

****The April 27, 2021, Board of Water Works Trustees Meeting will be conducted online****

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MEETING

Board of Water Works Trustees

Des Moines Water Works

April 27, 2021

3:30 p.m.

Decision Agenda

I. Consent Agenda:

- A. Minutes, March 23, 2021, Board of Water Works Trustees Meeting
Minutes, March 30, 2021, Board of Water Works Trustees Meeting
Minutes, April 6, 2021, Planning Committee Meeting
Minutes, April 13, 2021, Finance and Audit Committee Meeting
- B. Financial Statements
- C. List of Payments for March 2021
- D. Summary of CEO-Approved Expenditures in Excess of \$20,000
- E. Next Meeting Date – May 25, 2021

II. Public Comment Period:

III. Action Items:

- A. Receive and File 2022-2026 Five-Year Capital Improvement Plan
- B. Acceptance of Polk County Pumping Station – Storage Tank Fill Line Contract
- C. Request Authorization to Execute the Memorandum of Understanding between West Des Moines Water Works, Board of Water Works Trustees of the City of Des Moines, Iowa and the City of West Des Moines on the Addition of Two Data Centers in West Des Moines
- D. Request Authorization to Execute the Fifth Amendment to Water Service Enhancement Agreement Clarifying Ownership of the Waukee Booster Station
- E. Request Permission to Issue Purchase Order for Rehabilitation of Lime Sludge Dewatering Press Equipment
- F. Request Authorization to Execute 28E Agreement By and Between the Board of Water Works Trustees of the City of Des Moines, Iowa, and West Des Moines Water Works regarding Withdrawal of Water for Treatment from the Raccoon River Alluvial Sources

- G. Request Authorization to Reimburse the City of Des Moines for Water Main Relocations within City of Des Moines Projects
- Closes Creek Storm Sewer Improvements Phase 2A and 2B
 - East Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street
 - Western Ingersoll Run Sewer Separation Phase 1
- H. 2021 Des Moines Water Main Replacement – Contract 2 – Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway
1. Public Hearing
 2. Adoption of form of Contract, Specifications, and Estimated Cost
 3. Analysis of Bids Received
 4. Award of Contract and Authorization to Execute Contract
- I. Nitrate Removal Facility Crawlspace Renovation
1. Public Hearing
 2. Adoption of form of Contract, Specifications, and Estimated Cost
 3. Analysis of Bids Received
 4. Award of Contract and Authorization to Execute Contract
- J. Regionalization Discussion – Possible Closed Session
1. Methods of Analysis of Proposed Transaction Economics and Alternative Deal Terms
 2. Asset Transfer Valuation
 3. Possible Negotiation Strategies
- The Board of Water Works Trustees may hold a closed session under Section 388.9(1), Code of Iowa, to discuss marketing and pricing strategies and proprietary information that may impact its competitive position by public disclosure not required of potential or actual competitors related to ongoing negotiations over creating an integrated regional water authority. Each of these topics should be discussed in closed session to avoid disclosure likely to prejudice or disadvantage the position of the Des Moines Water Works.

IV. Information Items:

- A. Board Committee Reports
- Planning Committee
 - Finance and Audit Committee
 - Customer Relations Committee
 - Bill Stowe Memorial Committee
 - Greater Des Moines Botanical Garden Board
 - Des Moines Water Works Park Foundation Board

**OSHA Recordable
Injuries YTD: 1**

Caught Between: 1

- B. Staff Updates:
- External Affairs
- C. CEO and General Manager's Comments
- 2021 Utility Goals Update
 - COVID-19 Update
- D. Contract Status and Professional Services Agreements

Schedule of Board Activities – May and June Time: 3:30 p.m.		
<u>Date</u>	<u>Location</u>	<u>Meeting</u>
May 4	Board Room	Planning Committee, followed by Customer Relations Committee
May 11	Board Room	Finance and Audit Committee
May 25	Board Room	Board of Water Works Trustees
June 1	Board Room	Planning Committee, followed by Customer Relations Committee
June 8	Board Room	Finance and Audit Committee
June 22	Board Room	Board of Water Works Trustees

V. Adjournment

AGENDA ITEM FORM

SUBJECT: Consent Agenda

SUMMARY:

- A. Minutes, March 23, 2021, Board of Water Works Trustees Meeting
Request: Approve March 23, 2021, Minutes
Minutes, March 30, 2021, Board of Water Works Trustees Meeting
Request: Approve March 30, 2021, Minutes
Minutes, April 6, 2021, Planning Committee Meeting
Request: Approve April 6, 2021, Minutes
Minutes, April 13, 2021, Finance and Audit Committee Meeting
Request: Approve April 13, 2021, Minutes
- B. Financial Statements
- At March 2021, total assets of the Des Moines Water Works were \$424.8 million, liabilities totaled \$69.5 million, deferred outflows totaled \$8.0 million, deferred inflows totaled \$7.3 million and contributions and retained earnings were \$355.9 million.
 - Total operating revenue for the month of March was \$5.9 million. Expenses (operating and non-operating) for the month were approximately \$4.8 million, leaving net earnings of approximately \$1.0 million.
 - Request:** Receive and File for Audit the March 2021 Financial Statements
- C. List of Payments for March 2021
Request: Approve March 2021 payments
- D. Summary of CEO-approved expenditures in excess of \$20,000
Request: Approve the CEO-approved expenditures in excess of \$20,000
- E. Next Meeting Date – May 25, 2021
Request: Approve May 25, 2021, as the date of the next meeting of the Board of Water Works Trustees.

FISCAL IMPACT:

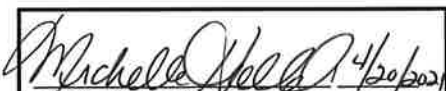
No impact to budget.

RECOMMENDED ACTION:

Approve Consent Agenda Items A, B, C, D, and E.

BOARD REQUIRED ACTION:

Motion to approve Consent Agenda.

 Michelle Holland Controller	 Amy Kahler, CPA Chief Financial Officer	 Ted Corrigan, P.E. CEO and General Manager
(date) 4/20/21	(date) 4/20/21	(date) 4/22/21

Attachments: March 23, 2021, Board of Water Works Trustees Meeting Minutes; March 30, 2021, Board of Water Works Trustees Meeting Minutes; April 6, 2021, Planning Committee Meeting Minutes; April 13, 2021, Finance and Audit Committee Meeting Minutes; March 2021 Financial Statements; List of Payments; Summary of CEO-approved expenditures in excess of \$20,000

**MINUTES OF CALLED MEETING OF THE BOARD OF WATER WORKS TRUSTEES
PURSUANT TO NOTICE
Tuesday, March 23, 2021**

The Meeting was conducted by video conference.

Present (by Video or Audio Conference Link):

Board Members: Chairperson Mr. Graham Gillette, presiding; Mr. Joel Aschbrenner, Ms. Andrea Boulton, Ms. Susan Huppert and Ms. Diane Munns

Staff members: Theresa Braden, Pat Bruner, Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Amy Kahler, Mike McCurnin, Jenny Puffer, Jennifer Terry, and Michelle Watson

Also in attendance: John Lande (legal counsel), Rick Malm (legal counsel), Melissa Walker (MW Media Consultants, LLC)

Mr. Gillette called the meeting to order at 3:30 p.m.

Consent Agenda –

A motion was made by Mr. Aschbrenner, seconded by Ms. Munns, to approve Consent Items A, B, C, D, and E (Approval of Minutes, February 23, 2021, Board of Water Works Trustees Meeting; Minutes, March 2, 2021, Planning Committee Meeting; Minutes, March 2, 2021, Customer Relations Committee Meeting; Minutes, March 9, 2021, Finance and Audit Committee Meeting; Receipt and filing of the financial statements for audit purposes; Approval of Payments for February 2021; Approval of Summary of CEO-Approved Expenditures in Excess of \$20,000; and Approval of April 23, 2021, as the next meeting of the Board of Water Works Trustees). Upon roll-call vote, the motion was adopted with each member of the Board voting in favor of the motion.

Public Comment Period

No comments were received from the public.

Request Authorization for CEO and General Manager to Execute Amendment 2 to Joint Funding Agreement with U.S. Geological Survey for Des Moines River Wellfield Evaluation

On December 19, 2017, the Board of Water Works Trustees (the “Board”) authorized the CEO and General Manager to execute a Joint Funding Agreement (JFA) with the U. S. Geological Survey (USGS). The USGS share of project funding for this cooperative scientific investigation was \$166,257. DMWW’s share of project funding was \$498,772. The performance period was established from January 1, 2018 to July 31, 2020.

Amendment 1 to the JFA was executed in June 2020. This First Amendment:

1. Increased the USGS share of project funding from \$166,257 to \$190,257.
2. Extended the performance period from July 31, 2020 to September 30, 2021.

An Amendment 2 to the JFA is proposed to modify the scope of work and extend the boundary of the Study Area. Other provisions of the Amendment 2 to the JFA include the following:

1. The USGS share of project funding is increased by \$63,000 from \$190,257 to \$253,257.
2. The DMWW share of project funding is increased by \$140,000 from \$498,772 to \$638,772.

The performance period will be extended from September 30, 2021 to September 30, 2022.

A motion was made by Ms. Huppert, seconded by Ms. Boulton to authorize the CEO and General Manager to execute Amendment 2 to the Joint Funding Agreement No. 18EMNE000000134 in the amount of \$140,000. Upon roll-call vote, the motion was adopted, with each member of the Board voting in favor of the motion.

Request Authorization to Solicit Bids for 2021 Des Moines Water Main Replacement – Contract 2 – 48-inch Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway and Establish the Date of the Public Hearing as the Date of the April 2021 Board Meeting

Des Moines Water Works (DMWW) staff have been coordinating and cooperating with developers moving forward with the Des Moines Transload Facility to be located near SE 15th and Martin Luther King Jr. Parkway. The site includes critical 48-inch feeder main facilities owned and operated by DMWW. Staff requested the developers to design the site in a way to take advantage of existing casing pipe that protects the feeder main, and they complied. Developers were also asked to expose the DMWW infrastructure in this area so that a condition assessment could be made. Unfortunately, that assessment recently revealed that the protective casing has deteriorated and is unsuitable and will not provide necessary feeder main protection. The feeder main and associated casing pipe was originally installed in 1969.

Staff considered a number of alternatives but has concluded that nearly 500 feet of 48-inch feeder main should be replaced to allow for safe water distribution system operations moving forward.

A motion was made by Ms. Munns, seconded by Ms. Boulton to authorize staff to solicit bids for the 2021 Des Moines Water Main Replacement Contract 2 - Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway project and establish the date of the Public Hearing as the date of the April 2021 Board meeting, and direct staff to publish notice as provided by law. Upon roll-call vote, the motion was adopted, with each member of the Board voting in favor of the motion.

Request Authorization to Re-establish the Date of Public Hearing for Nitrate Removal Facility Crawlspace Renovation as the Date of the April 2021 Board Meeting

At the January 2021 Board meeting, staff was authorized to solicit bids for the Nitrate Removal Facility Crawlspace Renovation and establish the Date of Public Hearing as the date of the March 2021 Board meeting. Engineer's estimate for addressing issues associated with structural and top of clearwell distress was \$609,000. In the process of completing bid documents, additional corrosion of the Nitrate Removal Facility steel floor deck system was discovered requiring the creation of additional drawings and expanding the scope of work necessary for potential bidders to consider.

A motion was made by Ms. Huppert, seconded by Mr. Aschbrenner to authorize staff to re-establish the date of Public Hearing for Nitrate Removal Facility Crawlspace Renovation as the Date of the April 2021 Board meeting. Upon roll-call vote, the motion was adopted, with each member of the Board voting in favor of the motion.

2021 Des Moines Water Main Replacement Contract 1 – E. Pleasant View Drive and E. 17th Street

This project calls for the installation of approximately 2,500 feet of 8-inch polyvinyl chloride water main on E. Pleasant View Drive and approximately 1,100 feet of 12-inch ductile iron water main on E. 17th Street.

A Public Hearing was opened by Chairperson Gillette for comments from the public regarding the form of contract, plans and specifications, and estimated cost for the 2021 Des Moines Water Main Replacement Contract 1 – E. Pleasant View Drive and E. 17th Street project. Receiving no oral or written comments, the Public Hearing was closed.

A motion was made by Ms. Munns for adoption of the form of contract, plans and specifications, and estimated cost for the Project. The motion was seconded by Ms. Boulton. Upon roll-call vote, the motion was adopted with each member of the Board identified as present voting in favor of the motion.

After an analysis of the bids received was presented and considered. A motion was made by Mr. Aschbrenner, seconded by Ms. Boulton, to award the 2021 Des Moines Water Main Replacement Contract 1 – E. Pleasant View Drive and E. 17th Street contract to Synergy Contracting, LLC, in the amount of \$1,806,597, and to authorize the Chairperson and the CEO and General Manager to execute the contract. Upon roll-call vote, the motion was adopted with each member of the Board voting in favor of the motion.

MidAmerican Energy Company Electric Easement at Nollen Standpipe and Pump Station
MidAmerican Energy Company (MEC) is requesting an easement of 4 ft. by 10 ft. at the Nollen Pump Station and Standpipe at 2569 Hull Ave. in Des Moines. This easement would be used for placement of an above-ground junction box and routing of below-ground electrical conduits, wires, and cables for the transmission of electrical energy and for communication and electrical controls. Accommodating MEC with an easement does not create adverse conditions to DMWW.

A Public Hearing was opened by Chairperson Gillette for comments from the public regarding the granting of an easement to MidAmerican Energy Company (“MEC”) across DMWW real estate. Receiving no oral or written comments, the Public Hearing was closed.

A motion was made by Ms. Munns, seconded by Ms. Huppert to authorize the Chairperson and CEO and General Manager to execute the document granting an electric easement to MidAmerican Energy Company at Nollen Standpipe and Pump Station in the form presented. Upon roll-call vote, the motion was adopted, with each member of the Board voting in favor of the motion.

