



CENTRAL IOWA REGIONAL DRINKING WATER COMMISSION

**Clive City Hall
1900 NW 114th Street
Community Room
Tuesday, April 22, 2008
6:00 p.m.**

1. Chair Items

Commission Chairman Scott Cirksena called the meeting of the Central Iowa Regional Drinking Water Commission to order at 6:04 p.m. and welcomed all in attendance. All attendees introduced themselves. Present were:

City Of Altoona –Michelle Sloan (Rep), Karen Oppelt (Alt-EX-O)

City of Ankeny – Tom Strait (Rep), Jolee Belzung (EX-O)

City of Clive – Scott Cirksena (Rep), Bart Weller (EX-O)

City of Cumming – Jim Gifford (Rep)

City of Johnston – Shane Kinsey (Staff)

City of Norwalk – Dean Yordi (EX-O)

City of Pleasant Hill – Tom England (Rep)

City of Waukee – Don Bailey (Rep)

City of Windsor Heights – Louise Moon (Rep)

Des Moines Water Works – Bob Riley (Rep), Dave Carlson (Alt – Rep), Randy Beavers, (EX-O), Amy Kahler (Staff), Linda Kinman (Staff), Chris Jones (Staff), Jenny Puffer (Staff)

Polk County – E. J. Giovannetti (Rep)

Urbandale Water Utility – Dale Acheson (Alt-EX-O)

West Des Moines Water Works – Jim Wallace (Rep)

Xenia Rural Water – Dorman Otte (Alt-EX-O)

Also attending was David Carlson, DMWW Board Member.

Approval of Minutes

Motion was made by Louise Moon to approve the minutes of the January 22, 2008 quarterly meeting, seconded by Don Bailey. Motion carried.

Motion was made by Michelle Sloan to approve the minutes of the February 28, 2008 worksession minutes, seconded by Tom Strait. Motion carried.

Motion was made by Ms. Sloan to approve the minutes of the April 1, 2008 worksession minutes, seconded by Mr. Strait. Motion carried.

Chair Cirksena requested that Tom Strait serve as Secretary/Treasurer. Motion was made by Jim Wallace, seconded by Michelle Sloan. Motion carried.

2. Legislative Update

Linda Kinman, Legislative and Regulatory Coordinator for DMWW and Iowa Association of Water Agencies (IAWA), reported that most of the pending legislation has passed through the Legislature. The bill pertaining to the water permit fee is still being debated, however. The outcome of the bill is likely to be more favorable to utilities than originally drafted. The outcome or status update for the other bills are included in the legislative status report distributed to Commission members weekly.

3. Metro Group Update

Amy Kahler, the Metro Group liaison, reported that the Water Alert criteria were reviewed at the last Metro Group meeting in March. She distributed copies of the program summary and example bill stuffers, reminding Commission members that a Water Alert is issued when the temperature reaches 95 degrees and there is no rain forecasted. When a Water Alert is issued, voluntary measures are put in place, such as irrigating alternating days by house number, etc. All communities are encouraged to communicate the Water Alert program and sound water practices to their customers.

Ms. Kahler also reported that the AWWA and others are sponsoring a Water/Wastewater Agency Response Network (WARN). A WARN is a network of utilities helping other utilities during preparedness, response and recovery from small to catastrophic emergencies. The network will use mutual aid and assistance agreements, and participation is entirely voluntary with no cost to participate. A kick off meeting with the EPA and AWWA has been scheduled for May 20th, at which time a Steering Committee will be formed and a plan of action will be developed.

4. Worksession Recommendations

Scott Cirksena reviewed the proposed changes to the mission statement that evolved from the April 1, 2008 worksession. The proposed mission statement is (with changes bolded and underlined) "To improve Central Iowa and influence public policy through coordinated planning and cooperation in an effort to promote the wise use of resources with the goal of providing efficient, effective infrastructure and operations to deliver adequate, safe, and affordable drinking water to the region." Bob Riley moved to accept the proposed changes. Michelle Sloan seconded. Motion passed.

In relation to the bylaws, Mr. Cirksena and Amy Kahler indicated that DMWW's Legal Counsel has recommended a comprehensive review of the bylaws to ensure consistency with the 28E. A subcommittee consisting of Louise Moon, Bob Riley, Tom Strait, Don Bailey, and Scott Cirksena was formed to more thoroughly review the bylaws, and they will be finalized with DMWW's Legal Counsel prior to the next quarterly meeting.

Mr. Cirksena reviewed the proposed procedures for reporting non-attendance, as outlined during the April 1, 2008 worksession. These proposed procedures uphold the language of the bylaws and were agreeable to the members.

