

**CALLED MEETING OF THE BOARD OF WATER WORKS TRUSTEES
HELD AT THE OFFICE OF THE DES MOINES WATER WORKS
PURSUANT TO NOTICE, TUESDAY,
February 23, 2016**

Present: Mr. Graham R. Gillette, presiding; David A. Carlson; Ms. Leslie A. Gearhart; Ms. Susan R. Huppert and Mr. Marc R. Wallace. Staff members attending were: Pat Bruner, Ted Corrigan, Peggy Freese, Doug Garnett, Webster Kranto, Mike McCurnin, Laura Sarcone, Bill Stowe and Jennifer Terry. Also in attendance were Rick Malm, legal counsel, and Sam Carrell and Randy Reichardt, Des Moines Water Works Park Foundation.

Mr. Gillette called the meeting to order at 3:34 p.m.

Consent Agenda – A motion was made by Mr. Wallace, seconded by Ms. Gearhart, to approve Consent Items A, B, C, D and E (approval of the minutes, January 26, 2016, Board of Water Works Trustees meeting; minutes, February 2, 2016, Planning Committee meeting; minutes, February 9, 2016, Finance and Audit Committee meeting; filing of the financial statements for audit purposes; approval of payments for January 2016; summary of CEO-Approved Expenditures in Excess of \$20,000; and approval of March 22, 2016, as the next meeting of the Board of Water Works Trustees). Mr. Stowe noted a payment in lieu of taxes (PILOT) to the City of Des Moines for \$755,340, as a good faith payment, despite the expired agreement. Staff continues to wait for further information and discussion with the City. Upon vote, the motion was adopted, with each member of the Board, who is identified above as present, voting in favor of the motion.

Public Comment Period – No comments presented.

2016 Polk County Water System improvements – Contract 1 – A Public Hearing was opened by Chairperson Gillette for comments from the public regarding 2016 Polk County Water System improvements – Contract 1. Staff received one inquiry from a potential vendor for one of the alternate bids. The Public Hearing was closed. A motion was made by Mr. Wallace, and seconded by Ms. Gearhart for adoption of form of contract, plans and specifications, and estimated cost. Ms. Gearhart inquired on the length of pipe this project. Mr. Klopfer stated about one-and-a-half mile. Upon vote, the motion was adopted, with each member of the Board, who is identified above as present, voting in favor of the motion. Mr. Stowe reviewed the bids received. Mr. Stowe noted a fairly significant difference between the engineer's estimate of \$700,000 and the three relatively proposed bids, noting a change in the market. Three relatively close bids. A motion was made by Mr. Carlson, and seconded by Ms. Gearhart to award the 2016 Polk County Water System Improvements – Contract 1 to Synergy Contracting, LLC, in the amount of \$848,041.60, and authorize the Chairperson and CEO and General Manager to execute the contract. Upon vote, the motion was adopted, with each member of the Board, who is identified above as present, voting in favor of the motion.

Request Authorization to Solicit Bids for 2016 Des Moines Water System Improvements – Contract 1 and Establish the Date of the Public Hearing as the Date of the March 2016 Board Meeting – Mr. Stowe noted this is a request for permission to bid for water main replacement projects inside the city of Des Moines. A motion was made by Mr. Wallace, seconded by Ms. Gearhart, to authorize staff to solicit bids for 2016 Des Moines Water System Improvements – Contract 1 and establish the date of Public Hearing as the date of the March 2016 Board meeting, and direct staff to publish notice as provided by law. Ms. Huppert inquired about the notification process to residents in affected areas. Mr. Stowe stated staff coordinates with the neighborhood community leaders and with the City of Des Moines for traffic control. Mr. Klopfer concurred and stated staff sends communication as the project is being designed, indicating that DMWW will be in the area surveying, and prior to each commencement of the project work, another communication to confirm construction. Upon vote, the motion was adopted, with each member of the Board, who is identified above as present, voting in favor of the motion.