MidAmerican Energy Company Underground Electric Easement at NW 26th Street Booster Station

As part of the construction of the NW 26th Street Booster Station, a new electrical service is being provided by MidAmerican Energy Company (MEC). The nature of the electric service to this site (loop feed versus radial feed) will require MidAmerican Energy owned cabling to enter and exit the site. Therefore, reasonable accommodations on the part of DMWW to grant an easement are necessary. Easement area will include an area that allows entry and exit of cabling and conductors in addition to room to allow for installation of a pad-mounted transformer.

A Public Hearing was opened by Chairperson Gillette for comments from the public regarding the granting of an easement to MidAmerican Energy Company across Water Works’ real estate. Receiving no oral or written comments, the Public Hearing was closed.

A motion was made by Mr. Aschbrenner, seconded by Ms. Boulton to authorize the Chairperson and CEO and General Manager to execute the document granting an underground electric

easement to MidAmerican Energy Company at the NW 26th Street Booster Station in the form presented. Upon roll-call vote, the motion was adopted, with each member of the Board voting in favor of the motion.

Request for Proposals for Legal Services

The Dickinson Law Firm has served as legal counsel to the Board of Water Works Trustees since 1957, and Mr. Richard Malm of the Dickinson Firm was designated as legal counsel to the Board in November 1998. Mr. Malm transitioned to the title Of Counsel in January 2020. In light of the time that has passed since the last proposal, the Board has asked staff to draft a Request for Proposals (RFP) for legal services.

A motion was made by Ms. Huppert, and seconded by Ms. Munns, to authorize issuance of a Request for Proposals for legal services. Upon roll-call vote, the motion was adopted with each member of the Board voting in favor of the motion.

Board Committee Reports

The following reports were provided:

- Planning Committee – A meeting was held on March 2, 2021 as reflected in the minutes thereof. Ms. Boulton reported that the Long Range Plan Update was shared and discussed.
- Finance and Audit Committee – A meeting was held on March 9, 2021 as reflected in the minutes thereof. Mr. Aschbrenner gave a brief summary of the meeting.
- Customer Relations Committee – A meeting was held on March 2, 2021 as reflected in the minutes thereof. Ms. Huppert offered no additional comments.
- Bill Stowe Memorial – Mr. Gillette reported that the committee held an organizational meeting to re-group and continue moving forward with the project.
- Greater Des Moines Botanical Garden – Mr. Gillette advised that the new GDMBC CEO, Kim Perez, will be starting in April.
- Des Moines Water Works Park Foundation Board – Ms. Boulton reported that DMWW Park Foundation Board has a new members, offering many new ideas. Its efforts are focused on transitioning from infrastructure fundraising to more programming and educational connections to the park and park-related activities.

Staff Updates

External Affairs - Ms. Terry provided a legislative update.

CEO and General Manager's Comments

Mr. Corrigan advised that staff is working toward holding a COVID-19 vaccination clinic on-site. He also reported that the second round of PFAS testing showed traces of the contaminant in finished drinking water as did the first. Staff will continue to follow up with IDNR and the Iowa Air National Guard at the airport to monitor that situation.

Regionalization Discussion – Possible Closed Session

A closed session was suggested to consider regionalization strategy with respect to the following:

1. Methods of analysis of proposed transaction economics and alternative deal terms; and
2. Asset Transfer
3. Possible Negotiation Strategies

A motion was made by Ms. Munns, seconded by Ms. Huppert, to go into closed session under Section 388.9(1), Code of Iowa, to discuss marketing and pricing strategies and proprietary information that may impact its competitive position by public disclosure not required of potential or actual competitors related to ongoing negotiations over creating an integrated regional water authority with respect to the above described matters to avoid disclosure likely to prejudice or disadvantage the position of the Des Moines Water Works.

Upon roll-call vote, the motion was adopted, with Mr. Aschbrenner, Ms. Boulton, Mr. Gillette, Ms. Huppert, and Ms. Munns voting in favor of the motion.

The meeting then went into closed session.

The Board subsequently returned to open session.

No action was taken as a result of the closed session discussion.

Adjournment – Meeting adjourned by unanimous consent.

5:49p.m. adjourned

**MINUTES OF SPECIAL CALLED MEETING OF THE BOARD OF WATER WORKS
TRUSTEES PURSUANT TO NOTICE
Tuesday, March 30, 2021**

The Meeting was conducted by video conference.

Present (by Video or Audio Conference Link):

Board Members: Chairperson Mr. Graham Gillette, presiding; Mr. Joel Aschbrenner, Ms. Andrea Boulton, and Ms. Diane Munns

Staff members: Ted Corrigan, Kyle Danley, Amy Kahler, and Michelle Watson

Also in attendance: Colin Baenziger (Colin Baenziger & Associates), John Lande (legal counsel), Rick Malm (legal counsel) and others

Mr. Gillette called the meeting to order at 3:30 p.m.

Regionalization Discussion

A motion was made by Ms. Munns, seconded by Ms. Boulton, to go into closed session under Section 388.9(1), Code of Iowa, to discuss marketing and pricing strategies and proprietary information that may impact its competitive position by public disclosure not required of potential or actual competitors related to ongoing negotiations over creating an integrated regional water authority with respect to methods of analysis proposed transaction terms, alternative deal terms and possible negotiation strategies. Each of these topics should be discussed in closed session to avoid disclosure likely to prejudice or disadvantage the position of the Des Moines Water Works.

Upon roll-call vote, the motion was adopted, with Mr. Aschbrenner, Ms. Boulton, Mr. Gillette, and Ms. Munns voting in favor of the motion. The meeting then went into closed session.

The Board subsequently returned to open session.

No action was taken as a result of the closed session discussion.

CEO and General Manager's Comments

There were no additional comments from Mr. Corrigan.

Public Comments

There were no comments from the public.

Adjournment – Meeting adjourned by unanimous consent.

5:13 p.m. adjourned

**MINUTES OF MEETING OF PLANNING COMMITTEE
OF THE BOARD OF WATER WORKS TRUSTEES
PURSUANT TO NOTICE**

Tuesday, April 6, 2021
3:30 p.m.

The Meeting was conducted by video conference.

Present (by Video or Audio Conference Link):

Board Members: Mr. Joel Aschbrenner, Ms. Andrea Boulton, and Ms. Diane Munns.

Staff Members: Theresa Braden, Pat Bruner, Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Amy Kahler, Mike McCurnin, Jenny Puffer, Laura Sarcone, Jennifer Terry, and Michelle Watson.

Also in Attendance: John Lande (legal counsel)

Meeting called to order at 3:30 p.m.

1. TCE South Plume

Mr. McCurnin provided an update on what staff refers to as the “TCE South Plume” (TCE contamination in the broad area south of George Flagg Parkway and north of Bell Avenue (between Fleur Drive and SW 30th). State regulators (Iowa Department of Natural Resources) have been investigating this area since 2004. There had been a known solvent release in the vicinity and a variety of monitoring wells were initially installed to assess the situation. After several years of monitoring and evaluating, IDNR believes the most elevated source concentrations are present at a property at 2201 Bell Ave., the location of the former Stone Container operation which is currently owned by Mid-America Development Company. In February of 2020, IDNR submitted a Request for Federal Action to the U.S. EPA., placing the site into a further investigation phase to be completed by U.S. EPA with possible removal and remediation by a determined responsible party.

In January of 2021 U.S. EPA and its contractor (Tetra Tech) made an initial visit to Des Moines and DMWW to take samples at various locations within the infiltration gallery system. While this is a lone test date, staff can report that detection of cis-1,2-dichloroethene (DCE) at very low concentrations (near 1 part per billion) was found at the gallery Valve Chamber #4, the intercept shaft, and the north shaft. The maximum contaminant level (MCL) for cis-1,2-dichloroethene is 70 parts per billion. Significantly, there was no detection in Valve Chambers 3, 5, 7 and 8, which indicates that the pollutant was not present in western and northern collection elements of the infiltration gallery. Staff will continue to coordinate with U.S. EPA and monitor this situation.

2. 2021 Park Events (DMWW and DMWWPF)

In light of ongoing pandemic concerns and City of Des Moines’ Mayoral proclamations regarding outdoor gatherings, Des Moines Water Works (DMWW) staff and Des Moines Water Works Park Foundation (DMWWPF) personnel have developed guidelines and concepts to govern outdoor events held in Water Works Park. The intention with the guidelines is to balance enjoyment and promotion of the park and its amenities by the public with the need of safety of park patrons attending larger events. Mr. McCurnin shared that guidelines have been developed for the following types of events: races/runs/walks, small performances/dances/dinners, recitals/small performances, and Lauridsen Amphitheater & Killinger Family Stage events.

3. CEO and General Manager's Comments

Mr. Corrigan reported that the Ironman Foundation intends to hold its triathlon in Des Moines on June 20th, which includes a transition at the amphitheater. The five-year CIP will be reviewed at the April 13th Finance and Audit Committee meeting. HDR's Long Range Plan Update will be shared with suburban customers at a meeting on April 15th. Strategic planning efforts are moving forward, and Mr. Corrigan will be seeking board members' input/recommendations on members for the Community Advisory Group. He also advised that we are moving toward resumption of in-person Board and Board Committee meetings in the month of July with Zoom links available to allow for virtual attendance.

4. Public Comments - There were no comments from the public.

Meeting adjourned at 4:13 p.m.

**MINUTES OF MEETING OF FINANCE AND AUDIT COMMITTEE
OF THE BOARD OF WATER WORKS TRUSTEES
PURSUANT TO NOTICE**

April 13, 2021

3:30 p.m.

The Meeting was conducted by video conference.

Present (by Video or Audio Conference Link):

Board Members: Mr. Joel Aschbrenner, Ms. Susan Huppert, and Ms. Diane Munns

Staff Members: Theresa Braden, Pat Bruner, Wally Burgin, Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Donna Heckman, Michelle Holland, Amy Kahler, Mike McCurnin, Jennifer Puffer, Laura Sarcone, Jennifer Terry, and Michelle Watson

Also in attendance: Melissa Walker (MW Media Consultants, LLC)

Meeting called to order at 3:30 p.m.

1. 2022-2026 Five-Year CIP –

Mr. McCurnin presented the proposed 2022-2026 Five-Year Capital Improvement Plan (CIP). Capital improvement planning was first introduced to the DMWW budgeting process in 2015 with the development of a three-year CIP. Over the course of the last several years, capital planning has been expanded to a five-year window. The plan as presented calls for nearly \$260M in total spending with approximately \$165M in DMWW spending and an estimated \$90M from others within the region. Key elements of this most recent CIP include inclusion of a new Des Moines River Alluvial Well Field (25 million gallons per day), addition of a fourth ASR within the Des Moines water distribution system, and a 10 million gallons per day expansion of the Saylorville Water Treatment Plant, including necessary source water and transmission needs to complement the treatment expansion. Ms. Kahler discussed possible sources of funding the CIP, including water revenue, borrowing (bonding and State Revolving Fund), and a new sale of purchased capacity.

2. CEO and General Manager's Comments

Mr. Corrigan advised that Ms. Laura Sarcone was selected as the Director of Customer Service and Marketing. The Raccoon River has been identified by American Rivers as one of the 10 most endangered rivers in the nation, which has created a lot of media interest.

3. Public Comments – There were no comments from the public.

Meeting adjourned at 4:20 p.m.

**DES MOINES WATER WORKS
FINANCIAL STATEMENT COMMENTS
FOR THE MONTH ENDED March 31, 2021**

STATEMENT OF NET POSITION

Below are summaries of financial position and activity for the month of March 2021:

Summary Net Position (in millions)

	Mar 31, 2021	Dec 31, 2020
Cash	\$15.7	\$18.6
Invested Cash	5.0	5.0
Accounts Receivable	10.5	13.0
Operating Reserves	12.3	12.3
Revenue Bond Reserves	5.9	4.9
Other Assets	4.9	5.1
Fixed Assets	569.2	569.2
Less: Accumulated Depreciation	<u>(206.3)</u>	<u>(203.1)</u>
Net Fixed Assets	362.9	366.1
Construction in Progress	<u>7.6</u>	<u>5.7</u>
Total Assets	<u>424.8</u>	<u>430.5</u>
Deferred Outflows of Resources	8.0	8.0
Total Assets & Deferred Outflows of Resources	<u>432.8</u>	<u>438.5</u>
Current Liabilities	15.1	21.5
Long-Term Liabilities	52.5	52.6
Other Liabilities	<u>1.9</u>	<u>1.9</u>
Total Liabilities	69.5	76.0
Deferred Inflows of Resources	7.3	7.3
Net Position	<u>355.9</u>	<u>355.2</u>
Total Liabilities, Deferred Inflows of Resources & Net Position	<u>432.8</u>	<u>438.5</u>

STATEMENT OF EARNINGS

Summary information from the Statement of Earnings is as follows:

	March	Year to date
Operating Revenue	\$ 5.9 million	\$ 16.5 million
Operating Expenses	\$ 4.8 million	\$ 15.7 million
Other Income (Expense)	\$ (0.0) million	\$ (0.1) million
Net Earnings	\$ 1.0 million	\$ 0.7 million

The table below summarizes expenses for the period-to-date ended March 2021 and 2020:

OPERATING EXPENSES

Year-to-Date Ending March 31, 2021 and 2020

	YTD Mar 2021	% of Total	YTD Mar 2020	% of Total
Labor	\$ 4,317,788	35%	\$ 3,832,746	32%
Benefits	2,164,588	17%	2,038,790	17%
Purchased Services	2,826,489	23%	2,898,983	24%
Materials and Equipment	810,383	6%	818,571	7%
Chemicals	1,268,502	10%	1,301,387	11%
Utilities/Telephone	525,415	4%	489,008	4%
Insurance	403,657	3%	282,316	2%
Postage	75,984	1%	99,510	1%
Other	74,787	1%	112,997	1%
	\$ 12,467,593	100%	\$ 11,874,308	100%

CHANGES IN INVESTMENTS

	Change from Prior Month	Average Annual Return
Bond Reserves	\$356,256	0.13%
Operating Reserves	\$4,756	0.50%
Invested Operating Cash	\$54,207	0.03%

Comments

Pension fund investments increased by \$0.6 million for the month of March 2021. The pension fund balance as of March 31, 2021, was \$61.2 million.

