

(Prepared by/Return to: Amy Kahler, Des Moines Water Works, 2201 George Flagg Parkway, Des Moines, IA 50321, 515-283-8760)

Meeting
CENTRAL IOWA REGIONAL DRINKING WATER COMMISSION
Technical Advisory Committee
Johnston Public Library
November 12, 2015
10:00 a.m.

Present

The following attendees introduced themselves:

Tim Hoskins (Norwalk), Seth Zucky (Norwalk), Karen Oppelt (Altoona), Vern Willey (Altoona), Ken Plager (Ankeny), Tim Royer (Waukee), Dan Klopfer (DMWW), Ted Corrigan (DMWW), Mike McCurnin (DMWW), Jeff Mitchell (DMWW), Amy Kahler (DMWW), Jennifer Terry (DMWW), Shane Kinsey (Johnston), Gail Palmer (Urbandale Water Utility), Diana Wilson (WDMWW), William Mabuice (WDMWW), Jeff May (Clive), Gary Benjamin (Xenia Rural Water District), Madeline Sturms (Pleasant Hill), Steve Troyer (Fox Engineering for Grimes)

Members of the public in attendance: Derek Anderson and Don Peterson.

Water Quality Information System Presentation

Chris Jones and Nathan Young, Research Engineers with the University of Iowa – IIHR, demonstrated the University of Iowa's Stream Water Quality and Flood Information System and web tools. The Flood Information System includes inundation maps, flood warning maps, stream conditions, information on river communities, and current rainfall. The Water Quality Information System (WQIS) relies on 39 nitrate monitoring devices, mostly located in the eastern and central portion of the state currently; however 15 additional monitoring devices will be deployed in 2016, mostly in the western portion of the state. The WQIS provides limited historical data (to 2012) and real-time information on the nitrate loads, yields, and concentrations, and is capable of cross referencing results with rainfall and weather data. The web tools allow greater transparency on water quality. Efforts are underway to popularize the tools with the general public so there is greater understanding of the data and why the data is important. In particular, there is a desire to reach out to agriculture groups to inform the agriculture community where work is needed and where success has been measured.

Review Information Received from Committee Members

Dan Klopfer reviewed an updated spreadsheet summarizing each entity's demand and population projections through 2040. It was noted that existing ASR wells are not considered in the "demand from Core Network" projections, which provides a "cushion of safety" in the projections. In cases where population differences exist between MPO data and information supplied by each community, general consensus was that entity data would be more accurate and should be used in the

engineering long-range study. The committee will update information on an as-needed basis, but will revisit assumptions at least every five years.

Next Steps

The next steps are:

1. Each entity should evaluate *where* their community needs the water from the Core Network so connections can be evaluated and planned.
2. DMWW will overlay the projection information with their five-year CIP and identify and evaluate any gaps that might exist. This will be brought back to the committee at the January 2016 meeting.

Des Moines Water Works Board Activities for November

Ted Corrigan reviewed the Des Moines Water Works Board of Trustees agenda for the upcoming November board meeting. The 2016 budget, based on a 10% rate increase for all customers, will be presented for approval after a public hearing at the meeting. A water system improvement contract will be presented for acceptance, and an easement for the Downtown Bicycle Plan Phase 2 will be considered after public hearing at the meeting. Ted reported that a maintenance agreement with the DNR for a gravel pit purchased near Maffitt Reservoir, will be presented for approval. The gravel pit is being named "Purple Martin Lake" and the DNR will maintain the property in conjunction with nearby Walnut Woods, including security, restrooms, etc., at no cost to DMWW. In return, the land will be open to the public for recreational purposes. Other agenda items include: approval of the 2016 schedule for board meetings, approval of water treatment chemical bids, and approval of employee insurance benefits.

Next Meeting Date

The next meeting will be December 10, 2015 at Des Moines Water Works. The committee will hear a report outlining possible solutions for compliance with the Disinfection By-Product (DBP) rule and will review final demand projections.

Assignments

Each entity should be evaluating *where* their community needs the water from the Core Network so connections can be evaluated and planned.

Meeting adjourned at 11:45.