Receive and File Five Year Capital Improvement Plan – Mr. Stowe stated that there has been extensive discussion at both the Finance and Audit and Planning Committee levels for the proposed five year capital improvement plan (CIP) that is being presented. A lot of work by engineering and finance staff was necessary to come up with this very detailed road map. Staff is looking at our priorities at a long-term basis, with significant capital projects that straddle multiple years and are important for meeting regulatory requirements, despite deteriorating source water quality. A motion was made by Mr. Wallace, seconded by Ms. Huppert, to receive and file the Five-Year Capital Improvement Plan. Mr. Gillette requested feedback from fellow Board members on the process of this five year CIP. Ms. Gearhart stated the work is important to be able to see the financial needs to meet drinking water standards. Ms. Huppert noted that citizens are very interested in our infrastructure investments, in light of issues with Flint, Michigan. Mr. Wallace noted the legacy left to us, and what we want to leave for future generations. Mr. Klopfer stated staff is now working on a 25 year long range plan, for suburban and retail customer needs. Upon vote, the motion was adopted, with each member of the Board, who is identified above as present, voting in favor of the motion.

Board Committee Reports –

The following reports were provided:

- Mr. Wallace noted that the Planning Committee met on February 2, 2016, and discussed the five year capital improvement plan.
- Ms. Huppert stated that the Finance and Audit Committee met on February 9, 2016, and discussed workers compensation and nitrate wetland pilot project.
- Ms. Gearhart reported on the Greater Des Moines Botanical Garden Board, including recruiting new volunteers, work on dome repairs, and increased attendance.
- Mr. Wallace, and others, recognized with great sadness the passing David Hurd, a big supporter of the Water Works Park Foundation.
- Ms. Huppert stated she offered a DMWW tour to the Greater Des Moines Partnership's Iowa Soil and Water Future Task Force. The Greater Des Moines Partnership Board will discuss the Governor's SAVE program at its next Board meeting.

CEO and General Manager’s Comments –

- Mr. Stowe summarized 2016 utility goals, including pursuing CRM replacement, providing for new technology in the field, developing financing options for the five year CIP, 2040 long range plan, reducing employee injuries and maximizing Saylorville Water Treatment Plant daily production. Staff will give periodic reports of progress.
- Competition Filter Building Water Service Line – As previously reported at the January 26, 2016, Board meeting, under the Board Policy Manual, Mr. Stowe reported that he had exercised the CEO and General Manager’s authorization to declare and find an emergency necessity to contract for repair to the Fleur Drive Treatment Plant Filter Building water service line based on a staff professional engineer’s certificate of emergency which was included the Board materials. Emergency repairs were completed by February 12, 2016, for a final cost of \$94,780.20.
- Mr. Stowe reported on a repair to a 36” feeder main in Water Works Park failure, and power failure at Fleur Drive Treatment Plant.
- Mr. Stowe shared a graph from University of Iowa – IIHR showing January nitrate loads from 1947-2016. Ms. Huppert requested to continue to share the website for IIHR – <http://iwqis.iowawis.org>.

Mr. Gillette noted the Contract Status Spreadsheet, January 2016 Lien Certification and Reversals, and Outreach Summary and Legislative Water Quality Proposal Matrix included in the Board’s packet.

The following Competitive Quotations Awarded were submitted for review:

Title	Description	Date of Contract	Contractor	Amount
2016 Bishop Farms Purple Martin Lake Culvert Stabilization	Contractor shall dismantle existing box culvert sections that have shifted or moved into sections less than 5’ across in any direction. All exposed steel and asphalt shall be removed. Existing bank on each side of culvert shall be shaped to provide a 2 to 1 slope. Broken pieces of dismantled box culvert shall be placed along the bottom of the creek and on the bank to provide stabilization. Existing sections of culvert that have not shifted shall be protected.	2/1/2016	Elder Corporation	\$66,200.00
Repair 36" PCCP Feeder Main in Water Works Park	Excavate over two joints on each side of bad section of pipe, remove existing diaper, and confirm joints are sound and in good condition. Get measurement for section of pipe that is bad. DMWW will order new pipe and provide to contractor with an estimated 4-5 day lead time to get new pipe. Remove damaged section of pipe. Install new pipe, having swabbed new pipe with bleach solution. Install cathodic protection cables. Backfill hole. DMWW will do site restoration work.	2/16/2016	Raccoon Valley Contractors, LLC	\$42,021.00

Adjournment – Adjourn by unanimous consent at 4:30 p.m.