PROJECT EXPENSES

Total expenditures for operating projects through March 2021 were approximately \$12.5 million or 25% of the operating budget. Overall expenditures on capital projects were approximately \$1.9 million or 8% of the capital budget.

DES MOINES WATER WORKS
Statement of Net Position
For the Period Ending March 31, 2021 and December 31, 2020

	2021	2020	Change
ASSETS			
Cash			
Petty Cash	\$ 2,900	\$ 2,900	
Interest Bearing Cash	15,720,075	18,574,544	
Total	\$ 15,722,975	\$ 18,577,444	\$ (2,854,469)
Invested Cash			
Operating			
Cash on Hand	\$ 5,000,669	\$ 17,148	
U.S. Government Securities	-	4,947,393	
Total	\$ 5,000,669	\$ 4,964,541	\$ 36,128
Accounts Receivable			
Accounts Receivable	\$ 8,059,839	\$ 10,455,389	
Accounts Receivable Unbilled	2,451,278	2,451,278	
Accrued Interest Receivable	14,209	44,966	
Total	\$ 10,525,326	\$ 12,951,633	\$ (2,426,308)
Reserves (Invested)			
Operating			
Cash On Hand	\$ 158,251	\$ 2,219,105	
U.S. Government Securities	12,097,886	10,049,749	
Total	\$ 12,256,137	\$ 12,268,854	\$ (12,717)
Revenue Bond Reserves (Invested)			
Cash on Hand	\$ 1,446,430	\$ 454,372	
U.S. Government Securities	4,429,524	4,441,998	
Total	\$ 5,875,954	\$ 4,896,370	\$ 979,583
Other Assets			
Materials in Stock Accounts	\$ 3,761,322	\$ 3,528,943	
Water Receivable Long-Term	284,604	327,217	
Prepaid Insurance	659,244	935,434	
Prepaid Expense	236,134	270,012	
Accum Unrealized Gain/(Loss) Invest	364	(2,213)	
Total	\$ 4,941,668	\$ 5,059,394	\$ (117,726)

DES MOINES WATER WORKS
Statement of Net Position
For the Period Ending March 31, 2021 and December 31, 2020

	2021	2020	Change
ASSETS-CONTINUED			
Fixed Assets			
Land & Right of Way	\$ 8,208,369	\$ 8,208,369	
Structures and Machinery	165,875,283	165,875,283	
Water Supply System	59,372,828	59,372,828	
Urbandale Booster System	509,687	509,687	
Pipelines	266,459,469	266,459,469	
Meters	31,700,015	31,700,015	
Laboratory Equipment	786,078	786,078	
Distribution Equipment	1,361,239	1,361,239	
Mobile Equipment	3,795,095	3,795,095	
Vehicles	2,968,974	2,968,974	
Office Equipment	1,341,093	1,341,093	
MIS Equipment	26,823,802	26,823,802	
Total	\$ 569,201,931	\$ 569,201,931	
Accumulated Depreciation	(206,315,488)	(203,104,998)	
Construction in Progress	\$ 7,555,866	5,691,558	
Total Fixed Assets	\$ 370,442,309	\$ 371,788,491	\$ (1,346,182)
TOTAL ASSETS	\$ 424,765,038	\$ 430,506,729	\$ (5,741,691)
DEFERRED OUTFLOWS OF RESOURCES			
Deferred Charge on Bond Refunding	\$ 515,916	\$ 515,916	
Pension Related Amounts	7,511,696	7,511,696	
Total	\$ 8,027,612	\$ 8,027,612	\$ -
TOTAL ASSETS & DEFERRED OUTFLOWS OF RESOURCES	\$ 432,792,650	\$ 438,534,341	\$ (5,741,691)

DES MOINES WATER WORKS
Statement of Net Position
For the Period Ending March 31, 2021 and December 31, 2020

	2021	2020	Change
LIABILITIES			
Current Liabilities			
Accounts Payable	\$ 586,904	\$ 2,952,917	
Construction Payables	2,929,373	7,486,462	
Salaries and Wages Payable	984,587	958,028	
Accrued Leave	3,974,240	3,974,240	
State Tax Payable	191,318	178,017	
Work Comp Reserves	449,260	449,260	
Revenue Bond Interest Payable	164,785	41,196	
Revenue Bonds Payable Current	3,832,000	3,832,000	
Deferred Revenue - Current	541,935	722,580	
Billing Service Deposits	1,409,041	907,277	
Unclaimed Refunds	11,286	9,089	
Total	\$ 15,074,729	\$ 21,511,067	\$ (6,436,338)
Long Term Liabilities			
Revenue Bond Payable	\$ 13,620,166	\$ 13,620,166	
Deferred Revenue	2,502,356	2,502,356	
Pension Liability	17,568,986	17,568,986	
Other Post-Employment Benefit Liability	18,793,745	18,793,745	
Other Non-Current Liabilities	64,306	80,925	
Total	\$ 52,549,558	\$ 52,566,178	\$ (16,620)
Other Liabilities			
Deposits by Consumers	\$ 1,901,156	\$ 1,893,792	
Project H2O	17,170	2,020	
Miscellaneous Liabilities	1,263	1,811	
Total	\$ 1,919,589	\$ 1,897,624	\$ 21,965
TOTAL LIABILITIES	\$ 69,543,876	\$ 75,974,869	\$ (6,430,992)
DEFERRED INFLOWS OF RESOURCES			
Pension Related Amounts	\$ 5,199,586	\$ 5,199,586	
Other Post-Employment Benefit Amounts	2,122,572	2,122,572	
Total	\$ 7,322,158	\$ 7,322,158	\$ -
NET POSITION	\$ 355,926,616	\$ 355,237,315	\$ 689,301
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES & NET POSITION	\$ 432,792,650	\$ 438,534,341	\$ (5,741,691)

Des Moines Water Works
Statement of Earnings and Retained Earnings
For the Month Ended March 31, 2021, the Three Months Ending March 31, 2021
and the Three Months Ending March 31, 2020

	Current Month 2021	Year-To-Date 2021	Yearly Budget 2021	Actual vs. Budget Variance	Year-To-Date 2020	Year-To-Date Current vs. Prior Year
OPERATING REVENUE						
Water Sales	\$ 5,241,423	\$ 14,981,818	\$ 68,511,078	\$ (53,529,260)	\$ 14,062,190	\$ 919,628
Sewer Services - Runnells	7,419	23,360	87,400	(64,040)	21,191	2,169
Late Fees	26,317	42,837	320,000	(277,163)	88,658	(45,821)
Billed Debt Service	199,551	598,652	2,414,693	(1,816,041)	598,428	224
Other Sales and Services	93,512	256,079	2,974,184	(2,718,105)	599,284	(343,205)
Billing Services Revenue	146,407	307,320	1,887,383	(1,580,063)	309,472	(2,152)
Land Use Revenue	30,422	56,815	245,000	(188,185)	41,319	15,496
Connection Fees	48,150	60,193	600,000	(539,807)	127,594	(67,401)
Purchase Capacity	60,215	180,645	-	180,645	179,706	939
Cash Discount and Refunds	220	713	-	713	755	(42)
Total Operating Revenues	\$ 5,853,636	\$ 16,508,432	\$ 77,039,738	\$ (60,531,306)	\$ 16,028,597	\$ 479,835
OPERATING EXPENSES						
Labor	\$ 1,276,904	\$ 4,317,788	\$ 17,143,482	\$ 12,825,694	\$ 3,832,746	\$ (485,042)
Benefits	322,629	937,317	3,839,474	2,902,157	861,628	(75,689)
Retirement Benefits	397,223	1,227,271	5,104,162	3,876,891	1,177,162	(50,109)
Postage	31,254	75,984	490,900	414,916	99,510	23,526
Telephone	22,716	58,766	285,500	226,734	60,905	2,139
Insurance	110,671	403,657	1,440,000	1,036,343	282,316	(121,341)
Casualty Loss	6,616	12,259	100,000	87,741	12,207	(52)
Loss on Bad Accounts	(2,531)	(6,693)	150,000	156,693	42,801	49,494
Purchased Services	558,634	2,826,489	9,804,921	6,978,432	2,898,983	72,494
Training	8,307	13,668	162,390	148,722	8,114	(5,554)
Materials and Equipment	346,216	810,383	3,745,252	2,934,869	818,571	8,188
Chemicals	400,770	1,268,502	5,264,024	3,995,522	1,301,387	32,885
Utilities	253,807	466,649	2,972,976	2,506,327	428,103	(38,546)
Gasoline/Fuel	21,155	55,553	235,818	180,265	49,875	(5,678)
Total Operating Expense	\$ 3,754,371	\$ 12,467,593	\$ 50,738,899	\$ 38,271,306	\$ 11,874,308	\$ (593,285)
Depreciation Expense	\$ 1,069,844	3,210,490	12,844,080	9,633,590	2,615,034	(595,456)
Net Income from Operations	1,029,421	830,349	13,456,759	(12,626,410)	1,539,255	(708,906)
Other Income (Expense) :						
Capital Contributions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions From Subdividers	-	-	-	-	-	-
Investment Income	58,841	59,462	174,290	(114,828)	36,652	22,810
Net Change - Investment Values	(61,826)	(76,921)	-	(76,921)	138,818	(215,739)
Interest Expense / Amortization	(41,196)	(123,589)	(493,583)	369,994	(149,879)	26,290
Gain/Loss on Fixed Assets	-	-	-	-	-	-
Other Income/Expense	-	-	-	-	-	-
Other Income (Expense), net	\$ (44,181)	\$ (141,048)	\$ (319,293)	\$ 178,245	\$ 25,591	\$ (166,639)
Net Earnings	<u>\$ 985,240</u>	<u>\$ 689,301</u>	<u>\$ 13,137,466</u>	<u>\$ (12,448,165)</u>	<u>\$ 1,564,846</u>	<u>\$ (875,545)</u>
Retained Earnings, January 1		\$ 355,237,315			\$ 329,461,785	
Ending Retained Earnings		<u>\$ 355,926,616</u>			<u>\$ 331,026,631</u>	

**DES MOINES WATER WORKS
STATEMENT OF INVESTMENT CHANGES
FOR THE MONTH ENDED MARCH 31, 2021**

BOND RESERVES

	Balance at 2/28/2021	Additions	Deductions	Balance at 3/31/2021
Cash on Hand	\$1,085,878	360,552	-	\$1,446,430
U.S. Government Securities	4,433,821	-	4,297	4,429,524
Total Bond Reserves	\$5,519,698	\$360,552	\$4,297	\$5,875,954

The average annual interest earned was 0.13%.

INVESTED RESERVES

	Balance at 2/28/2021	Additions	Deductions	Balance at 3/31/2021
Operating				
Cash on Hand	\$145,748	12,503	-	\$158,251
U.S. Government Securities	12,105,633	-	7,747	12,097,886
Total Invested Reserves	\$12,251,381	\$12,503	\$7,747	\$12,256,137

The average annual interest earned was 0.50%.

INVESTED OPERATING CASH

	Balance at 2/28/2021	Additions	Deductions	Balance at 3/31/2021
Operating				
Cash on Hand	\$17,137	4,983,532	-	\$5,000,669
U.S. Government Securities	4,929,324	-	4,929,324	0
Total Invested Reserves	\$4,946,462	\$4,983,532	\$4,929,324	\$5,000,669

The average annual interest earned was 0.03%.

**DES MOINES WATER WORKS
STATEMENT OF INVESTMENT CHANGES
YEAR TO DATE 2021**

PENSION FUND

	Balance 1/1/2021	Transfers, Expenses & Deposits	Benefit Payments	Investment Return	Balance at 3/31/2021	YTD % Return
<i>Fixed Income</i>						
Mellon Capital Mgmt - Bond Market Index	6,969,733	38,265	(865,405)	(219,538)	5,923,055	-3.42%
Neuberger Berman / Mellon / DDJ - High Yield I	2,434,418	14,832		20,443	2,469,693	0.83%
Principal Global Investors - Income	20,926,821	114,795	3,374	(725,204)	20,319,785	-3.46%
<i>Large U.S. Equity</i>						
Principal Global Investors - Equity Income	6,706,117	40,416		499,565	7,246,098	7.45%
Principal Global Investors - Large Cap S&P 500 Index	4,049,150	24,472		246,924	4,320,547	6.09%
T. Rowe Price / Brown Advisory - Large Cap Growth	6,696,765	40,416		66,531	6,803,712	0.99%
<i>Small/Mid U.S. Equity</i>						
Robert Baird / Eagle Asset Mgmt - Mid Cap Growth III	991,613	5,933		(1,027)	996,518	-0.10%
DFA / Vaughan Nelson / LA Capital - Small Cap Value II	488,129	2,966		93,209	584,304	19.09%
AB / Brown / Emerald - Small Cap Growth I	494,522	2,966		13,641	511,130	2.76%
LA Capital Mgmt / Victory - Mid Cap Value I	979,917	5,933		153,432	1,139,282	15.66%
<i>International Equity</i>						
Causeway / Barrow Hanley - Overseas	2,666,330	16,315		212,737	2,895,382	7.97%
Principal Global Investors / DFA - International Small Cap	1,792,775	10,753		85,707	1,889,235	4.78%
Principal Global Investors - Diversified International	4,069,158	24,472		125,763	4,219,393	3.09%
Origin Asset Management LLP - Origin Emerging Markets	1,792,680	10,753		97,421	1,900,854	5.43%
Total Principal Financial	\$ 61,058,128	\$ 353,286	\$ (862,031)	\$ 669,604	\$ 61,218,987	1.11%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

