

**CHARLOTTE WATER
ADVISORY COMMITTEE
MINUTES OF MEETING
October 15, 2015**

Charlotte Water Advisory Committee met Thursday, August 20, 2015, 2:30 pm at 4222 Westmont Drive, Charlotte, North Carolina.

Members Present:	Jim Duke, Pride Patton, Leslie Jones, Ron Charbonneau, Frank McMahan, Ralph Messera
Staff Present:	Barry Gullet Director Chad Howell Business Manager Steve Miller Customer Service Manager Regina Cousar Continuous Improvement Officer Camden Coley Public Information Officer Abby Dolan Procurement Manager Kit Eller Senior Project Manager Nicole Bartlett Project Manager Jackie Jarrell Operations Chief

Safety Minute
Brake Failure

Minutes

A motion was made by Ralph Messera, and seconded by Leslie Jones, to approve the September, 2015 Minutes. Motion was approved.

Construction Manager at Risk (CMAR) Overview

The traditional approach to a construction project is a three-stage process.

- The architects or engineers develop a complete design package.
- The owner receives bids on the contract from general contractors
- The owner awards the contract to the lowest bidder.

Construction Manager at Risk takes a different approach by including a Construction Manager (typically a contractor) to consult during the design phase. The CMAR reviews design documents and scheduling and at an appropriate time during the design, provides the owner with a guaranteed maximum price (gmp). When the project is ready to begin construction, the CMAR competitively bids packages of work. The project and individual work/bid packages are subject to the City's Charlotte Business Inclusion (CBI) policy.

The Committee expressed interest in hearing a presentation about the CBI policy/program. Charlotte Water will try to arrange this for the next meeting.

Charlotte Water will be using the CMAR process to deliver the Sugar Creek Waste Water Treatment Plant Reliability Improvements Project. Sugar Creek WWTP was constructed in the 1920's with major improvements that have taken place during the 1950's, 1980's, and 1990's. The primary objective of the project is to implement improvements to maintain reliable treatment

into the future. The Detailed Preliminary Engineering Report completed in August 2015 identified the improvements needed for the plant that will be included in the CMAR project. Some of the focus areas will be the main lift pump station, aeration system, phosphorous removal, hydraulic improvements, effluent filter upgrades and instrumentation and control systems improvements.

Revenue Update

The City Finance Department has not closed out the books for August and September. Volumetric water sales are up this summer. Charlotte Staff have worked hard to implement voluntary water conservation measures during the drought as prescribed by the Catawba-Wateree Low Inflow Protocol. Growth in the economy is driving an increase in development in the Charlotte Water service area which is bringing in additional customers.

Hot Topics

AMWA award –

The Association of Metropolitan Water Agencies (AMWA) has announced that Charlotte Water is a winner of this year's Sustainable Water Utility Management Award. This is a prestigious award that recognized the top performing water utilities in the United States. Charlotte has received the Gold and Platinum Awards from AMWA in previous years. The application process for this award was extensive and detailed. Charlotte Water's application was put together by a team of our employees led by Regina Cousar and including Chad Howell, Greg Harrison, De Nona Paden, Michael Tkachuk, and others. The award was presented at AMWA's recent Annual Conference.

Cornelius Water – Peninsula area/ Belle Isle Drive–

The Cornelius Fire Department has brought forth a concern about the availability of water for fire protection for several large houses at the end of Belle Isle Drive. Charlotte Water is working with the Town of Cornelius to identify and evaluate options for improvements. Options identified so far include installing dry hydrants which would allow fire trucks to pump directly from Lake Norman and replacing existing water mains with larger pipes. Each option has advantages and disadvantages that are being discussed. A meeting of Charlotte Water and Cornelius town officials will take place on Monday, October 19th, in Cornelius to further discuss these efforts.

Meeting Adjourned – 3:50 p.m.

TGN