

(Amy Kahler, Des Moines Water Works, 2201 George Flagg Parkway, Des Moines, IA 50321, 515-283-8760)

## **CENTRAL IOWA REGIONAL DRINKING WATER COMMISSION**

**Johnston Public Library  
6700 Merle Hay Road  
October 22, 2002 at 5:00 p.m.**

Louise Moon called the ninth meeting of the Central Iowa Regional Drinking Water Commission to order and welcomed all in attendance. All participants introduced themselves. Present were:

Bartlett and West – Brian Hoellian (Consultant)

City of Altoona - Joe Pirillo (Rep)

City of Altoona - Keith White (City Council)

City of Altoona - Skip Conkling (City Council)

City of Altoona - Vern Willey (Ex-O)

City of Ankeny - Annette Vance (Rep.)

City of Ankeny - Gary Welch (Alt. Rep.)

City of Ankeny - Jolee Belzung (Ex-O)

City of Bondurant - Al Ihde (Rep.)

City of Clive - Bart Weller (Ex-O)

City of Johnston - Bob O'Hollearn (Mayor)

City of Johnston - Donna Kluss (Staff)

City of Johnston - Jerry R. Meyers (Staff)

City of Johnston - Jim Sanders (Ex-O)

City of New Virginia - Norville Huston (Rep.)

City of Norwalk - Dean Yordi (Ex-O)

City of Panora - Steve Baker (Rep.)

City of Panora - Sue Cosner (Ex-O)

City of Pleasant Hill - Tom England (Alt. Rep.)

City of Polk City - Mike Schulte (Ex-O)

City of Urbandale - Bob Layton (City Manager)

City of Urbandale - Susann Siebke (City Council)

Urbandale Water Department - Dale Acheson (Alt. Ex-O)

Urbandale Water Department - Gerald Nelson (Alt. Rep.)

Urbandale Water Department - John McCune (Rep.)

Urbandale Water Department - Rich Foust (Ex-O)

Urbandale Water Department - Todd Walker (Board)

City of Waukee - John Gibson (Ex-O)

City of Waukee - Raymond C. Clark (Utilities Committee Chairman)

Des Moines Water Works - Connie Steffen (Staff)

Des Moines Water Works - Gary Benjamin (Staff)

Des Moines Water Works - Jenny Puffer (Staff)

Des Moines Water Works - L.D. McMullen (Ex-O)

Des Moines Water Works - Larry James (Board)

Des Moines Water Works - Louise Moon (Rep.)

Des Moines Water Works - Randy Beavers (Alt. Ex-O)

Des Moines Water Works - Ted Corrigan (Staff)

Des Moines Water Works – Glee Anderson (Staff)

Polk County - Chad Schaeffer (Staff)

Polk County - Dave Joens (Staff)

Polk County - James Elza (Ex-O)

SE Polk Rural Water - Dan Lundberg (Rep.)

SE Polk Rural Water - Shirley Bos (Ex-O)

West Des Moines Water Works - Bill Garrett (Alt. Ex-O)

West Des Moines Water Works - Jim Wallace (Rep)

West Des Moines Water Works - John Luther (Superintendent)

West Des Moines Water Works - Larry Anderson – (Ex-O)

Approval of the July 23, 2002 minutes – Norville Huston from New Virginia made the motion to approve the July meeting minutes, seconded by Al Ihde from Bondurant. The motion passed.

- L.D. McMullen of the Des Moines Water Works was introduced and gave an overview of the historical and future needs for water. The CIRDWC was started to anticipate and plan for these drinking water needs.
- Jim Wallace from West Des Moines Water Works reported on the work done by the Shared Services Sub-team. This team looked at what a water utility really needs and what can be shared. The areas of working together were joint purchases, capital equipment, training opportunities, standardize equipment, sharing future planning, leak detection, inspection programs and who to call for help for water departments.
- L.D. McMullen reported on work being done by the New Water Treatment Plant Sub-team. In the near future there will be water needs in the communities of Ankeny, Johnston, Polk City, Urbandale, and Clive. The team is looking at membrane technology to cover these needs. Jenny Puffer who has been working on the project for one and one half months was introduced. The membrane plant was explained and information on advantages of this system was shared. A four-year outline was explained for the plant:
  - Year One 2003 –further investigation of the water options, design work, the purchase of land, and a pilot test for the membrane system.
  - Year Two 2004 – completion of the designing, development of contract documents, and awarding of contracts.
  - Year Three 2005 – building radial collector wells, building the treatment plant, and building water distribution piping.
  - Year Four 2006 – finish construction, starting up of the plant.
- Larry Anderson from the West Des Moines Water Works reported on work done by the Westside Infrastructure Planning Sub-team. The team reviewed the hydraulics of the Westside system to determine its capabilities of handling future flow rates. The review included pipelines, peak hour storage and means of handling peak day demands, such as aquifer storage and recovery (ASR). The team is exploring the possibilities of sharing elevated storage tanks because of the cost saving that can be achieved. The report included the team’s discussion of locations of the tanks and options to handle peak day demands.
- Rich Foust from the Urbandale Water Department reported on work done by the Aquifer Storage and Recovery (ASR) Subteam. The team discussed what, why, and how aquifer storage and recovery can be a benefit to meet peak needs which are required for more that a day, weeks or for emergency needs. To gather information the team did an in depth review and overall update of the Ankeny ASR operations. The team also evaluated and calculated costs of building and operations of aquifer systems. The Team concluded that aquifer storage recovery wells appear to be an option to meet extended peak demands for the Des Moines Metropolitan area, but there needs to be additional evaluation of the costs.
- Randy Beavers from the Des Moines Water Works reported on the SE – Side Infrastructure Planning Sub – Team. The group has water studies underway with many of the entities in this area. One of the projects includes Pleasant Hill and Mid-American along with Des

Moines Water Works and South East Polk. There will be a study of the feeder mains in 2003, and elevated tank planning.

- Al Ihde from Bondurant reported on the newest committee, the Public Policy Sub – Team. This group will be looking at legislative issues, and the introduction of legislation to help drinking water issues.

Rich Foust commented that the work done by the CIRDWC shows our future water needs and that there can be financial savings through the cooperative efforts. Larry Anderson pointed out the importance of gathering the best information to help project the future needs, and that the CIRDWC work has been proactive rather than reactive. Through this update meeting the teams have had an opportunity to share the work being done on water issues that can save public monies.

The next meeting will be Tuesday, January 28, 2003, 6:00 p.m. at the Clive City Hall, 1900 NW 114<sup>th</sup> Street.

Louise Moon made the motion to adjourn, seconded by Jim Wallace. The motion passed.

Submitted by Annette Vance