		Yearly Budget	Budget Adjustment /	Net Yearly 2021	Variance	% of Budget
	YTD Actual	2021	Carry Over	Budget		
Operating						
	Office of the CEO/General Manager	\$381,961	\$1,455,957	\$0	\$1,455,957	\$1,073,996 26%
	Customer Service	\$1,001,874	\$4,798,359	\$0	\$4,798,359	\$3,796,485 21%
	Engineering	\$474,865	\$2,260,408	\$0	\$2,260,408	\$1,785,543 21%
	Finance	\$1,203,485	\$4,549,037	\$0	\$4,549,037	\$3,345,552 26%
	Human Resources	\$177,721	\$750,326	\$0	\$750,326	\$572,605 24%
	Information Technology	\$910,033	\$3,062,908	\$0	\$3,062,908	\$2,152,875 30%
	Office of the Chief Operating Officer	\$1,672,983	\$3,259,666	\$0	\$3,259,666	\$1,586,683 51%
	Water Distribution	\$2,160,168	\$8,996,648	\$0	\$8,996,648	\$6,836,480 24%
	Water Production	\$4,484,504	\$21,605,590	\$0	\$21,605,590	\$17,121,086 21%
	Total Operating	\$12,467,593	\$50,738,899	\$0	\$50,738,899	\$38,271,305 25%
Capital						
	Office of the CEO/General Manager	\$0	\$0	\$0	\$0	\$0 No Budget
	Customer Service	\$245,798	\$1,361,003	\$0	\$1,361,003	\$1,115,205 18%
	Engineering	\$1,298,186	\$19,924,726	\$0	\$19,924,726	\$18,626,540 7%
	Finance	\$0	\$0	\$0	\$0	\$0 No Budget
	Human Resources	\$0	\$0	\$0	\$0	\$0 No Budget
	Information Technology	\$19,069	\$280,463	\$0	\$280,463	\$261,394 7%
	Office of the Chief Operating Officer	\$0	\$0	\$0	\$0	\$0 No Budget
	Water Distribution	\$111,031	\$1,162,040	\$0	\$1,162,040	\$1,051,009 10%
	Water Production	\$198,420	\$1,779,342	\$0	\$1,779,342	\$1,580,922 11%
	Total Capital	\$1,872,504	\$24,507,575	\$0	\$24,507,574	\$22,635,070 8%
Total Project Costs		\$14,340,098	\$75,246,474	\$0	\$75,246,474	\$60,906,375 19%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Office of the CEO/General Manager

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
950-200	New Business, Community & Economic Dev	\$51,566	\$78,289	\$0	\$78,289	\$26,723	66%
996-001	CEO Department Administration	\$151,138	\$342,684	\$0	\$342,684	\$191,546	44%
996-030	Board Activities	\$104,216	\$603,538	\$0	\$603,538	\$499,322	17%
996-200	Business Strategies	\$27,732	\$225,840	\$0	\$225,840	\$198,108	12%
996-210	Project Management	\$24,423	\$50,276	\$0	\$50,276	\$25,853	49%
995-010	Public Policy - WS Advocate	\$22,887	\$155,330	\$0	\$155,330	\$132,443	15%
Total Operating		\$381,961	\$1,455,957	\$0	\$1,455,957	\$1,073,996	26%
OCEO Capital							
Total Capital		\$0	\$0	\$0	\$0	\$0	\$0
Total Office of CEO/General Manager		\$381,961	\$1,455,957	\$0	\$1,455,957	\$1,073,996	26%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Customer Service

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
950-001	Cust Svc Dept Administration	\$438,856	\$2,048,002	\$0	\$2,048,002	\$1,609,146	21%
950-100	Contact Center Operations	\$251,190	\$1,176,578	\$0	\$1,176,578	\$925,388	21%
950-300	Communications/PR	\$27,390	\$202,081	\$0	\$202,081	\$174,691	14%
950-600	Field Customer Service	\$284,439	\$1,371,698	\$0	\$1,371,698	\$1,087,259	21%
	Total Operating	\$1,001,874	\$4,798,359	\$0	\$4,798,359	\$3,796,485	21%
Capital							
955-060	Field Cust Svc Capital	\$241,149	\$1,361,003	\$0	\$1,361,003	\$1,119,854	18%
925-160	Radio Frequency Project	\$4,649	\$0	\$0	\$0	(\$4,649)	No Budget
	Total Capital	\$245,798	\$1,361,003	\$0	\$1,361,003	\$1,115,205	18%
Total Customer Service		\$1,247,672	\$6,159,362	\$0	\$6,159,362	\$4,911,690	20%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Engineering

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
940-001	Engineering Dept Administration	\$449,298	\$1,558,508	\$0	\$1,558,508	\$1,109,210	29%
940-010	Engineering Studies	\$25,566	\$701,900	\$0	\$701,900	\$676,334	4%
	Total Operating	\$474,865	\$2,260,408	\$0	\$2,260,408	\$1,785,543	21%
Capital							
945-010	Facility Management	\$109,704	\$3,106,382	\$0	\$3,106,382	\$2,996,678	4%
945-080	WMR - Des Moines	\$78,973	\$5,575,711	\$0	\$5,575,711	\$5,496,738	1%
945-090	WMR - Polk County	\$2,483	\$3,263,490	\$0	\$3,263,490	\$3,261,007	0%
945-095	WMR - Windsor Heights	\$1,243	\$15,000	\$0	\$15,000	\$13,757	8%
945-100	WMR - Pleasant Hill	\$361,000	\$1,791,323	\$0	\$1,791,323	\$1,430,323	20%
945-180	Raw Water McMullen	\$20,623	\$745,373	\$0	\$745,373	\$724,750	3%
945-200	Development Plan Review & Inspection	\$57,520	\$364,007	\$0	\$364,007	\$306,487	16%
945-210	Core Network Feeder Mains	\$2,137	\$0	\$0	\$0	(\$2,137)	No Budget
945-220	Fleur Drive Treatment Plant	\$106,704	\$4,342,203	\$0	\$4,342,203	\$4,235,499	2%
945-225	McMullen Treatment Plant	\$0	\$0	\$0	\$0	\$0	No Budget
945-228	Saylorville Water Treatment Plant	\$1,495	\$658,657	\$0	\$658,657	\$657,162	0%
945-230	Remote Facilities - Pumping & Storage	\$3,853	\$0	\$0	\$0	(\$3,853)	No Budget
945-235	Joint NW Storage, PS and Feeder Mains	\$221,903	\$33,162	\$0	\$33,162	(\$188,741)	669%
945-245	Joint SW Storage, PS and Feeder Mains	\$329,107	\$29,418	\$0	\$29,418	(\$299,689)	1119%
945-250	Waukee-Xenia Feeder Main & Pump Station	\$1,440	\$0	\$0	\$0	(\$1,440)	No Budget
	Total Capital	\$1,298,186	\$19,924,726	\$0	\$19,924,726	\$18,626,540	7%
Total Engineering		\$1,773,050	\$22,185,134	\$0	\$22,185,134	\$20,412,084	8%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Finance

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
930-001	Finance Dept Administration	\$380,145	\$1,153,596	\$0	\$1,153,596	\$773,451	33%
930-010	Financial Services	\$528,865	\$2,097,598	\$0	\$2,097,598	\$1,568,733	25%
930-090	Purchasing	\$23,485	\$83,661	\$0	\$83,661	\$60,176	28%
950-410	A/R Management	\$182,014	\$887,746	\$0	\$887,746	\$705,732	21%
970-010	Central Stores	\$28,647	\$126,437	\$0	\$126,437	\$97,790	23%
970-500	GDMBG Operations and Maintenance	\$60,329	\$199,999	\$0	\$199,999	\$139,670	30%
	Total Operating	\$1,203,485	\$4,549,037	\$0	\$4,549,037	\$3,345,552	26%
Capital							
955-090	Pmt/Mail Processing Capital	\$0	\$0	\$0	\$0	\$0	No Budget
	Total Capital	\$0	\$0	\$0	\$0	\$0	No Budget
Total Finance		\$1,203,485	\$4,549,037	\$0	\$4,549,037	\$3,345,552	26%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Human Resources

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
910-001	HR Dept Administration	\$62,154	\$274,771	\$0	\$274,771	\$212,617	23%
910-010	Employee Relations	\$52,328	\$237,733	\$0	\$237,733	\$185,405	22%
910-060	Employment	\$14,006	\$52,765	\$0	\$52,765	\$38,759	27%
910-110	Compensation/Benefits	\$36,827	\$126,168	\$0	\$126,168	\$89,341	29%
910-150	Employee Learning & Growth	\$12,406	\$58,889	\$0	\$58,889	\$46,483	21%
Total Operating		\$177,721	\$750,326	\$0	\$750,326	\$572,605	24%
Capital							
Total Capital		\$0	\$0	\$0	\$0	\$0	No Budget
Total Human Resources		\$177,721	\$750,326	\$0	\$750,326	\$572,605	24%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Information Technology

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
920-001	IT Dept Administration	\$147,895	\$727,515	\$0	\$727,515	\$579,620	20%
920-160	Technical Services	\$41,168	\$277,674	\$0	\$277,674	\$236,506	15%
920-240	IT Development & Application Svcs	\$5,215	\$67,756	\$0	\$67,756	\$62,541	8%
920-250	IT Services	\$568,082	\$1,218,308	\$0	\$1,218,308	\$650,226	47%
920-350	System Services	\$147,673	\$771,655	\$0	\$771,655	\$623,982	19%
	Total Operating	\$910,033	\$3,062,908	\$0	\$3,062,908	\$2,152,875	30%
Capital							
925-010	Info Systems Capital	\$19,069	\$280,463	\$0	\$280,463	\$261,394	7%
	Total Capital	\$19,069	\$280,463	\$0	\$280,463	\$261,394	7%
Total Information Technology		\$929,102	\$3,343,371	\$0	\$3,343,371	\$2,414,269	28%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Office of the Chief Operating Officer

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
993-000	OCOO Dept Administration	\$18,356	\$51,859	\$0	\$51,859	\$33,503	35%
960-510	Risk & Incident Management	\$130,322	\$846,150	\$0	\$846,150	\$715,828	15%
910-240	Safety	\$55,042	\$250,570	\$0	\$250,570	\$195,528	22%
970-060	Grounds Maintenance	\$110,183	\$752,006	\$0	\$752,006	\$641,823	15%
	Department Operating	\$313,902	\$1,900,585	\$0	\$1,900,585	\$1,586,683	17%
960-511	Flood Response & Repairs	\$0	\$0	\$0	\$0	\$0	No Budget
970-060	Grounds Maintenance - PILOT	\$1,359,081	\$1,359,081	\$0	\$1,359,081	\$0	100%
	Total Operating	\$1,672,983	\$3,259,666	\$0	\$3,259,666	\$1,586,683	51%
Capital							
	Total Capital	\$0	\$0	\$0	\$0	\$0	No Budget
Total Office of the COO		\$1,672,983	\$3,259,666	\$0	\$3,259,666	\$1,586,683	51%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Water Distribution

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
960-001	Water Dist Dept Administration	\$951,835	\$3,878,675	\$0	\$3,878,675	\$2,926,840	25%
960-010	Distribution Administration	\$32,267	\$109,662	\$0	\$109,662	\$77,395	29%
960-100	Dist System Maint/Repairs	\$759,396	\$2,881,596	\$0	\$2,881,596	\$2,122,200	26%
960-160	Water Distribution Support	\$103,992	\$540,292	\$0	\$540,292	\$436,300	19%
960-180	Leak Detection	\$169,093	\$679,311	\$0	\$679,311	\$510,218	25%
960-250	Distribution Billed Services	\$76,942	\$689,034	\$0	\$689,034	\$612,092	11%
960-500	Distribution Water Quality	\$66,643	\$218,078	\$0	\$218,078	\$151,435	31%
	Total Operating	\$2,160,168	\$8,996,648	\$0	\$8,996,648	\$6,836,480	24%
Capital							
965-010	Distribution System Improvements	\$106,150	\$1,134,340	\$0	\$1,134,340	\$1,028,190	9%
965-025	Dist Billed Services Capital	\$0	\$19,300	\$0	\$19,300	\$19,300	0%
965-200	Leak Detection Equipment	\$4,881	\$8,400	\$0	\$8,400	\$3,519	58%
	Total Capital	\$111,031	\$1,162,040	\$0	\$1,162,040	\$1,051,009	10%
Total Water Distribution		\$2,271,199	\$10,158,688	\$0	\$10,158,688	\$7,887,489	22%

DES MOINES WATER WORKS
Project Costs by Department - Summary
Year to Date ended March 31, 2021
25% of Year Completed

Water Production

		YTD Actual	Yearly Budget 2021	Budget Adjustment / Carry Over	Net Yearly 2021 Budget	Variance	% of Budget
Operating							
970-110	Facility Maintenance	\$120,847	\$579,077	\$0	\$579,077	\$458,230	21%
970-200	Vehicle Maintenance	\$208,990	\$1,031,156	\$0	\$1,031,156	\$822,166	20%
970-360	Communication Sys Maintenance	\$4,096	\$48,222	\$0	\$48,222	\$44,126	8%
970-450	HVAC Operations & Maintenance	\$37,101	\$136,347	\$0	\$136,347	\$99,246	27%
980-001	Water Production Dept Admin	\$951,212	\$3,837,608	\$0	\$3,837,608	\$2,886,396	25%
980-010	Water Production Operations	\$262,584	\$1,053,107	\$0	\$1,053,107	\$790,523	25%
980-020	Fleur Treatment Chem/Energy	\$1,380,272	\$5,771,359	\$0	\$5,771,359	\$4,391,087	24%
980-030	McMullen Treatment Chem/Energy	\$317,245	\$3,059,618	\$0	\$3,059,618	\$2,742,373	10%
980-040	Saylorville Treatment Chem/Energy	\$181,957	\$1,025,131	\$0	\$1,025,131	\$843,174	18%
980-200	Fleur Plant Maintenance	\$385,126	\$1,823,563	\$0	\$1,823,563	\$1,438,437	21%
980-250	McMullen Plant Maintenance	\$96,657	\$519,243	\$0	\$519,243	\$422,586	19%
980-300	Saylorville Plant Maintenance	\$124,134	\$519,067	\$0	\$519,067	\$394,933	24%
980-350	WP Maintenance Oversight	\$36,703	\$208,270	\$0	\$208,270	\$171,567	18%
980-410	Louise P. Moon Pumping & Maint.	\$75,860	\$512,756	\$0	\$512,756	\$436,896	15%
980-420	PC PS Maintenance	\$30,457	\$150,142	\$0	\$150,142	\$119,685	20%
980-430	DM Remote Storage & Pumping	\$120,246	\$631,990	\$0	\$631,990	\$511,744	19%
980-500	Routine Laboratory Monitoring	\$95,568	\$398,120	\$0	\$398,120	\$302,552	24%
980-520	Microbiology Program	\$41,281	\$165,370	\$0	\$165,370	\$124,089	25%
980-530	Source Water Quality	\$14,166	\$135,444	\$0	\$135,444	\$121,278	10%
	Total Operating	\$4,484,504	\$21,605,590	\$0	\$21,605,590	\$17,121,086	21%
Capital							
985-010	Water Production Reinvestment	\$88,556	\$964,427	\$0	\$964,427	\$875,871	9%
975-010	Vehicle Capital	\$109,864	\$814,915	\$0	\$814,915	\$705,051	13%
	Total Capital	\$198,420	\$1,779,342	\$0	\$1,779,342	\$1,580,922	11%
Total Water Production		\$4,682,924	\$23,384,932	\$0	\$23,384,932	\$18,702,008	20%

