. Douglas asked for the name of this plant. Mr. Castles stated that it is Roseburg Forest Products. Mr. Douglas then asked how a plant can come in and not think about water. Mr. Castles stated that they are estimated to use 380,000 gallons per day, and we will be giving this capacity away. Mr. Douglas asked how they did the construction work cost estimates and did not have water included in it. Mr. Castles confirmed that it is still under design,

and they will start site work in January 2018. Roseburg's claim is that they did not budget for a water service line and that they are out of money.

Mr. Simpson asked if this \$100,000 was budgeted. Mr. Castles stated that it is not, and it would require a budget amendment and come out of savings.

Mr. Douglas asked if it will generate funds. Mr. Castles stated that there will be a payback period of decades.

Mr. Douglas asked if it will have to go under the highway. Mr. Castles confirmed that it does. Mr. Douglas then stated that he can understand CMD paying to go under the highway. Mr. Castles explained that the cost estimate CMD provided for water service covers the tap, the bore, and installing the water service line all the way to the building. CMD has never paid for another industry's private water system.

Chairman Thrailkill asked if Jones-Hamilton had the same. Mr. Castles stated that it was more – it had to go under the railroad for an additional 75 feet of jack and bore. Mr. Litten added that GiTi also bored. Natural Gas also had to bore under the road as well.

Mr. Castles stated that there is a 50% chance when tying onto the main that it would include a bore. It was represented in the cost estimate. It is not in addition to the cost. There is some political pressure from the County and SC DoC that CMD be an active player in the project because CWR has to extend a force main 2.5 miles to serve the site. CNG has to install several thousand feet of new gas main because the existing main is not large enough to supply Roseburg. CMD has ample water capacity available and we do not need to extend transmission lines to serve this site. We can deliver their needs from the main on-site. The plans described that Roseburg would run their sewer service from the plant to the road.

In the last meeting CMD had with Roseburg officials, Roseburg described in detail their plans to install a sewer service from the building to the street. They stated that they had nothing in their budget to extend water. Mr. Castles stated that he will provide more information as it becomes available.

Attorney Gaston asked where the meter goes? Mr. Castles stated that it varies. It can go at the state right of way or nearer to the plant depending on the conditions. GiTi is at the building. Jones-Hamilton is at the street. We prefer it to be at the right of way.

Reports:

Director's Report- Mr. Castles read the Director's Report for September. A copy of this report is attached to the minutes. Mr. Castles also stated that based on the information we are receiving from the new meters, we may recoup up to 15% of the water lost in our system. We are assumed to lose up to 25% of our water based on the old meters. Results on this should be available by June 2018, when the meter project is complete.

Hydrant Report- Mr. Castles read the Hydrant Report for September. A copy of this report is attached

to the minutes.

Financial Report- Because Mrs. Moon is on a mission trip to Honduras, Mr. Castles read the Financial

Report for September. A copy of this report is attached to the minutes.

Mr. Douglas asked Mr. Castles to explain about someone stealing water. Mr. Castles stated that from time to time we catch customers stealing water. Attorney Gaston is working on a case where a young lady was caught straight-piping the meter. Her meter had been pulled. She was arrested by the sheriff's department for stealing water.

Attorney Gaston stated that a statute provides for unlawful meter tampering. When we find the situation, we call the police and take photos.

Mr. Douglas asked if we have run across it before. Mr. Castles confirmed that we have. We have two or three incidents a year. People who are disconnected and use water illegally have their meter pulled, and then will straight pipe the water line through the meter box.

Mr. Simpson asked how they do it. Mr. Castles stated that you break the meter lid and add pipe with a set of fittings.

Mr. Litten stated that with the new meters, because they are radio read and have a history, we are no longer going to pull meters for nonpayment. If the water is on, it will register when the route is read and we will have a known quantity of illegal usage. It will be easier to track and recoup stolen water in addition to the state issued penalty.

Mr. Castles stated that we are looking at developing a penalty policy for theft.

Attorney Gaston stated that we need to explain to new commissioners that if a meter is defective, it is almost always defective in the customer's favor. It will under register on almost every occasion. When new meters go in, they will read more accurately and will reflect actual usage.