Post Board Meeting Presentation: Des Moines Water Works Park Foundation Master Plan Update – Mr. Stowe noted as part of phase one of the Park Foundation improvements, approximately 140 memorial trees in Water Works Park will need to be removed. It is staff's recommendation to not replace individual memorial trees, but rather a centralized memorial garden or grove in the Park. Mr. Corrigan presented on the 2011 Water Works Park Master Plan/Parkitecture Competition process and the Park Foundation's progress on interpretation and implementation of the Master Plan. Mr. Carrell thanked the Board for asking the public for engagement via the Parkitecture Competition and Master Plan process. Mr. Carrell shared conceptual designs for phase one. Mr. Klopfer presented on the proposed construction projects, with the objectives of flood resilient, publically bided and constructed. The Board had brief discussions on the cash flow process of construction projects and conservation practices within the Park design.

Meeting ended 5:20 p.m.

**PLANNING COMMITTEE
OF THE BOARD OF WATER WORKS TRUSTEES
HELD AT THE OFFICE OF DES MOINES WATER WORKS
PURSUANT TO NOTICE**

Tuesday, March 1, 2016

3:34 p.m.

Present:

Board Members: Dave Carlson, Marc Wallace

Staff Members: Ted Corrigan, Doug Garnett, Amy Kahler, Dan Klopfer, Mike McCurnin, Laura Sarcone and Bill Stowe

1. Long Range Plan – Mr. Stowe noted the Board has just received and filed a \$241 million five year Capital Improvement Plan. That plan does not address future needs for additional capacity to meet expected growth in demand, rather it set forth capital investments needed for regulatory compliance requirements and other infrastructure upgrades. We are coming at the end of our current 2020 long range plan. The new long range plan will cover distribution and treatment improvement needs up until 2040. Mr. Casey explained the scope of services for the long range plan, including review of water sources, containments, projected customer demand, current treatment facilities, aquifer storage and recovery wells, hydraulic modeling, and fire protection. Proposals are due from consultants on March 10, and staff hopes to award the contract at the March Board meeting. A draft final report will be due by end of the year, with the final report due in by February 2017. The 2016 operating budget includes \$400,000 for the long range plan. Mr. Stowe stated this is a very significant piece of work which will provide a wealth of data and knowledge.
2. CEO and General Manager's Comments –
 - Mr. Stowe and Mr. Corrigan reported on the significantly lower number of main breaks this season.
 - Mr. Stowe noted that the denitrification facility was placed online today for a few days for preventative maintenance work.
 - Regarding lead service lines, Mr. Stowe mentioned that the customer newsletter in the March bills will contain important information about potential lead service lines. Des Moines Water Works will be offering free lead sample tests to customers with pre-1950 taps.
 - Mr. Wallace noted the recent media coverage of the nitrate regeneration waste discharge. Staff has been researching alternative methods for handling discharge for several years. Des Moines Water Works is demonstrating environmental responsibility by going beyond the minimum permit requirement. Mr. Stowe stated staff and consultants are currently in the design phase for the discharge line and construction should begin this summer. This effort comes at a significant cost to our ratepayers.
 - Brief discussion on public support on lawsuit, as reported in the new Iowa Poll by *The Des Moines Register*.
 - Mr. Carlson asked for an update on equal opportunity hiring efforts at next month's Planning Committee.
3. Public Comments – None

Meeting adjourned at 4:20 p.m.