Consent Agenda
Item 1-C

MONTHLY SCHEDULE FOR THE MONTH OF MARCH 2021

ACCOUNTS PAYABLE MONTHLY SCHEDULE	Weekly Check Runs	6,922,664.88
EMPLOYEE PAYROLL	Bi Weekly Payrolls	<u>781,372.76</u>
TOTAL		<u><u>\$7,704,037.64</u></u>

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
1672	Treasurer State of Iowa	Iowa State Sales Tax Payable	\$64,918.00
1682	Treasurer State of Iowa	Iowa State Sales Tax Payable	67,984.00
1686	Treasurer State of Iowa	Iowa Water Excise Tax Payable	75,258.00
1693	Treasurer State of Iowa	Iowa Water Excise Tax Payable	98,129.00
30521	Des Moines Water Works Credit Union	Credit Union Payable	34,957.00
31921	Des Moines Water Works Credit Union	Credit Union Payable	35,035.00
33121	Discovery Benefits	Flex Spending - Reimbursements	3,284.04
210305	Principal Life Insurance	Deferred Compensation Payable	57,726.59
210319	Principal Life Insurance	Deferred Compensation Payable	75,382.63
249133	ADP, LLC	Purchased Services	8,316.00
251841	Master Single Payment Vendor	Refunds	16.53
251842	Master Single Payment Vendor	Refunds	135.11
251843	Master Single Payment Vendor	Refunds	93.04
251844	Master Single Payment Vendor	Refunds	53.48
251845	Master Single Payment Vendor	Refunds	58.57
251846	Master Single Payment Vendor	Refunds	135.40
251847	Master Single Payment Vendor	Refunds	12.18
251848	Master Single Payment Vendor	Refunds	22.12
251849	Master Single Payment Vendor	Refunds	6.48
251850	Master Single Payment Vendor	Refunds	7.60
251851	Master Single Payment Vendor	Refunds	911.00
251852	Master Single Payment Vendor	Refunds	50.46
251853	Master Single Payment Vendor	Refunds	78.05
251854	Master Single Payment Vendor	Refunds	98.19
251855	Master Single Payment Vendor	Refunds	27.07
251856	Master Single Payment Vendor	Refunds	110.00
251857	Master Single Payment Vendor	Refunds	88.39
251858	Master Single Payment Vendor	Refunds	98.57
251859	Master Single Payment Vendor	Refunds	178.44
251860	Master Single Payment Vendor	Refunds	787.40
251861	Master Single Payment Vendor	Refunds	35.00
251862	Master Single Payment Vendor	Refunds	35.60
251863	Master Single Payment Vendor	Refunds	47.48
251864	Master Single Payment Vendor	Refunds	118.13
251865	Master Single Payment Vendor	Refunds	9.27
251866	Master Single Payment Vendor	Refunds	135.41
251867	Master Single Payment Vendor	Refunds	57.27
251868	Voided Check		0.00
251869	Master Single Payment Vendor	Refunds	106.18
251870	Master Single Payment Vendor	Refunds	40.86
251871	Master Single Payment Vendor	Refunds	84.27
251872	Master Single Payment Vendor	Refunds	1,638.00
251873	Master Single Payment Vendor	Refunds	138.45
251874	Master Single Payment Vendor	Refunds	127.99
251875	Master Single Payment Vendor	Refunds	91.93
251876	Master Single Payment Vendor	Refunds	112.20
251877	Master Single Payment Vendor	Refunds	133.13
251878	Master Single Payment Vendor	Refunds	86.34
251879	Master Single Payment Vendor	Refunds	110.02
251880	Master Single Payment Vendor	Refunds	119.89
251881	Master Single Payment Vendor	Refunds	104.67
251882	Master Single Payment Vendor	Refunds	33.52
251883	Master Single Payment Vendor	Refunds	168.88
251884	Master Single Payment Vendor	Refunds	59.07
251885	Master Single Payment Vendor	Refunds	98.23
251886	Voided Check		0.00
251887	Master Single Payment Vendor	Refunds	80.00

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
251888	AFSCME	Union Dues Payable	72.42
251889	Acme Tools	Inventory	334.82
251890	Airgas North Central	Inventory	1,072.43
251891	Amazon Capital Services Inc	Materials & Supplies	746.25
251892	American Toppers/Line-X	Vehicle Maintenance Materials	479.00
251893	Baker Group	Purchased Services	1,840.40
251894	Bob Brown Chevrolet, Inc.	Vehicle Maintenance Materials	136.48
251895	Bret Percy	Safety Boots	61.97
251896	CTI Ready Mix	Concrete	2,380.00
251897	Canon Financial Services INC	Printing & Copies	1,080.78
251898	Capital Sanitary Supply	Inventory	1,469.76
251899	Carquest	Vehicle Maintenance Materials	653.00
251900	Carrie Wolfe	Dues and Memberships	170.00
251901	Central Iowa Pest Control	Purchased Services	428.00
251902	Central Service & Supply, Inc.	Purchased Services	340.00
251903	CenturyLink	Telephone Services	56.61
251904	City Supply Corporation	Materials & Supplies	191.06
251905	Commercial Bag & Supply Co	Inventory	303.00
251906	Construction & Aggregate Products, Inc.	Vehicle Maintenance Materials	436.32
251907	Copycat Printing	Printing & Copies	371.28
251908	Cortrol Process Systems	Inventory	846.72
251909	DXP	Inventory	502.21
251910	Dex Media	Advertising	68.26
251911	Douglas K. Oscarson	Consultants	1,776.00
251912	Dultmeier Sales LLC	Inventory	118.67
251913	Electrical Engineering & Equipment Co.	Materials & Supplies	196.83
251914	Environmental Resource Assoc.	Materials & Supplies	1,047.32
251915	Factory Motor Parts Company	Vehicle Maintenance Materials	1,488.10
251916	Fastenal Company	Materials & Supplies	355.23
251917	Fire Hose Direct	Inventory	225.16
251918	First Choice Coffee	Food & Beverages	128.00
251919	Fisher Scientific	Materials & Supplies	1,167.07
251920	Grainger, Inc.	Inventory	338.35
251921	Graybar Electric Company	Inventory	388.40
251922	Greater Des Moines Botanical Gardens	Purchased Services	975.00
251923	Home City Ice	Park Materials	198.00
251924	Illinois Mutual & Life Casualty Company	Insurance Withholding	17.81
251925	Industrial Scientific Corporation	Dues and Memberships	2,315.03
251926	Ingersoll Rand	Inventory	263.46
251927	Iowa Department of Natural Resources	Maintenance Contracts	65.00
251928	Iowa Department of Natural Resources	Maintenance Contracts	65.00
251929	Iowa Department of Natural Resources	Maintenance Contracts	65.00
251930	Iowa Department of Natural Resources	Maintenance Contracts	65.00
251931	Iowa Department of Natural Resources	Purchased Services	361.50
251932	Iowa Prison Industries	Materials & Supplies	24.00
251933	Joseph Cook	Safety Boots	115.55
251934	Larry's Window Service, Inc.	Purchased Services	120.00
251935	MSC Industrial Supply Company	Inventory	179.28
251936	McMaster-Carr Supply Company	Inventory	749.53
251937	Mellen & Associates	Inventory	321.37
251938	Menard's	Materials & Supplies	366.82
251939	Michael Argenta	Licenses & Certifications	50.00
251940	Mickinen Miller	Dues and Memberships	50.00
251941	Mid American Energy	Utilities - Electric & Natural Gas	1,319.30
251942	Midwest Indoor Air Quality, LLC	Purchased Services	400.00
251943	Midwest Office Technology, Inc.	Printing & Copies	894.78
251944	Midwest Wheel Companies	Vehicle Maintenance Materials	67.11

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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251945	Murphy Tractor & Equipment	Materials & Supplies	2,240.99
251946	Nichols Equipment LLC	Vehicle Maintenance Materials	159.25
251947	One Source	Purchased Services	105.00
251948	P & P Small Engines, Inc.	Materials & Supplies	8.99
251949	Plate Locks	Inventory	2,199.14
251950	Plumb Supply Company	Materials & Supplies	863.81
251951	Polk County Public Works Dept	Purchased Services	155.00
251952	Premier Safety	Inventory	590.11
251953	Ramco Innovations	Materials & Supplies	1,872.54
251954	Servicemaster Commercial Carpet, Inc.	Purchased Services	541.00
251955	Springer Pest Solutions DSM	Purchased Services	131.95
251956	Stivers	Purchased Services	1,182.99
251957	Storey-Kenworthy Company	Office Supplies	334.97
251958	Strauss Security Solutions	Purchased Services	1,226.66
251959	Tension Envelope Corporation	Inventory	2,122.50
251960	Tim Hildreth Company, Inc.	Purchased Services	629.00
251961	Total Tool	Inventory	217.30
251962	Trane US, Inc.	Materials & Supplies	84.76
251963	Truck Center Companies	Vehicle Maintenance Materials	234.42
251964	UPS	Delivery/Freight	67.92
251965	USA Bluebook	Inventory	2,178.06
251966	USA Safety Supply Corp	Inventory	23.33
251967	United States Plastic Corporation	Inventory	193.39
251968	Utility Equipment Company	Inventory	250.00
251969	Van Meter Industrial, Inc.	Materials & Supplies	60.64
251970	Veenstra & Kimm, Inc.	Contractors	455.00
251971	Vessco	Inventory	261.68
251972	Warren Water District	Purchased Services	1,653.60
251973	Waste Management of Iowa Inc.	Purchased Services	1,088.10
251974	Waste Solutions of Iowa	Purchased Services	1,428.00
251975	Wayne Dalton of Central Iowa	Purchased Services	196.50
251976	Xpedx	Inventory	813.60
251977	AFSCME Local 3861-3	Union Dues Payable	2,634.43
251978	Air Products	Inventory	5,666.36
251979	Analytical Technology	Materials & Supplies	2,914.92
251980	B & C Commercial Cleaning L.C.	Purchased Services	4,600.00
251981	Bankers Trust Company	Corporate Credit Card	10,875.49
251982	Bonnie's Barricades	Contractors	5,598.05
251983	Chemtrade Chemicals US LLC	Inventory	15,407.00
251984	Cintas	Purchased Services	2,601.12
251985	City of Alleman	Alleman Payable	6,276.52
251986	City of Cumming	Billing Service Revenue	4,115.76
251987	City of Des Moines	Contracts Payable	2,081,863.35
251988	City of Pleasant Hill	Billing Service Revenue	207,102.77
251989	City of Runnells	Billing Service Revenue	5,067.06
251990	City of Windsor Heights	Billing Service Revenue	51,597.82
251991	Dixie Petro-Chem, Inc.	Inventory	6,827.27
251992	FCS Group Inc	Consultants	22,235.00
251993	Greater Des Moines Partnership	Materials & Supplies	50,000.00
251994	Greenfield Plaza Sanitary Sewer	Billing Service Revenue	24,616.94
251995	Hach Chemical Company	Inventory	2,721.56
251996	Hawkins Water Treatment Group	Inventory	12,988.49
251997	HomeServe USA	Billing Service Revenue	181,998.53
251998	IP Pathways, LLC	Data Processing Equipment	8,144.50
251999	JMT Trucking	Contractors	10,947.96
252000	Keck, Energy	Inventory	22,590.64
252001	Kemira Water Solutions, Inc	Inventory	6,257.20