Mr. Castles stated that in light of the spirit of the community, this is another reason we implemented the one-time forgiveness. Going forward, we plan to have a 24-month forgiveness policy in place.

Mr. Simpson asked if the new meters will detect leaks. Mr. Castles stated that they will. In dealing with the public and public opinion and emotions, we want to be able to assist as best we can.

With there being no further business to discuss, the meeting was adjourned. Motion to adjourn was made by Sharon Peterson, Seconded by Jean Nichols, and unanimously agreed upon.

Approved:	Respectfully Submitted:		
Date: November 8, 2017	By: Susan H. Roddey		

Agenda October 11, 2017 6:00 PM

I.	Call Meeting to Order		
II.	App	roval of Last Meeting Minutes	
III.	Old	Business	
	A.	Filter Plant	- Fred Castles
	B.	Depot Report	- Susan Rodde
	C.	Engineer's Report	- Andy Litten
	D.	DMAG Report	- Andy Litten
	E.	Capital Recovery	- Fred Castles
	F.	Generator Grant	
IV.	New	v Business	
	A.	Director's Update	- Fred Castles
V	Ren	orts	

- Fred Castles

- Fred Castles

- Becky Moon

VI. Adjourn

A.

B.

C.

Director's Report

Hydrant Report

Financial Report

CHESTER METROPOLITAN DISTRICT FILTRATION PLANT

MONTHLY REPORT September 2017

- Completed all reports.
- All Emergency generators were ran by Dell Hughes. The emergency diesel engines were also ran and were reported as operating fine.
- Collected 28 Distribution Samples and analyzed for the presences of Coliform Bacteria. All samples were within acceptable range.
- We are currently discharging a Total Chlorine Residual of 2.75 ppm and maintaining an average level throughout the distribution system this month at .97 mg/l.
- Replaced Chlorine flow control valves on #1 & #4 filters. Replaced the diaphragm in the #3 filter Chlorine flow control valve. Researched and located a new diaphragm designed to specifically to handle chlorine solutions. We have placed an order for these diaphragms to replace the ones in use now. This will preserve the valve body and allow for long term use.
- Our new hire, Matt Blackwell will be starting on the 16th of October.
- Under the recommendations of Universal Filtration, we have located a company with the proper equipment to come in and take the necessary measurements on the Plate & Frame Press to determine if the unit has twisted or sagged.
- Replaced Chlorine room fan switch.
- Replaced the toilet in the men's restroom in the sludge building.
- Replaced the packing nuts on the #3 High Service pump and adjusted the packing.
- Repaired a leak on the Sodium Chlorite fill line.
- Replaced photo cell's in three outdoor lights around the Sludge building.
- Gopher Utilities Came and removed the sprocket/clutch on the Clarifier drive unit.

DEPOT UPDATE October 11, 2017

We have received the final repayment invoice from DOT. The check has been mailed and the project is officially closed.

CMD Engineering Department's Engineering Project Progress Report October 2017

Development Project Reviews

Fort Lawn Community Center Fire Line: The plans were reviewed and approved. The meter was ordered and delivered to us.

Chester County Natural Gas - Construction: We're waiting on the test results for the backflow preventers.

Sleep Inn – Richburg: One sheet of the construction plans have been submitted to us. We have requested a complete set of the plans in order to complete our review.

Christ Central Ministries - Fire Service: The meter has been delivered to us.

Holiday Inn Express – Richburg: We have been notified they are planning to start construction soon but we have not received any plans for review yet.

Cross-Connection Control Program

We're actively notifying customers, as we find them, of the need to make repairs to get into compliance with the DHEC State Drinking Water Regulations. We are reviewing software to assist with the management of the program.

Caustic Feed Day Tank and Ferric Chloride Tank Replacement

We have received the specifications from the lime company for the items we will need to construct. We have submitted those items to the our Engineer so that they can give us a proposal for revising the plans.

In-House Projects

We are working on the plans for replacement of a galvanized water line in the Lawndale Subdivision. This project will eliminate water color and low pressure complaints along a 700' section of the system.

We are in the process of operating and replacing the air release valves in the system.

GIS Mapping

We are in the QAQC phase.

Hydraulic Modeling Update

We have reviewed and provided a few minor comments on the final report.

