

(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
Des Moines Water Works Board Room
December 15, 2016
10:30 a.m.

Attendees: Shane Kinsey, Diana Wilson, John Gibson, Karen Oppelt, Dan Klopfer, Ted Corrigan, Tim Hoskins, Ken Plager, Dale Acheson, Jim Utter, Vern Willey, Amy Kahler, Stan Ripperger, Andy Fish

Public: Don McDowell

DMWW Long Range Plan Update

Ted Corrigan reported HDR has presented three options to DMWW for meeting water demand in 2040 in the metro area. While the options provided by the consultants are detailed and fairly complex, all the options expand McMullen Water Treatment Plant from 25 MGD to 37.5 MGD, and expand Saylorville Water Treatment Plant from 10 MGD to 20 MGD. The three options include:

1. Expand Fleur Drive plant from 75 MGD to 100 MGD.
2. Expand Saylorville plant to 45 MGD.
3. Build a fourth treatment plan to treat 25 MGD.

In each option the consultants have also included the construction of three new ASR wells on the core network. Alternates for each option have also been provided including the construction of an 8 MGD plant by Urbandale Water Utility. In each case the Core Network expansions have been reduced slightly to account for the Urbandale capacity. These reductions were accomplished in each option as follows:

1. No ASR wells were included
2. Saylorville plant is expanded to 37 MGD rather than 45 MGD
3. The new fourth plant is proposed at 18 MGD rather than 25 MGD

Each option comes with source water and distribution considerations. Thus far, the options provide solutions for 2040 demand projections, and the consultant has not yet developed an incremental approach identifying “triggers” to stage expanded capacity over time.

These options, along with their cost estimates, will continue to be evaluated and refined in the coming weeks. It was noted the potential Urbandale Water Treatment plant impacts these options and will be considered as evaluations continue. Mr. Corrigan indicated DMWW hopes to have a report draft to share by February 2017.

Urbandale Treatment Plant Update

Dale Acheson reported the chairpersons for the Urbandale Water Utility and Des Moines Water Works have exchanged proposals on how a new Urbandale plant could fit into the Core Network. Mr. Acheson indicated Gopal Krishna has recently been involved in these discussions, but the two parties are not close to mutual agreement. He hopes to have discussions resolved in about a month.

Waukee/WDMWW Source Water Availability Study Update

Diana Wilson reported the electrical resistivity testing has been completed, and the study found there exists moderate water capacity in the sand and gravel formations, similar to what was found in 1991. Ms. Wilson indicated this was the anticipated result of the testing, and the next step will be to perform pump testing to validate the findings.

Des Moines Water Works Board Activities for December

Ted Corrigan reviewed the agenda for the December 20th Des Moines Water Works Board of Trustees meeting:

- Audit Services Provider – Requesting approval for RSM (McGladrey) to continue as auditor.
- Three Agreements for Use of Water Works Property (park property)
 - Little All-American Football
 - Raccoon Valley Little League, Inc.
 - Soccer South Soccer, Inc.
- Award 2017 Water Service Line Repairs Contract – Requesting approval to award contract for repair of customer stopboxes to Torgerson Excavating (for customers who have not enrolled in HomeServe service line protection program and do not hire a plumber upon DMWW notification they need to repair their stopbox, DMWW hires contractor to make the repair and pays the contractor, and then DMWW puts stopbox repair on customer's DMWW bill).
- AFSCME Iowa Council 61, Local 3861 Contract Extension – Extends contract with AFSCME to end of 2021
- Approval of 28E Agreements with City of Des Moines related to Payment In Lieu of Taxes (PILOT), Billing and Collecting Services, Fleur Drive Maintenance
- Approval of Chair's Selection of Board Members' Representation on External Boards
- Election of Chairperson and Vice-Chairperson for 2017-2018
- A closed session will be held to discuss litigation strategy related to nitrate pollution, likely litigation should legislative action be taken against DMWW interests, and lime residential removal to avoid disclosure likely to prejudice or disadvantage the position of DMWW.

Open

Dan Klopfer gave a brief update on the Park Foundation's work. Approximately \$6 million out of the \$9 million goal has been raised. A "60% design" is underway by RDG and is expected to be completed by spring. The Foundation will begin addressing various details including permitting, flood plain considerations, etc. Work may begin spring 2018. The underpass between Water Works Park and Gray's Lake may begin in 2019 to coincide with planned street work on Fleur Drive. Mr. Klopfer indicated there have been discussions about the Foundation establishing a maintenance fund to offset the additional maintenance costs related to the planned amenities.

Ted Corrigan reported there are no developments related to the nitrate litigation.

Next Meeting Date

The next meeting will be January 19, 2017 at Des Moines Water Works.

Meeting adjourned at 11:20.