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
252002	MW Media Consultants, LLC	Consultants	4,000.00
252003	Mail Services LLC	Postage	8,466.85
252004	Mississippi Lime Company	Inventory	50,386.84
252005	Municipal Supply, Inc.	Inventory	3,232.40
252006	Ottson Oil Company	Vehicle Maintenance Materials	4,544.88
252007	Polk County	Billing Service Revenue	44,719.38
252008	Polk County Treasurer	Billing Service Revenue	23,131.11
252009	Pratum, Inc	Purchased Services	7,050.00
252010	Softing Inc	Inventory	4,864.00
252011	Step Saver Inc	Inventory	19,700.00
252012	Synagro Central, LLC	Contractors	96,044.04
252013	Team Services, Inc.	Contractors	2,918.32
252014	Torgerson Excavating	Plumbing	2,600.00
252015	Urbandale/Windsor Heights Sanitary Dist	Billing Service Revenue	35,856.79
252016	Voya Financial	Insurance Withholding	10,050.05
252017	Waldinger Corporation	Purchased Services	4,321.42
252018	Woodland Lake Estate Association	Woodland Lakes Estates Payable	3,610.69
252019	Acme Tools	Inventory	199.00
252020	Agriland FS, Inc	Materials & Supplies	1,058.53
252021	Airgas North Central	Inventory	76.85
252022	Amazon Capital Services Inc	Materials & Supplies	1,503.36
252023	Baldwin Supply Company	Inventory	880.52
252024	Barr Engineering Company	Contractors	109.50
252025	Blackburn Manufacturing Company	Inventory	210.74
252026	CDW	Materials & Supplies	725.00
252027	Capital Sanitary Supply	Inventory	182.90
252028	CenturyLink	Telephone Services	226.45
252029	Cintas	Purchased Services	2,448.12
252030	City Supply Corporation	Materials & Supplies	259.44
252031	Commercial Bag & Supply Co	Inventory	119.40
252032	Construction & Aggregate Products, Inc.	Materials & Supplies	307.52
252033	Copy Systems, Inc.	Printing & Copies	153.44
252034	Copycat Printing	Printing & Copies	227.60
252035	DXP	Inventory	277.46
252036	Data Source Media	Inventory	623.75
252037	Dennis Ryan	Safety Boots	118.75
252038	Des Moines Iron Company	Materials & Supplies	659.93
252039	Douglas K. Oscarson	Consultants	1,776.00
252040	Dultmeier Sales LLC	Inventory	36.03
252041	Master Single Payment Vendor	Refunds	200.00
252042	Electrical Engineering & Equipment Co.	Inventory	1,835.25
252043	Endress and Hauser	Materials & Supplies	402.00
252044	Factory Motor Parts Company	Vehicle Maintenance Materials	588.72
252045	Fastenal Company	Inventory	41.62
252046	First Choice Coffee	Food & Beverages	234.10
252047	Fisher Scientific	Materials & Supplies	451.14
252048	Garratt-Callahan Company	Purchased Services	500.00
252049	Grainger, Inc.	Materials & Supplies	1,968.06
252050	Graybar Electric Company	Inventory	1,304.47
252051	Hach Chemical Company	Inventory	333.13
252052	Hawkins Water Treatment Group	Inventory	286.00
252053	Home City Ice	Park Materials	156.75
252054	I'll Do It	Casualty Losses	1,075.00
252055	IP Pathways, LLC	Data Processing Equipment	1,959.46
252056	Image Solutions	Materials & Supplies	69.80
252057	Indelco Plastics	Inventory	104.58
252058	Voided Check		0.00

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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252059	Iowa Division of Labor Services	Purchased Services	575.00
252060	Iowa Prison Industries	Materials & Supplies	12.00
252061	Iowa Public Radio	Advertising	887.20
252062	KONE Inc	Purchased Services	118.15
252063	Lawson Products, Inc.	Inventory	53.16
252064	Liberty Tire Recycling Services Iowa	Purchased Services	240.65
252065	MSC Industrial Supply Company	Materials & Supplies	107.48
252066	McMaster-Carr Supply Company	Inventory	449.93
252067	Mellen & Associates	Materials & Supplies	1,026.00
252068	Menard's	Materials & Supplies	251.91
252069	Michael Argenta	Safety Glasses	20.28
252070	Mid Country Machinery, Inc.	Purchased Services	2,427.00
252071	Midwest Office Technology, Inc.	Printing & Copies	819.60
252072	Murphy Tractor & Equipment	Vehicle Maintenance Materials	291.74
252073	Napa Auto Parts	Vehicle Maintenance Materials	2,133.51
252074	National Safety Council	Dues and Memberships	760.00
252075	Nite Owl Printing	Printing & Copies	1,972.00
252076	Master Single Payment Vendor	Refunds	1,710.81
252077	Plumb Supply Company	Inventory	568.62
252078	Premier Safety	Inventory	534.38
252079	Protex Central, Inc.	Purchased Services	1,708.00
252080	Reliable Maintenance Company	Purchased Services	2,100.00
252081	Reppert Rigging & Hauling Co.	Contractors	400.00
252082	Revenue Advantage	Purchased Services	950.00
252083	Scott Manning	Materials & Supplies	126.16
252084	Smith's Sewer Service Inc.	Purchased Services	90.95
252085	Snyder & Associates, Inc.	Contractors	1,388.60
252086	Stanley Consultants	Contractors	225.17
252087	Star Equipment, Ltd.	Contractors	108.00
252088	State Hygienic Laboratory	Purchased Services	1,333.00
252089	Steffen Truck Equipment Inc.	Vehicle Maintenance Materials	1,468.05
252090	Stetson Building Products	Materials & Supplies	1,037.78
252091	Sweco/Pearson Arnold	Inventory	1,467.20
252092	Telelanguage, Inc	Purchased Services	845.35
252093	Tension Envelope Corporation	Inventory	1,464.80
252094	The Walling Company	Materials & Supplies	503.00
252095	Todd Monson	Safety Boots	140.97
252096	Tompkins Industries, Inc.	Inventory	587.77
252097	Total Tool	Inventory	85.38
252098	UPS	Delivery/Freight	27.17
252099	USA Safety Supply Corp	Inventory	106.79
252100	United Power & Battery	Contractors	2,099.00
252101	United Rental Trench Safety	Contractors	2,145.80
252102	United States Plastic Corporation	Inventory	119.40
252103	Utility Equipment Company	Inventory	1,335.13
252104	Van Meter Industrial, Inc.	Inventory	43.90
252105	Van-Wall Group	Vehicle Maintenance Materials	553.16
252106	Vessco	Inventory	1,376.50
252107	Waste Management of Iowa Inc.	Purchased Services	275.00
252108	Wigen Companies, Inc	Inventory	611.25
252109	Air Products	Inventory	5,747.10
252110	Baker Group	Purchased Services	7,220.89
252111	Bonnie's Barricades	Contractors	3,021.95
252112	CTI Ready Mix	Concrete	9,860.00
252113	CarbPure	Inventory	26,965.40
252114	Carus Chemical	Inventory	15,756.52
252115	Chemtrade Chemicals US LLC	Inventory	15,072.20

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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252116	City of Des Moines	Contractors	3,575.00
252117	Dixie Petro-Chem, Inc.	Inventory	13,615.99
252118	DuBois Chemicals, INC	Inventory	10,630.05
252119	Global Security Services	Purchased Services	15,972.17
252120	HDR Engineering	Contractors	14,400.00
252121	Harold Beck and Sons Inc	Materials & Supplies	10,536.90
252122	JMT Trucking	Contractors	3,699.00
252123	Kemira Water Solutions, Inc	Inventory	24,649.56
252124	LSR+ Inc.	Purchased Services	3,418.18
252125	Mail Services LLC	Postage	8,447.81
252126	Mid American Energy	Utilities - Electric & Natural Gas	170,745.82
252127	Mississippi Lime Company	Inventory	46,104.38
252128	Municipal Supply, Inc.	Inventory	24,109.25
252129	Neptune Technology Group Inc	Inventory	29,838.24
252130	On Track Construction, LLC	Contractors	132,677.93
252131	Ramco Innovations	Materials & Supplies	8,877.21
252132	Softing Inc	Inventory	5,530.00
252133	Torgerson Excavating	Plumbing	17,811.00
252134	USA Bluebook	Inventory	2,982.91
252135	Underwriters Laboratory	Contractors	2,530.00
252136	Jenine Porter	Casualty Losses	2,293.18
252137	Master Single Payment Vendor	Refunds	100.86
252138	Master Single Payment Vendor	Refunds	375.00
252139	Master Single Payment Vendor	Refunds	81.04
252140	Master Single Payment Vendor	Refunds	5.71
252141	Master Single Payment Vendor	Refunds	80.07
252142	Master Single Payment Vendor	Refunds	81.80
252143	Master Single Payment Vendor	Refunds	40.28
252144	Master Single Payment Vendor	Refunds	12.01
252145	Master Single Payment Vendor	Refunds	19.18
252146	Master Single Payment Vendor	Refunds	82.31
252147	Master Single Payment Vendor	Refunds	46.56
252148	Master Single Payment Vendor	Refunds	109.45
252149	Master Single Payment Vendor	Refunds	154.82
252150	Master Single Payment Vendor	Refunds	31.87
252151	Master Single Payment Vendor	Refunds	120.97
252152	Master Single Payment Vendor	Refunds	77.31
252153	Master Single Payment Vendor	Refunds	132.77
252154	Master Single Payment Vendor	Refunds	81.19
252155	Master Single Payment Vendor	Refunds	112.76
252156	Master Single Payment Vendor	Refunds	172.74
252157	Master Single Payment Vendor	Refunds	41.59
252158	Master Single Payment Vendor	Refunds	80.67
252159	Master Single Payment Vendor	Refunds	53.16
252160	Master Single Payment Vendor	Refunds	112.45
252161	Master Single Payment Vendor	Refunds	101.93
252162	Master Single Payment Vendor	Refunds	2,824.50
252163	48Web	Maintenance Contracts	125.00
252164	AFSCME	Union Dues Payable	72.42
252165	AT&T Mobility	Cell Phones	109.06
252166	Acme Tools	Inventory	221.32
252167	Air Products	Inventory	1,392.00
252168	Airgas North Central	Tools	2,119.35
252169	Allied Electronics	Materials & Supplies	29.78
252170	Amazon Capital Services Inc	Materials & Supplies	203.52
252171	Bailey Nurseries	Park Materials	362.00
252172	Baker Group	Purchased Services	1,338.57

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
252173	CDW	Maintenance Contracts	295.00
252174	CPI International	Inventory	538.28
252175	CTI Ready Mix	Concrete	1,933.00
252176	Capital Sanitary Supply	Inventory	245.32
252177	Carquest	Vehicle Maintenance Materials	136.27
252178	CenturyLink	Telephone Services	174.39
252179	Cintas	Purchased Services	2,145.75
252180	City Supply Corporation	Inventory	102.40
252181	Cole-Parmer Instrument Company	Materials & Supplies	829.73
252182	Colin Lenihan	Safety Boots	245.00
252183	Commonwealth Electric Company	Purchased Services	250.68
252184	Construction & Aggregate Products, Inc.	Inventory	68.25
252185	Consumer Energy	Electrical Power	498.43
252186	Core and Main	Inventory	1,026.16
252187	Don Staley	Safety Boots	118.14
252188	Douglas K. Oscarson	Consultants	1,842.60
252189	Dultmeier Sales LLC	Inventory	35.96
252190	Eastern Iowa Tire	Vehicle Maintenance Materials	303.27
252191	Environmental Express	Inventory	416.90
252192	Environmental Products & System	Materials & Supplies	1,046.41
252193	Environmental Resource Assoc.	Materials & Supplies	1,269.82
252194	Eurofins Abraxis LLC	Inventory	2,427.52
252195	Fastenal Company	Vehicle Maintenance Materials	53.02
252196	Ferrellgas, Inc.	Vehicle Maintenance Materials	60.78
252197	Gilcrest Jewett Lumber Company	Inventory	376.52
252198	Grainger, Inc.	Materials & Supplies	1,437.08
252199	Graybar Electric Company	Inventory	541.94
252200	Hach Chemical Company	Inventory	1,059.40
252201	Image Solutions	Materials & Supplies	405.00
252202	Industrial Glassware	Materials & Supplies	1,237.13
252203	Ingersoll Rand	Inventory	58.50
252204	Innovational Water Solutions, Inc	Purchased Services	299.98
252205	Integrated PT & Sports Med, PLLC	Purchased Services	180.00
252206	Interstate Power Systems, Inc	Purchased Services	173.00
252207	Iowa Department of Natural Resources	Purchased Services	136.20
252208	Iowa Rivers Revival	Materials & Supplies	1,500.00
252209	Jennifer McCoy	Casualty Losses	1,869.00
252210	Kemira Water Solutions, Inc	Inventory	1,217.64
252211	MSC Industrial Supply Company	Inventory	35.10
252212	McMaster-Carr Supply Company	Inventory	563.16
252213	Megan McDowell Photography	Consultants	909.09
252214	Menard's	Materials & Supplies	54.99
252215	Michael Argenta	Safety Boots and Materials & Supplies	287.53
252216	Mid American Energy	Materials & Supplies	145.79
252217	Mid Country Machinery, Inc.	Purchased Services	2,432.00
252218	Murphy Tractor & Equipment	Purchased Services	1,842.36
252219	Nyhart	Accounting Fees	2,300.00
252220	O'Halloran International	Vehicle Maintenance Materials	223.44
252221	Ottson Oil Company	Inventory	541.55
252222	Plumb Supply Company	Materials & Supplies	981.79
252223	Power Seal	Inventory	770.47
252224	Premier Safety	Inventory	292.04
252225	Radwell International	Materials & Supplies	334.88
252226	Semper Fi Fund	Charitable PR Deduction	128.00
252227	Siemens Industry Inc. c/oJasper eng	Inventory	1,059.00
252228	Straub Corporation	Inventory	1,395.90
252229	Tierpoint	Consultants	1,211.50