Water Meter Replacement Project

The meter replacement project is underway. The Contractor has replaced all the meters in Fort Lawn and they are now working on the routes in the City of Chester.

New Administration Building

We are currently working with the Architect on a conceptual floor plan for the current office building

Catawba – Wateree Drought Management Advisory Group (DMAG) Report

The Catawba-Wateree River Basin is in Stage 0 as of July 3, 2017.

- The Catawba-Wateree River Basin precipitation is above the long-term average for October.
- NOAA is forecasting warmer temperatures and below normal precipitation through the winter.

Director's Report FY 2017-2018

	112017-2018			
the second second	September	TOTAL	AVERAGE	
	2017	L 12 MOS	L 12 MOS	
DISTRIBUTION NUMBER:				
Taps	5	23	1.9	
Leaks	31	271	22.6	
DISTRIBUTION MANHOURS:				
Taps	76.0	488	40.7	
Leaks	200.0	1,828	152.3	
Equipment	0.0	-	-	
Shop	317.5	3,865	322.1	
Dist. System	944.5	10,709	892.4	
Asphalt	63.0	549	45.8	
Meters	121.0	1,410	117.5	
Filter Plant	15.0	174	14.5	
Hydrants	0.0	342	28.5	
Construction Projects	0.0	597	49.7	
Main Break	62.0	1,250	104.2	
Total Manhours	1799.0	21,211	1,767.6	
Overtime Hours	230.0	2,723	226.9	
METER CALLS:				
Ons	75	943	78.6	
Offs	72	901	75.1	
Checks	211	1,646	137.2	
Total Calls	358	3,490	290.8	
Overtime Hours	26.8	217.0	18.1	
BILLING INFORMATION:				
Non-Leak Adjustments:	5	39	3.3	
Leak Adjustments	42	561	46.8	
\$\$\$ Adjusted	\$ 2,084.62	\$ 29,157.13	\$ 2,429.76	
Bills Mailed	6,094	71,701.0	5,975.1	
Thousand Gallons Billed	73,844.0	781,612.2	65,134.4	
Thousand Gallons Pumped	98,949.0	1,169,926.0	97,493.8	
% Accounted For	74.6%		66.8%	
Other Gallons Accounted For Adjusted % Accounted For	2,834.3 77.5%	36,502.9	3,041.9 70.0%	
Aujusteu % Accounted For	11.370		70.070	

Hydrant Report

October 11, 2017

0	New Placement
0	Hydrants Replaced
0	Hydrants Repaired
0	Hydrants Removed

\$0 \$ Spent on Hydrant Work

	5498	Total Hydrants Worked to Date
\$	1,190,127	Total Cost to Date
	- 0 -	Local Match
	- 0 -	Contract Services
\$	1,190,127	Total Cost



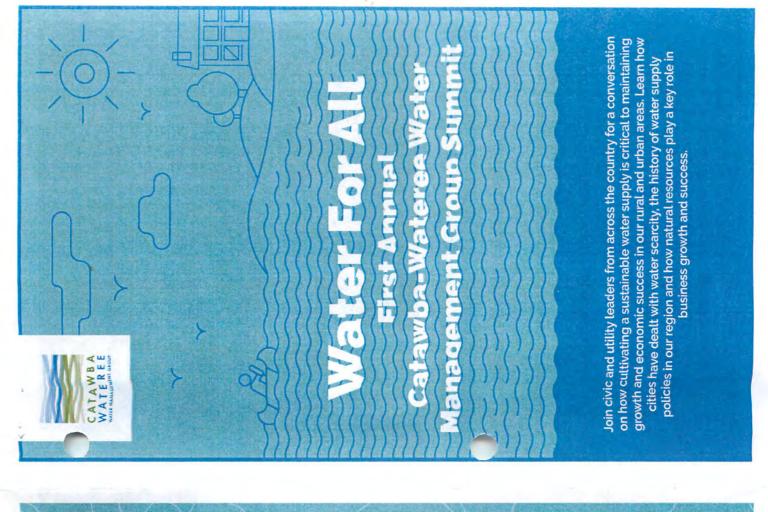
Cash Balances
Per Month End Bank Statements

