

**PROCEEDINGS OF THE CENTRAL BROWN COUNTY WATER AUTHORITY  
TECHNICAL COMMITTEE**

Pursuant to Section 19.84 Wis. Stats, a regular meeting of the **Central Brown County Water Authority –Technical Committee** was held on Tuesday, June 7, 2011 at the Allouez Village Offices – 1900 Libal Street, Green Bay, Wisconsin

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**Present:** Allouez-Berndt; Bellevue-Balke DePere-Thoresen, Howard-Farr,  
Lawrence-Little, Ledgeview-Pansier

**Also**

**Present:** Dave Vaclavik, Manager  
Gary Rosenbeck, McMahon  
Joe Kennedy – HD Supply  
Marty Glodoski/Andy Santy – Sensus

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The meeting was called to order by Chairman Craig Berndt at 1:35 p.m.

**ROLL CALL:**

Call the roll for attendance. Roll Call as noted above.

**APPROVAL OF AGENDA:**

Approve Agenda – Items were taken out of order, although shown in proper format here.

**Motion made by DePere and seconded by Lawrence to approve the agenda. As amended. MOTION APPROVED UNANIMOUSLY**

**APPROVAL OF MINUTES:**

May 10 and 17, 2011

**Motion made by DePere and seconded by Lawrence to approve both the 5-10-11 and the 5-17-11 minutes. MOTION APPROVED UNANIMOUSLY**

**APPEARANCES:**

1. **HD Supply & Sensus to discuss Metering Systems:**

A presentation was given by Joe Kennedy of HD Supply, along with Marty Glodoski and Andy Santy of Sensus. It was suggested that all communities strive for the same metering system in order to match supply with consumer demand which will result in better utilization of resources with the least amount of waste. Customers can be billed based on actual usage patterns and can receive early notification of water or gas leaks, tampering, equipment problems, or outages. Various meter models were presented for review and consideration.

Mr. Berndt requested a summary of the centralized systems and that Mr. Rosenbeck provide the location of all tower sites.

**COMMUNICATIONS:**

1. None

**AGENDA ITEMS:**

1. **Consideration of Contract for Optimization Plan Consulting Services:**  
The proposed agreement between the CBCWA and McMahon Inc for a water system optimization plan was discussed. Task Order #6 will be used to determine the extent and amount of potential energy savings that could be achieved through an optimized MPU pumping scenario. The consensus of the committee was to move forward.

**Motion made by DePere and seconded by Allouez to move forward with a final contract for Optimization Plan Consulting Services.**

**MOTION APPROVED UNANIMOUSLY**

2. **Review of Valve Testing Program for Contract H:**  
A leak survey of each of the ten butterfly valves in Contract H will be conducted by M.E. Simpson after Labor Day, or the second week of September. Testing the valves at a pressure of 200 psi requires that the 48-inch pipe line be removed from service to conduct the test. Protocol for the testing was identified.

It was suggested that a joint Technical Committee/Operator's meeting be held to discuss the findings.

3. **Interim Operations Plan:**  
Scott Thoresen indicated that the City of DePere has finished testing their ability to maintain constant flows, determining that the cost to do this is between \$30,000 and \$45,000 per year. At this time, they are planning to go back to using system pressure during peak hours for electrical use unless the Authority wishes to compensate them for their expense. The Manager indicated that he has been discussing the impact on electrical costs to the Authority with MPU who estimates that if DePere alone takes water during the day, the cost to the Authority would be an additional \$2,150 per month. However, if both DePere and Allouez take water during peak hours of the day the cost would be an additional \$4,000 per month. Preliminary calculation by MPU indicates that while the cost incurred by the Authority will increase, it is less than the cost DePere is currently expending to balance its flow. Discussion by the committee resulted in a suggestion that an operations study be conducted by McMahon, Inc.

4. **Operating Protocol for Reducing Pressure at LW-1:**  
A draft of the Operating Protocol for reducing pressure at LW-1 was addressed. Per contract, MPU is required to provide a minimum pressure of 40 psi at LW-1, however, this is not the highest point on the CBCWA transmission main. Therefore, the pressure at Denmark must also be considered to ensure adequate pressure is maintained throughout the pipeline. Consensus of the committee was to approve the draft protocol and forward to the DNR.

**Motion made by Allouez and seconded by Lawrence to approve and submit to the DNR. MOTION APPROVED UNANIMOUSLY**

5. **CBCWA-MPU Contract Discussion:**

The Manager referred the committee to the agreement between the CBCWA & MPU related to the "Use of Authority's Capacity in MPU Water Supply Facilities by Others - Chapter 7, Section 7.2. The section states, "The Authority consents to MPU's use of capacity allocated to the Authority provided that under no condition shall MPU's use prevent the Authority from being able to take 100% of the capacity allocated to the Authority when and if the Authority needs it".

The Manager indicated that he has received a copy of MPU's revised rate filing for 2012 implementation. A meeting has been scheduled for June 28<sup>th</sup> to review the application and the contract agreement.

6. **Project Status Update:**

a. **Leak Detection on 48-inch Pipeline:**

See #2 above.

b. **Corrosion Inspection Project:**

Work is scheduled to begin June 9<sup>th</sup> by Cathodic Protection Management. McMahon will update as the work progresses.

c. **GIS:**

Work by the locating service continues.

d. **Air Relief/Blow-Off Valve Investigation:**

McMahon will report after their preliminary analysis and data collection is completed.

**OLD BUSINESS:**

1. None

**NEXT MEETING:**

1. **Agenda Items for July 12<sup>th</sup> Meeting:**

- Budget Projections
- MPU Expansion Plans
- Update on Operating Protocol for reducing pressure at LW-1

**Adjourn:**

**Motion made by DePere and seconded by Allouez to adjourn at 4:00 p.m.**

**MOTION APPROVED UNANIMOUSLY**

Respectfully submitted,

Rae G. Knippel,  
Recording Secretary