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
252230	Total Tool	Inventory	157.89
252231	U.S. Autoforce	Vehicle Maintenance Materials	744.04
252232	UPS	Delivery/Freight	48.02
252233	USA Bluebook	Inventory	1,014.72
252234	USA Safety Supply Corp	Inventory	261.81
252235	United Rental Trench Safety	Distribution Equipment	1,050.00
252236	United Way of Central Iowa	Charitable PR Deduction	140.00
252237	Valley Environmental	Purchased Services	18.00
252238	Van Meter Industrial, Inc.	Materials & Supplies	63.44
252239	Verizon Connect NWF, Inc	Vehicle Maintenance Materials	2,228.00
252240	Vessco	Inventory	177.11
252241	Washer Systems of Iowa	Purchased Services	1,710.89
252242	AFSCME Local 3861-3	Union Dues Payable	2,654.78
252243	Aureon Communications	Telephone Services	4,006.35
252244	BCI Water Resources Group, Inc	Contractors	226,121.38
252245	Bonnie's Barricades	Contractors	2,707.25
252246	Chemtrade Chemicals US LLC	Inventory	14,632.00
252247	Des Moines Iron Company	Vehicle Maintenance Materials	4,452.59
252248	Dickinson, Mackaman, Tyler, & Hagen, PC	Legal Fees	19,092.63
252249	Dixie Petro-Chem, Inc.	Inventory	7,493.31
252250	Fisher Scientific	Materials & Supplies	2,579.52
252251	Hutcheson Engineering Products Inc.	Inventory	2,714.41
252252	IP Pathways, LLC	Data Processing Equipment	5,350.00
252253	Mail Services LLC	Postage	6,642.58
252254	Mesa Products	Inventory	6,783.94
252255	Mississippi Lime Company	Inventory	42,143.51
252256	Municipal Supply, Inc.	Inventory	6,850.75
252257	Pitney Bowes Inc.	Purchased Services	8,911.29
252258	Precision Midwest	Office Supplies	60,857.10
252259	Stivers	Purchased Services	4,384.34
252260	Synagro Central, LLC	Contractors	70,885.31
252261	Verizon Wireless Messaging Service	Cell Phones	4,985.03
252262	Wellmark Blue Cross & Blue Shield of IA	Group Insurance Premiums	24,338.60
252263	Zenon Environmental Corporation	Consultants	15,402.00
252264	ACCO	Materials & Supplies	24.00
252265	Master Single Payment Vendor	Refunds	63.74
252266	Airgas North Central	Inventory	455.66
252267	Amazon Capital Services Inc	Materials & Supplies	382.60
252268	American Toppers/Line-X	Vehicle Maintenance Materials	509.00
252269	BDI Signs Business Designs, Inc	Materials & Supplies	810.00
252270	Blackburn Manufacturing Company	Inventory	311.41
252271	Bob Brown Chevrolet, Inc.	Vehicle Maintenance Materials	513.75
252272	Bonnie's Barricades	Contractors	943.60
252273	Brian Welker	Licenses & Certifications	65.50
252274	CMI	Purchased Services	80.47
252275	CPI International	Inventory	2,358.36
252276	CTI Ready Mix	Concrete	1,768.00
252277	Capital Sanitary Supply	Inventory	322.46
252278	Carquest	Vehicle Maintenance Materials	476.72
252279	Central Service & Supply, Inc.	Purchased Services	340.00
252280	Cintas	Purchased Services	2,396.94
252281	City of Des Moines	Purchased Services	280.00
252282	Core and Main	Inventory	990.00
252283	Daniel Carroll	Safety Boots	118.22
252284	Data Source Media	Inventory	91.35
252285	Dezurik c/o Mellen & Associates	Inventory	939.00
252286	Douglas K. Oscarson	Consultants	1,798.20

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

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<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
252287	Fastenal Company	Inventory	39.56
252288	Fidelity Security Life	Vision Withholding	1,040.38
252289	Master Single Payment Vendor	Refunds	18.58
252290	Grainger, Inc.	Materials & Supplies	1,155.95
252291	Graybar Electric Company	Inventory	548.82
252292	Hach Chemical Company	Materials & Supplies	599.13
252293	Home City Ice	Park Materials	99.00
252294	Hutcheson Engineering Products Inc.	Inventory	1,122.73
252295	Image Solutions	Materials & Supplies	125.00
252296	Industrial Scientific Corporation	Dues and Memberships	2,315.03
252297	Interstate All Battery	Materials & Supplies	1,165.15
252298	Iowa Plains Signing Inc	Contractors	1,310.00
252299	Iowa Title Company	Contractors	175.00
252300	Jennifer Terry	Licenses & Certifications	130.00
252301	John's Tree Service, Inc.	Purchased Services	2,200.00
252302	Master Single Payment Vendor	Refunds	16.53
252303	Master Single Payment Vendor	Refunds	54.95
252304	Master Single Payment Vendor	Refunds	36.90
252305	LSR+ Inc.	Purchased Services	2,164.63
252306	Logan Contractors Supply, Inc.	Inventory	2,381.13
252307	Lyle Pritchard	Safety Glasses	329.11
252308	MSC Industrial Supply Company	Inventory	576.12
252309	McMaster-Carr Supply Company	Inventory	212.98
252310	Menard's	Materials & Supplies	131.73
252311	Murphy Tractor & Equipment	Purchased Services	1,490.47
252312	Novaspect	Materials & Supplies	1,737.20
252313	Plumb Supply Company	Inventory	1,347.89
252314	Polk County Conservation	Purchased Services	350.00
252315	Power Process Equipment, Inc.	Inventory	705.61
252316	Premier Safety	Inventory	377.85
252317	Protex Central, Inc.	Purchased Services	624.00
252318	Master Single Payment Vendor	Refunds	9.54
252319	Richard Lee	Safety Boots	160.05
252320	Master Single Payment Vendor	Refunds	25.55
252321	Master Single Payment Vendor	Refunds	127.39
252322	Samson Controls Inc	Materials & Supplies	1,132.34
252323	Skarshaug Testing Laboratory	Materials & Supplies	988.13
252324	Star Equipment, Ltd.	Inventory	203.58
252325	Stetson Building Products	Inventory	257.22
252326	Stivers	Vehicle Maintenance Materials	25.04
252327	Sumayyah Muhammad	Casualty Losses	1,869.00
252328	Team Services, Inc.	Contractors	442.25
252329	Tension Envelope Corporation	Inventory	2,122.50
252330	The Shredder	Purchased Services	87.00
252331	Total Tool	Inventory	10.69
252332	UPS	Delivery/Freight	4.12
252333	USA Bluebook	Inventory	1,516.97
252334	USA Safety Supply Corp	Inventory	42.59
252335	Utilimaster	Vehicle Maintenance Materials	336.08
252336	Utility Equipment Company	Inventory	1,904.48
252337	Van Meter Industrial, Inc.	Materials & Supplies	363.61
252338	Vessco	Inventory	1,404.25
252339	Master Single Payment Vendor	Refunds	175.00
252340	Waste Solutions of Iowa	Purchased Services	408.00
252341	Aclara RF Systems, Inc	Inventory	57,792.00
252342	Air Products	Inventory	3,723.14
252343	Azima DLI	Maintenance Contracts	19,858.61

PAYMENTS FOR MARCH, 2021

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
252344	Brady Truck & Equipment	Vehicle Maintenance Materials	26,500.00
252345	CarbPure	Inventory	27,165.60
252346	Chemtrade Chemicals US LLC	Inventory	15,183.80
252347	Dixie Petro-Chem, Inc.	Inventory	3,298.68
252348	EUROFINS Test America Sacramento	Purchased Services	3,170.00
252349	Henkel Construction Company	Contractors	119,004.89
252350	I'll Do It	Purchased Services	4,700.00
252351	IDEXX Laboratories, Inc.	Materials & Supplies	3,032.71
252352	IMEG Corp	Consultants	7,604.00
252353	Keck, Energy	Inventory	14,567.32
252354	Kemira Water Solutions, Inc	Inventory	6,183.00
252355	Martin Marietta Aggregates	Inventory	15,973.16
252356	Mid American Energy	Utilities - Electric & Natural Gas	38,724.27
252357	Mississippi Lime Company	Inventory	42,296.87
252358	Municipal Supply, Inc.	Inventory	9,243.35
252359	Neptune Technology Group Inc	Inventory	2,564.96
252360	Nichols Equipment LLC	Purchased Services	6,683.90
252361	Principal Life Insurance	Pension Plan Contribution	370,790.00
252362	Schabel Solutions	Consultants	3,000.00
252363	Smartclean, LLC	Purchased Services	4,591.37
252364	Smith's Sewer Service Inc.	Purchased Services	4,350.00
252365	Subsurface Solutions	Distribution Equipment	4,131.24
252366	Truck Center Companies	Vehicle Maintenance Materials	78,866.00
252367	Verizon Wireless Messaging Service	Cell Phones	6,631.40
252368	Waldinger Corporation	Contracts Payable	27,466.81
915449	IPERS Collections	Pension Plan Contribution	215,323.11
030521	Collection Services Center	Garnishment of Wages	2,378.80
030521	Treasurer State of Iowa	State Withholding Taxes Payable	29,218.71
030521	Internal Revenue Service	Withholding Taxes Payable	179,924.19
030121	EBS	Employee Health Premiums	272,795.64
031921	Collection Services Center	Garnishment of Wages	2,378.80
031921	Treasurer State of Iowa	State Withholding Taxes Payable	27,011.24
031921	Internal Revenue Service	Withholding Taxes Payable	170,308.67
033121	EBS	Employee Health Premiums	56,339.78
033121	CBCS	Compensation Claims	18,655.41
TOTAL			\$6,922,664.88

CEO APPROVED EXPENDITURES GREATER THAN \$20,000
MONTHLY SCHEDULE FOR THE MONTH OF MARCH 2021

Check #	Vendor	Description	Amount	Details
	none			

AGENDA ITEM FORM

SUBJECT: Receive and File 2022-2026 Five-Year Capital Improvement Plan

SUMMARY:

- Finance and Engineering have worked cooperatively to establish a process for developing and maintaining a five-year capital improvement plan (CIP). Capital improvement planning was first introduced to our budgeting process in 2015 with the development of a three-year CIP. Over the course of the last several years, the planning has been expanded to a five-year window. The 2022-2026 five-year CIP was reviewed with the Finance and Audit Committee at their April 2021 meeting. The plan calls for nearly \$260M in total spending with approximately \$165M in DMWW spending and an estimated \$90M from others within the region.
- Key elements of this most recent CIP include:
 - Inclusion of a larger Des Moines River Alluvial Well Field (25 million gallons per day).
 - Addition of a fourth ASR within the Des Moines water distribution system.
 - A 10 million gallons per day expansion of the Saylorville Water Treatment Plant, including necessary source water and transmission needs to complement the treatment expansion.
 - Significant discussion about funding options that included rate revenue, purchased capacity, and debt (bonding and State Revolving Fund).

FISCAL IMPACT:



None at this time. Information from this five-year capital improvement plan will be used to develop capital budgets that will be presented to the Board for action in future years.

RECOMMENDED ACTION:

Receive and file the 2022-2026 Five-Year Capital Improvement Plan.

BOARD REQUIRED ACTION:

Motion to receive and file the 2022-2026 Five-Year Capital Improvement Plan.

 Michael J. McCurnin, P.E. (date) <u>4/22/21</u> Director of Engineering Services	 Ted Corrigan, P.E. (date) <u>4-22-21</u> CEO and General Manager
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Attachments: Memo and attachment

MEMORANDUM

DATE: April 8, 2021

TO: Ted Corrigan, P.E., CEO and General Manager

FROM: Amy Kahler, Chief Financial Officer
Michael J. McCurnin, Director of Engineering Services

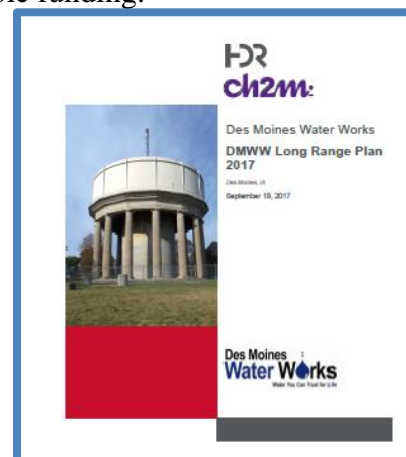
SUBJECT: 2022-2026 Five-Year Capital Improvement Plan

Background

Capital improvement planning was first introduced to our budgeting process in 2015 with the development of a 3-year Capital Improvement Plan (CIP). Over the course of the last several years, the planning has been expanded to a 5-year window. Previous CIPs have included the current approved capital budget as the beginning year. After the 2018-2022 effort, a conscious decision was made to not include an approved budget year in subsequent 5-Year CIP efforts. The 2022-2026 Five-Year CIP is presented via this memorandum and identifies near \$260M in viable overall capital spending (near \$165M in DMWW spending). Projects include treatment system expansion, water quality projects, and other reinvestments in the broad system. Funding requests from others are in excess of \$90M.

The CIP is typically presented to the Board in the first quarter of each year. A comprehensive list of projects (mostly from long range planning efforts and special studies or investigations) is identified. Staff then trims this initial list and positions the costs for projects across the five-year time window. The annual budgeting process is closely linked to this effort and follows in the second and third quarters of the year. The budgeting process includes a further narrowing of the CIP list for the next budget year and is aligned with available funding.

Throughout its history, Des Moines Water Works (DMWW) has completed a variety of long-range planning documents to provide guidance for treatment, distribution, and other utility needs. Most recently, DMWW consulted with consultants CH2M and HDR to complete the DMWW Long Range Plan 2017. The DMWW Long Range Plan 2017 stands to serve as a guidepost for the next several years.



The work for this planning document was broad and intensive. It included:

- Population and water demands until 2040 for the metro area (wholesale customers participated in this effort)
- Standards of service for the entire system
- Hydraulic modeling of both Des Moines and regional distribution systems
- More than \$625M in project costs (2016 dollars) for source, treatment, pumping, storage, and transmission improvements until 2040
- A water main replacement model with main break targets (breaks per 100 miles of pipe) through 2040 for the Des Moines water distribution systems

All departments participate in the CIP process by identifying the capital needs within their respective areas. The components of the CIP completed by the Engineering Services Department is more comprehensive because projects range from the “unsafe to consume” source water all the way through the process of delivering “safe to consume” finished water at customers’ taps.

Key 2021-Q1 Efforts Impacting 2022-2026 CIP

DMWW again consulted with HDR in the first quarter of 2021 to complete a DMWW Long Range Plan Update and Progress Report. A key element of this effort was to determine if the timing of key projects included in the original plan could be delayed by evaluating recent average-day and peak-day customer demands. HDR collected five more years of operational data from metro area water producers and included new water demands that were unknown at the time of the original long range plan. Based upon the data and related analysis, the report concluded that key projects should not be delayed, and in fact, consideration should be given to expediting or altering the order of key “expansion” projects.

An existing agreement with the United States Geological Service (USGS) was modified via amendment to allow greater hydrogeologic investigations to be conducted along the Des Moines River between Saylorville Reservoir and Prospect Park. This broader investigation sets the table for projects that will allow greater water withdrawal from the Des Moines River alluvium, improving water quality at the Fleur Drive Water Treatment Plant (FDWTP) and providing additional raw water for the 10 million gallons per day (MGD) expansion of the Saylorville Water Treatment Plant (SWTP).