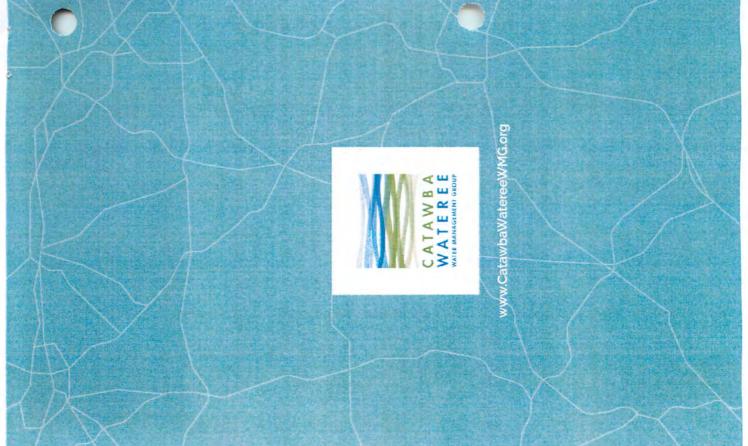
	September 30, 2017	August 31, 2017	July 31, 2017
CMD Merchant Account	\$703,732	\$676,140	\$647,204
CMD Gross Revenue GF	502,934	474,292	427,604
CMD Gross Revenue Chester	838,595	642,465	511,351
CMD Debit Card	4,167	3,918	497
CMD CPF	793,259	793,227	793,159
CMD Bond Funds	1,482,111	1,482,111	1,482,111
	\$4,324,798	\$4,072,153	\$3,861,926
SC Local Govt Investment Pool	1,319,173	1,317,948	\$1,316,698
Wells Fargo Drafts	1,286,563	1,245,267	1,192,821
MBS Securities	204,500	204,500	202,269
	\$2,810,236	\$2,767,715	\$2,711,788
US Bank (for debt payment)	\$187,925	\$144,486	\$101,141
Grand Total	\$7,322,959	\$6,984,354	\$6,674,855

Budget to Actual Comparison

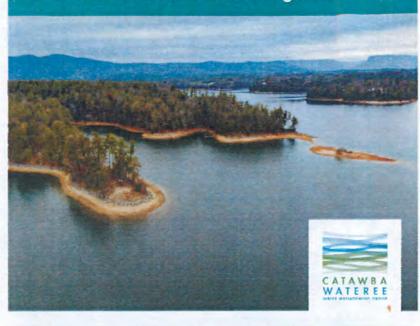
Ceptember 30, 2017

	Month Ended September 30, 2017	Month Ended August 31, 2017	Year-to-Date Income Statement	Annual Budget for Fiscal Year Ended June 30, 2018	Budget to Actual Variance Fav/(Unf)
OPERATING REVENUE					Tantanoo Tan (Om)
Res. & Com. Water Service	\$341,384	\$146,705	\$729,265	\$2,854,024	(\$2,124,759)
Industrial Meter Water Service	202,952	194,844	600,774	2,277,051	(1,676,277)
Residual Management Fees	74,421	49,882	185,520	714,666	(529,146)
Penalties	2,349	5,277	15,794	48,000	(32,206)
Taps/Exts./Inst. Fees	1,632	3,851	8,026	23,000	(14,974)
Billing/Collection/Admin Fees	18,330	18,616	53,855	320,296	(266,441)
Miscellaneous	29,043	27,055	88,098	200,526	(112,428)
TOTAL OPERATING REVENUE	\$670,111	\$446,230	\$1,681,332	\$6,437,563	\$ (4,756,231)
OPERATING EXPENSES					
Admin & General Exp	\$71,383	\$78,590	\$215,191	\$1,324,237	\$1,109,046
Filter Plant	93,805	98,115	292,002	1,399,474	1,107,472
Sludge Operations	10,609	15,141	35,145	218,289	183,144
Distribution - Chester	60,969	89,185	206,239	902,666	696,427
Distribution - Great Falls	10,920	12,264	33,025	224,571	191,546
Distribution - Hydrant				15,200	15,200
Meter Dept.	18,528	17,930	54,115	295,088	240,973
Engineering	16,589	16,322	50,166	266,183	216,017
MIS	11,368	16,107	69,698	156,085	86,387
Human Resources	7,551	14,637	56,844	283,941	227,097
TOTAL OPERATING EXPENSES	\$301,722	\$358,291	\$1,012,425	\$5,085,734	\$4,073,309
OPERATING INCOME	\$368,389	\$87,939	\$668,907		
NON-OPERATING EXPENSES					
Admin & General Exp	\$0	\$0	\$47	\$0	(¢47)
Filter Plant	\$0	\$0	541		(\$47)
	7	-	100	141,870	141,870
Sludge Operations Distribution	2,776	-	2,776	108,700	105 024
Meter Dept.	2,110		2,110	100,700	105,924
				400	400
Engineering MIS	6,150	6,888	16,733	106,271	89,538
Depreciation	0,130	0,000	10,733	327,072	327,072
Capital Projects Fee	1	117	117	147,063	146,946
Debt Service		117	117	578,225	578,225
TOTAL NON-OPERATING EXPENSES	\$8,926	\$7,005	\$19,673	\$1,409,601	\$1,389,928
NON-OPERATING REVENUE					
Interest Income	1,347	1,400	\$4,050	\$0	\$ 4,050
Unrealized Gain / (Loss)	1,047	3,178	3,178		3,178
Appropriation of Debt Service Reserve		0,170	0,170	57,772	(57,772)
TOTAL NON-OPERATING REVENUE	\$1,347	\$4,578	\$7,228	\$57,772	\$ (50,544)
INCREASE IN NET POSITION	\$360,810	\$85,512	\$656,462	\$0	





