

**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, August 9, 2011 at the Allouez Village Offices – 1900 Libal Street, Green Bay, Wisconsin

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**Present:** Allouez-Berndt; Bellevue-Selissen, DePere-Thoresen, Howard-Farr,  
Lawrence-Little

**Excused:** Ledgeview

**Also**

**Present:** Dave Vaclavik, Manager  
Gary Rosenbeck, McMahon  
Joe Kniseley/Kelly Olson – Waterworks/HD Supply

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The meeting was called to order by Chairman Craig Berndt at 1:30 p.m.

**ROLL CALL:**

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

**APPROVAL OF AGENDA:**

**Motion made by DePere and seconded by Howard to approve.**

**MOTION APPROVED UNANIMOUSLY**

**APPROVAL OF MINUTES:**

July 12, 2011

**Motion made by Lawrence and seconded by DePere to approve.**

**MOTION APPROVED UNANIMOUSLY**

**APPEARANCES:**

1. Waterworks – HD Supply – Joe Kniseley and Kelly Olson  
Mr. Kniseley indicated that the propagation study, expected to be presented today, has not been completed due to various reasons. A presentation will be made at the September 13<sup>th</sup> meeting of this committee.

Kelly Olson was introduced as the newly hired Branch Manager in the DePere office. She invited committee members to attend an Open House of HD Supply on Thursday, August 11, 2011 from 2 to 7 p.m.

**COMMUNICATIONS:**

1. CBCWA Transmission Main Operating Pressures  
The Manager distributed a response received from the Wisconsin DNR related to Transmission Main Operating Pressures after a request was made by Rob Michaelson to lower the operating pressure in the CBCWA transmission main. After reviewing the proposal, Larry Landsness of the DNR stated that the

Department “has no objections to the reduced operating pressure as proposed provided that the pressures at Denmark along with FWPS and LW-1 continue to be recorded and submitted to the Department monthly”.

**AGENDA ITEMS:**

1. **Approve Contracts with Hach Co.:**

a. **Service Contract for Member Chlorine Analyzers:**

Discussion by the Technical Committee resulted in a recommendation that the Authority enter into a 3-year contract with Hach Company for annual maintenance and warranty of their eight chlorine analyzers at an annual cost of \$7,056. It was explained that this represents a discount for all member participation and locks prices in for three years. The service plan includes a complete warranty on the equipment over the term of the contract.

**Motion made by Lawrence, seconded by Allouez to recommend approval of a three year Service Contract with Hach Company for annual maintenance and warranty of the eight chlorine analyzers at an annual cost of \$7,056 (\$21,168 total).**

**MOTION APPROVED UNANIMOUSLY**

b. **Bulk Purchase of Reagent Supplies:**

Per a similar purchase in 2011, the committee recommends that the Authority approve a purchase order to Hach Company for a 1-year supply of reagents for the chlorine analyzers at a cost of \$4,358.55.

**Motion made by Lawrence, seconded by DePere to recommend approval of a Purchase Order to Hach Co. for a 1-year supply of reagents for the chlorine analyzers at a cost of \$4,358.55.**

**MOTION APPROVED UNANIMOUSLY**

2. **Great Lakes Water Fees:**

The Manager explained that follow-up with the DNR determined various issues which will soon be clarified. No Action.

3. **2012-2021 Capital Improvement Program:**

Although it had been assumed that cathodic protection could be pushed out to 2015 and later, the Manager indicated present bond rates may dictate differently. Other items which may be pushed out are CBCWA storage, the Cooperstown Pump Station, System Interconnect/Emergency, along with the Howard Booster Pump Station. More information will be presented before the 2012 budget is adopted.

**Motion made by DePere, seconded by Allouez to recommend approval of the 2012-2021 Capital Improvement Program as presented.**

**MOTION APPROVED UNANIMOUSLY**

4. **Water Consumption through July 2011:**  
Numbers were reviewed with the Manager reporting that flows are up 2% over year to date, however, lower than estimated. No Action.
5. **Advanced Meter Reading Systems:**
  - a. **Sensus:**
  - b. **Badger Meter (Scheduled for September meeting):**
  - c. **Collaboration with Appleton, Grand Chute, and Greenville:**

Items a, b, and c taken together. The Manager suggested that a presentation be made by Sensus independent of that scheduled by Badger Meters in September. He informed the committee that Appleton, Grand Chute, and Greenville have conducted a process which resulted in the short listing of three firms in terms of using their meter reading systems. A meeting will be held with the three communities to discuss a collaboration effort.
6. **Water Modeling Collaboration – Bentley Systems:**  
The Manager indicated that as part of the optimization study, there will be some system modeling. The engineering agreement calls for an option to link member system information with that for the Authority. Because of possible hosting issues, Bentley Systems was contacted and information distributed related to central hosting with distributed access. Bentley offers an annual maintenance plan which includes benefits such as 24/7 technical support, free product upgrades, and network licensing which would allow the installation of software on multiple computers in different locations. Licenses would be shared between computers and accessed via an internet connection so that there would be no additional software required by members. No Action.
7. **Leak Detection Report for Contract H Water Main:**  
At this time, the Leak Detection Report is being reviewed by legal counsel. The Manager reported, however, that no leaks were found and all valves were exercised successfully. No Action.
8. **Leak Detection Plans for Contracts G & I:**  
Gary Rosenbeck distributed the “Butterfly Valve Pressure Test Protocol” planned to be used on Contracts G & I. The survey will be conducted by ME Simpson using electronically enhanced listening devices during the month of August.
9. **Pressure Reduction at LW-1:**  
No Action. Covered Above.
10. **Project Status Update:**  
Updates were given on the following items by Mr. Rosenbeck:
  - a. **Corrosion Inspection** – Corrosion Protection Management has provided a draft report for review. At this time they have recommended installation of an induced current cathodic protection system on the 48 inch steel

pipeline. McMahon has submitted questions and comments and await a response.

- b. **GIS** – Excel Engineering has completed field locating and is working on the remainder of the system. McMahon is integrating data and estimates completion within two months.
- c. **Air Relief/Blow-Off Valve/Pressure Relief Project:**  
Engineering Services has been engaged for the design of the pressure relief valves at BE-1 and LW-1 per the agreement approved in July.
- d. **System Optimization Study:**  
A report from MPU shows that historic flows have changed. DePere has changed their operational practices to lower local pumping costs after determining the impact on the Authority and finding that it wasn't cost effective to continue limiting their daytime demand.

**OLD BUSINESS:**

1. None

**NEXT MEETING:**

1. **Badger Meter Presentation - AMR**
2. **Other Agenda Items for September 13<sup>th</sup> Meeting:**  
- Sensus Propagation Study

**Adjourn:**

**Motion made by DePere and seconded by Lawrence to adjourn at 3:15 p.m.**

**MOTION APPROVED UNANIMOUSLY**

Respectfully submitted,

Rae G. Knippel,  
Recording Secretary