5. 2008 Key Initiatives

Water Quality

Dr. Chris Jones, the DMWW Lab Supervisor, gave a presentation on water quality issues. He highlighted that the top water quality issues are related to increased use of nitrogen, changes in agriculture practices and drainage, and increased use of river water (high in nitrates) as demand increases. Dr. Jones proposed ways to reduce nitrates are to utilize off river storage for denitrification, blend source water, actively manage production volumes at each plant site, and aggressively monitor source water and watershed issues. He emphasized that water demand is inversely linked to water quality, with water quality typically decreasing as demand goes up.

He suggested we need to focus more heavily on quality than quantity in future years. As an industry, he proposed that to improve water quality in the future, we should continue monitoring, respond to diminished water quality with more robust treatment, consider using ASR wells when water quality declines, and operate in an environmentally responsible and sustainable manner. He encouraged the Commission to get involved in these solutions.

Linda Kinman distributed a summary of the top legislative opportunities for improving water quality. Chair Cirksema referred discussion of these opportunities to the Metro Group, requesting a report at a future Commission meeting.

Resource Planning

Jenny Puffer, DMWW Project Manager, gave a preliminary overview of the Water Resources Long Range Plan. Based on 2000 U.S. Census data and projected to 2020, it is expected the metro area will grow in population by 45% from 492,000 to 713,000 people. The average demand is expected to increase 50% from 55 MGD to 83 MGD, and the peak day is expected to increase from 115 MGD to 180 MGD. DMWW's DNR permit is for 120 MGD, so another 60 MGD would need to be sourced. Preliminary studies indicate there could be six potential sources:

- 1) Raccoon River
- 2) Low head dam on Raccoon River at L.D. McMullen Water Treatment Plant
- 3) Sand and gravel pits
- 4) Des Moines River watershed, and specifically Saylorville Dam, Beaver Creek, Lake Red Rock
- 5) ASR wells
- 6) Conservation measures, such as irrigation, rebate programs, etc.

The full study is expected to be completed by July and will be presented at the next quarterly meeting.

Saylorville Storage

Randy Beavers, DMWW Interim CEO and General Manager, gave an overview of the storage contract at Saylorville. Mr. Beavers indicated DMWW purchased capacity 25 years ago, equivalent to approximately 4 million gallons representing 12% of the capacity between 812 feet and 836 feet in elevation. Studies have shown DMWW has lost nearly 10% of storage due to sedimentation. Additional storage can be purchased, but the cost to study the impacts of a rising water level has been estimated at several million dollars and would take several years. The cost to proceed with a purchase of additional storage would also be very costly and would likely take about 10 years to complete, as beaches, boat ramps, etc. would need to be altered. This alternative will be revisited once the Water Resource Long Range Plan is complete.

6. Joint Project Updates

Jenny Puffer provided the following joint project updates:

Elevated Tank

Three bids were submitted and opened March 13, 2008. The lowest base bid was received from Landmark Structures I, L.P., from Fort Worth, Texas, in the amount of \$3,372,000 for the Alternate Bid, Option 1, 2.0-million-gallon composite tank. DMWW Board awarded the contract to Landmark Structures I, L.P. contingent on financing agreements with Altoona and Pleasant Hill. The contractor is scheduled to start work on May 19, 2008. Phase I for the feeder mains is complete. Phase 2 has begun, with the contract awarded to Keller Excavating, Inc. out of Boone, IA. Construction is to start in June and run through next spring. Phase 3 will be out for bid in the next 2 months and construction will run through the fall of 2009, when the tank will be on-line. This stretch is approximately 4 miles long. A booster station is necessary to boost the pressure in the area to be able to fill the tank. Possible sites are being evaluated. This project will be bid in Fall 2008 and is expected to be online in Fall 2009.

Saylorville Water Treatment Plant

Concrete work and piping is continuing. Contract 4, dealing with instrumentation and controls, will be bid in the next couple of months. The plant is expected to be online early 2009.

Louise P. Moon ASR

Randy Beavers reported DMWW is waiting for their 3rd pump at the Louise P. Moon ASR well. There have been motor issues, and the shaft of the new motor has been upsized as a result.

7. General Discussion

Linda Kinman reported the Iowa Association of Water Agencies is sponsoring a film at the Science Center, *Grand Canyon Adventure, River at Risk*. The film focuses on the environmental challenges the world faces today and how consumers can conserve and restore our watersheds. DMWW has developed several exhibits for display at the Science Center while the film is running.

The next Commission meeting will be hosted by the City of Waukee on Tuesday, July 22nd at 6:00 p.m.

Adjournment

Motion to adjourn was made by Jim Wallace, seconded by Louise Moon. Motion carried. Meeting was adjourned at 7:45 p.m.