Thank you for joining the inaugural Water for All Summit hosted by the Catawba-Wateree Water Management Group!



Conference Takeaways

- Reliable, long-term water supply is critical to economic success
- Water supply is a shared resource and needs collaborative planning and management
- Availability and reliability of water supply is a part of economic development decisions
- Water resources in NC are not regulated like they are in some states and are facing potential challenges
- Many facets of our region are planned regionally (e.g., transportation, economic development, etc.) Water resources must be planned regionally with community participation for regional success.



Hank Eisenga

Vice President of Giti Tire Manufacturing

Hank is a senior executive with cross functional experience who specializes in developing an organizational culture for effective change utilizing "Best of Best" (BoB) in a global market. Hank has been involved in successful plant startups with state of the art equipment and processes. He has directed large successful expansions of tire manufacturing facilities. Hank has led organizations through successful cultural turnarounds and created an atmosphere of continuous learning that has led to world class efficiency and profitable growth.

Gary Salamido

Vice President of Governmental Affairs, North Carolina Chamber of Commerce

With decades of experience and a proven track record representing North Carolina business interests at the N.C. General Assembly, Gary leads the North Carolina Chamber's lobbying, advocacy and litical efforts. Before joining the Chamber in September 2011, ary worked 19 years at GlaxoSmithKline, the last 10 years serving as GSK's director of state government affairs. Gary's lobbying responsibilities covered a broad range of issues including corporate tax, environmental impact, tort and liability reform, economic development, workforce development, employment and Medicaid.

Tammy Whaley

Sr Manager of Economic Development. Charlotte Region. Duke Energy

Tammy is responsible for new and expanding industrial recruitment in Duke Energy service territory covering 13 North Carolina counties. Prior to economic development, Tammy was an account executive, assigned to Duke's largest customers, serving as a single source of contact and resource for their energy needs. She also worked as a distribution engineer earlier in her career at Duke Energy.



John Hofmann

Executive Vice President of Water. Lower Colorado River Authority

John oversees LCRA's water, river, irrigation, dam and hydroelectric operations, water surface management, water resource planning, conservation, water quality protection, water customer services and environmental laboratory services. Prior to joining LCRA, John was a regional manager for the Brazos River Authority, where he was responsible for lake and dam operations, water and wastewater treatment and project development. He also has served as Brazos River Authority's manager of government and customer relations. Other career highlights include serving as then-Gov. Rick Perry's liaison to the Texas House of Representatives and working in the commissioner's office at the Texas Commission on Environmental Quality. John graduated from The University of Texas at Austin with a Bachelor of Arts in History and Government.

Mary Newsom

Director of Urban Policy Initiatives at the UNC Charlotte Urban Institute

If you're not familiar with the institute, it's the oldest research center at UNCC. Mary joined the urban institute six years ago, after several decades as an award-winning writer and editor at the Charlotte Observer, where she was an associate editor, a member of the editorial board and an op-ed columnist. She's a graduate of UNC Chapel Hill and spent a year as a Nieman Fellow at Harvard.

Smoky Bissell

Former Chairman and CEO of Bissell Companies

Smoky founded Bissell Companies Inc. in 1964, later developing the community called Ballantyne in 1996. He and his company have established over 12 million square feet of real estate throughout the Carolinas.

Con	ference Schedule		
TIME	TOPIC & SPEAKER		
8:30 a.m 9:00 a.m.	Breakfast, registration and networking		
9:00 a.m 9:30 a.m.	Introductions Barry Gullet Catawba-Wateree Water Management Group Chair		
	witr		
9:30 a.m. – 10:15 a.m. 30 minute presentation 15 minute Q&A	The History and Politics of North Carolina's Water Resource Policies Richard Whisnant Clocks Hell Coattes Professor of Publical arrangement		
15 minute dan	Gladys Hall Coates Professor of Public Law and Policy, UNC-Chapel Hill		
10:15 a.m. – 10:45 a.m.	Refreshments and tabletop exercise		
10:45 a.m. – 11:30 a.m. 30 minute presentation 15 minute O&A	Water and Regional Economic Development Ronnie Bryant		
	President & CEO Charlotte Regional Partnership Adequate Supply For I		
11:30 a.m. — 12:15 p.m. 30 minute presentation 15 minute Q&A	Regional Planning for Our Water Future Catawba-Wateree Water Management Grou		
12:15 p.m. – 1:30 p.m.	Lunch and tabletop exercise		
	Keynote Speaker		
1:30 p.m. – 2:15 p.m. 30 minute presentation 15 minute Q&A	The Importance of Water Resource Management in High-Growth Areas Prone to Flood & Drought		
13 Himore OXA	John Hofmann		
	Executive Vice President of Water at the Lower Colorado River Authority		



TIME	TOPIC & SPEAKER
2:15 p.m - 2:45 p.m.	Refreshments and tabletop exercise
2:45p.m. – 3:30 p.m.	Doing Business with Water Smoky Bissell Former Chairman & CEO of Bissell Companies Hank Eisenga Vice President of Giti Tire Manufacturing Gary Salamido Vice President of Governmental Affairs. North Carolina Chamber of Commerce Tammy Whaley Senior Economic Development Manager. Duke Energy Mary Newsom - Moderator Director of Urban Policy Initiatives at the UNC Charlotte Urban Institute
3:30 p.m. – 4:00 p.m.	Closing Questions All Speakers
4:00 p.m. – 4:30 p.m.	Closing Remarks Jeff Lineberger Catawba-Wateree Management Group NC At-Large Director
4:30 p.m 6:30 p.m.	Reception

Speaker Biographies

Richard Whisnant

Gladys Hall Coates Professor of Public Law and Policy. UNC-Chapel Hill

Richard joined the Institute of Government in 1998. Prior to that, he was general counsel with the NC Department of Environmental Quality (formerly NC Department of Environment, Health, and Natural Resources.) He had previously practiced environmental law with Robinson Bradshaw & Hinson in Charlotte, North Carolina, and was a clerk for the Hon. Sam J. Ervin III on the US Court of Appeals for the Fourth Circuit. Richard earned a BA from the University of North Carolina at Chapel Hill and an MPP and JD from Harvard University.

Ronnie Bryant

President & CEO Charlotte Regional Partnership

5 president and CEO of the Charlotte Regional Partnership, Ronnie reads the economic development organization that promotes the 16-county Charlotte USA region as a premier location for businesses considering expansion or relocation. With more than 35 years of technical, managerial and economic development expertise, Ronnie is nationally known for his proven track record of establishing and implementing successful economic development programs, with a strong emphasis on existing industry expansion and retention. regionalism and marketing. Ronnie, a certified economic developer since 1991, is a graduate of Louisiana State University in Shreveport and the Economic Development Institute at the University of Oklahoma (OU/EDI) in Norman. While attending OU/EDI, he received the American Economic Development Council's Robert B. Cassell Leadership Award. He previously served as dean of OU/EDI. and is currently a member of the Executive Board and a member of the OU/EDI faculty.