2022-2026 CIP

The 2022-2026 CIP continues to embrace many of the themes presented in the most recent 5-Year CIP, but there are also a few adjustments. A summary of this CIP is as follows:

- A number of previously-identified projects (storage tank aeration, etc.) to counter disinfection byproduct (DBP) issues have been left out.
- A number of previously-identified projects (park wetland, ion exchange system expansion, etc.) to counter nitrate concentration issues have been left out.
- In place of the DBP and nitrate projects, staff feels strongly that garnering more source water from the Des Moines River alluvium is most beneficial. Water from this source is not only beneficial for nitrate and DBP issues, but also provides benefits in regard to ammonia, cyanobacteria, and cyanotoxin issues which have created significant operational challenges in recent years. Blending of source waters remains one of the most powerful pre-treatment options at our disposal. This CIP includes refined estimates that would call for nearly 25 MGD of Des Moines River alluvium water to be directed to the FDWTP. Significant investments of near \$30M will be required.

- The window of this CIP recommends completing all elements of a 10 MGD expansion of SWTP. This involves both source and treatment projects, but also a few key transmission projects. Significant investments near \$70M will be required.
- With a clearer focus on both the Des Moines River alluvium and the expansion at SWTP projects, this CIP will not recommend some previously included water quality and capacity projects at McMullen Water Treatment Plant (MWTP). It is now recommended that an additional collector well and an effort to bring permanence to the Crystal Lake facilities now be deferred.
- The integration of DMWW ASR #4 (Joint Eastside Booster) is included to assist with addressing peak-day demands. Outside of this document and planning, Waukee is progressing with the integration of an ASR within their system. Each of these ASR units will play a key role in providing production volumes to aid in meeting peak-day demands.
- This CIP continues to recommend aggressive reinvestment in water main replacement. Efforts by HDR communicate that DMWW needs to nearly triple its historical reinvestment levels to maintain or slightly improve main break statistics. Escalations beyond that level are also recommended to allow for a target annual break rate of 20 main breaks per 100 miles of piping by 2040. DMWW, within the past few years, has begun to invest more in main replacement to move toward the report recommendations. This CIP reaffirms the importance of remaining vigilant with our distribution system reinvestment.

A quick comparison of the CIP efforts is as follows (includes only DMWW financial commitments, not project funding by wholesale customers):

	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
2015-2017	\$12.0M	\$19.0M	\$21.4M			\$52.4M
2016-2020	\$10.8M	\$48.1M	\$57.0M	\$49.6M	\$18.2M	\$183.7M
2017-2021	\$18.9M	\$55.7M	\$38.2M	\$33.9M	\$31.5M	\$178.2M
2018-2022	\$17.3M	\$39.5M	\$41.6M	\$31.4M	\$56.5M	\$186.3M
2020-2024	\$43.3M	\$43.4M	\$35.0M	\$53.8M	\$70.6M	\$246.1M
2021-2025	\$31.2M	\$52.8M	\$54.6M	\$46.0M	\$37.3M	\$221.9M
2022-2026	\$28.2M	\$30.5M	\$31.4M	\$40.1M	\$34.6M	\$164.8M

The 2022-2026 CIP seems to indicate a significant reduction in scope and cost relative to the 2021-2025 CIP. This is the case, as efforts on this most recent CIP were targeted and focused to identify the most important projects for DMWW to consider over the next five years. Funding will be discussed later in this memorandum, but significant financial commitments will be needed to accomplish the key elements (SWTP expansion, Des Moines River Alluvium, and ASR #4) of this leaner CIP.

A number of details about the CIP have been summarized in the following attachments:

- 2022-2026 5-Year CIP Condensed
- 2022-2026 5-Year CIP Engineering Component (Comprehensive List)

Even with a leaner CIP, the figures reaffirm that it is critical we continue to grow our available capital funding.

Funding

DMWW has several funding options for the utility's CIP commitments:

Rate Revenue

Our first source for funding capital improvements is our annual revenue. In the approved 2021 budget, \$23.5M of capital spending was funded by revenue. Assuming an annual increase in this amount from annual rate increases, we might expect revenue funding for capital to total approximately \$120M over the 2022-2026 CIP. This leaves a funding gap of approximately \$50M, and it will be necessary to look to other funding sources.

Sell Purchased Capacity

For the construction of expansion projects in recent history, such as the McMullen Water Treatment Plant and Saylorville Water Treatment Plant, DMWW has relied on the sale of purchased capacity to fund project costs. The \$70M related to construction of 10 MGD of additional source, treatment capacity, and transmission at SWTP could be funded through the sale of purchased capacity. Several wholesale customers have indicated in recent years they are interested in purchasing more capacity in DMWW's system. Selling purchased capacity is an attractive option in that it would help protect the interests of Des Moines customers; in purchasing capacity, participating wholesale customers would be signaling their intent to continue being served by DMWW which helps ensure Des Moines customers are not later saddled with the burdensome costs of a stranded treatment expansion.

Debt

Historically, DMWW has been conservative in issuing debt. DMWW sets water rates at a level that enables us to fund capital expenditures on a "pay as you go" basis. That works well for smaller projects and single-year projects, but not for large-scale projects, such as treatment expansion and broad alluvial well field expansions, that require a large amount of cash available up front. Borrowing is the best way to accommodate the necessary cash flow. The downside of borrowing is that, even with favorable bond interest rates, debt results in higher project costs because the utility pays back much more than we borrow.

DMWW has the debt capacity to issue approximately \$110M of water revenue bonds. After establishing a bond reserve fund and paying issuance costs, net proceeds available to spend will be around \$100M. Total debt service payments over 20 years will be approximately \$145M or \$7.25M annually. The combination of \$120M of funding from revenue and \$100M of bond proceeds provides more than sufficient capital funds available to meet this CIP.

The uncertainty of whether regionalization will move forward, and in what timeframe, makes issuing debt complicated. While DMWW will continue to exist after regionalization, it will change the nature of our business significantly. The uncertainties related to regionalization could impact the utility's bond rating and ultimately the pool of prospective buyers of our bonds. More importantly, bond covenants normally contain a clause that pledges all assets of the issuer and prohibits the sale or transfer of those assets. Issuing bonds would prohibit DMWW from transferring assets to a regional entity while the bonds remain outstanding. Although bonds contain call provisions that allow them to be paid off early, it is usually prohibited in the first five years, the period when a regional utility would be expected to form. Accessing State Revolving Fund (SRF) loans through the Iowa Finance Authority is an alternative borrowing option that may

make the eventual transition to a regional entity more manageable in terms of structuring a flexible solution for any existing debt.

Conclusion

Staff believes the 2022 – 2026 CIP is a realistic and necessary plan that allows the utility to continue to provide a high level of service to customers and enables the utility to meet growing demand by wholesale customers.

Staff will begin work on the 2022 operating and capital budgets in June, which the Board will approve in the fall. The CIP will provide the basis for the 2022 capital budget, with further refinement of the numbers and a more detailed funding plan to occur as we progress through the budget development process.

Des Moines Water Works
5 Year CIP
2022-2026

	2022	2023	2024	2025	2026	5 Year
Customer Service - Meters, MTUs	\$ 1,376,947	\$ 1,418,508	\$ 1,489,433	\$ 1,563,905	\$ 1,642,100	\$ 7,490,894
Information Technology						
Normal Replacement	573,000	778,000	463,000	528,000	428,000	2,770,000
PeopleSoft Replacement	2,375,000	1,775,000	-	-	-	4,150,000
Water Distribution	1,442,989	1,486,281	1,530,883	1,576,817	1,624,121	7,661,091
Water Production						
Vehicle & Equipment Replacement	800,000	800,000	500,000	500,000	500,000	3,100,000
Normal WP Replacement	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	5,309,136
DEPARTMENTS w/o Engineering	\$ 7,567,937	\$ 7,287,788	\$ 5,044,216	\$ 5,261,449	\$ 5,319,730	\$ 30,481,120
Engineering						
Plant/Raw Water Capacity	\$ 3,356,773	\$ 13,392,282	\$ 20,655,290	\$ 21,378,225	\$ 18,513,691	\$ 77,296,261
Transmission Capacity	499,743	4,913,081	2,403,025	-	-	7,815,849
Water Quality	3,273,124	2,468,526	9,580,968	9,916,302	10,263,372	35,502,292
Water Main Replacement	10,746,531	11,282,463	11,511,953	12,129,527	12,331,891	58,002,365
Core Network	5,646,979	5,790,547	4,084,615	5,736,309	5,193,499	26,451,950
DMWW Capital	1,835,071	4,149,339	1,311,059	9,799,021	1,600,177	18,694,667
Work for Other Entities	-	-	3,326,154	-	-	3,326,154
	-	-	-	-	-	-
TOTAL ENGINEERING	\$ 25,358,221	\$ 41,996,237	\$ 52,873,063	\$ 58,959,384	\$ 47,902,631	\$ 227,089,537
TOTAL UTILITY	\$ 32,926,158	\$ 49,284,026	\$ 57,917,280	\$ 64,220,833	\$ 53,222,361	\$ 257,570,657
<i>Total Funding by Other Entities</i>	<i>\$ 4,713,147</i>	<i>\$ 18,820,619</i>	<i>\$ 26,467,585</i>	<i>\$ 24,087,185</i>	<i>\$ 18,602,729</i>	<i>\$ 92,691,266</i>
CIP FUNDED BY DMWW	\$ 28,213,010	\$ 30,463,406	\$ 31,449,694	\$ 40,133,648	\$ 34,619,632	\$ 164,879,391

			TOTAL PROJECT COST (does not include funding by other entities)						
Category	Work Plan	Project	2022	2023	2024	2025	2026	2022-2026	
Plant/Raw Water Capacity	Raw Water Maffitt	Flynn Property Purchase	162,564	168,253	174,142	180,237	186,545	871,742	
		New Radial Collector Well	-	-	3,372,560	3,490,600	-	6,863,160	
	SWTP	Expansion of Raw Water	1,530,917	6,337,998	8,199,785	8,486,778	8,783,815	33,339,294	
		Expansion to 20 MGD	1,243,480	5,148,009	6,660,236	6,893,344	7,134,611	27,079,680	
	New ASR Wells	ASR Well - Joint East Side DMWW #4 (Joint Eastside Booster)	419,812	1,738,022	2,248,565	2,327,265	2,408,720	9,142,384	
Plant/Raw Water Capacity Total			3,356,773	13,392,282	20,655,290	21,378,225	18,513,691	77,296,261	
Transmission Capacity	Core Network Feeder	SWTP - West Feeder Main Ph 3 Const	499,743	4,655,107	-	-	-	5,154,850	
		Tenny to LP Moon Feeder Connection	-	257,974	2,403,025	-	-	2,660,999	
Transmission Capacity Total			499,743	4,913,081	2,403,025	-	-	7,815,849	
Water Quality	FDTP	CO2 Feed	2,192,290	-	-	-	-	2,192,290	
		DM River Well Field	596,262	2,468,526	9,580,968	9,916,302	10,263,372	32,825,430	
		West Low Lift Pump Install	484,571	-	-	-	-	484,571	
Water Quality Total			3,273,124	2,468,526	9,580,968	9,916,302	10,263,372	35,502,292	
Water Main Replacement	Core Network Feeder WMR - DM	Polk County to Alleman/SEP Connection (Move to Joint NW Collection)	-	-	-	214,656	-	214,656	
		PVC to DI Replace	-	159,803	-	-	-	159,803	
		WMR - Des Moines	8,030,974	8,312,058	8,602,980	8,904,084	9,215,727	43,065,823	
	WMR - Pleasant Hill	PHill CIP TBD WMR	257,094	266,092	275,406	285,045	295,021	1,378,658	
	WMR - Polk County	WMR - Polk County	2,020,866	2,091,596	2,164,802	2,240,570	2,318,990	10,836,825	
	WMR - Windsor Heights	WMR - Windsor Heights	437,597	452,913	468,765	485,172	502,153	2,346,599	
Water Main Replacement Total			10,746,531	11,282,463	11,511,953	12,129,527	12,331,891	58,002,365	
Core Network	Core Network Feeder FDTP	Army Post - Maffitt - FD Remote Valve FUNDED	715,227	-	-	-	-	715,227	
		5kv Switch Gear Controls Upgrade	227,700	-	-	-	-	227,700	
		Backwash Return	-	260,770	-	-	-	260,770	
		Diesel Pump Fuel Containment	-	307,977	-	-	-	307,977	
		East Low - East High Flood Protection	312,476	-	-	-	-	312,476	
		FDWTP Bulk Sodium Hypochlorite Storage/Feed Bldg	-	-	-	2,044,346	2,115,898	4,160,244	
		FDWTP Raw Water Metering Improvements	-	826,982	-	-	-	826,982	
		Filter Media Replacement (4)	736,640	762,422	789,107	816,726	-	3,104,896	
		Fleur Filter Control Valves	83,318	86,234	89,252	92,376	-	351,179	
		Gallery - Valves (ongoing)	341,460	-	-	-	-	341,460	
		Lime Slaker Replacement	-	-	-	659,051	-	659,051	
		Lime Slurry Waste Junction	-	-	237,607	-	-	237,607	
		SCADA Network Improve	680,548	704,368	-	-	-	1,384,916	
		Treatment Basin Rechain (ongoing)	376,000	389,160	402,781	416,878	431,469	2,016,287	
		VFD High Lift Pumps	534,726	-	-	-	-	534,726	
	MWTP	WHL Discharge Header Paint	172,665	-	-	-	-	172,665	
		Clear Well Drainage	149,762	-	-	-	-	149,762	
		Ferric Chloride Expansion	188,060	-	-	-	-	188,060	
		HSP Room HVAC Upgrades	148,781	-	-	-	-	148,781	
		Splitter Box TOC Sample Line	102,457	-	-	-	-	102,457	
		Raw Water Maffitt	MWTP Raw Water Metering Improvements	-	-	329,202	-	-	329,202
		Rehab Collector Wells	-	783,758	-	839,581	-	1,623,340	
		Well #6 Lateral Installation	310,500	-	-	-	-	310,500	

Category	Work Plan	Project	2022	2023	2024	2025	2026	2022-2026	
Core Network	Raw Water Maffitt SWTP	Well Isolation Valves	-	107,279	-	-	-	107,279	
		Chemical Storage Improvements	-	-	623,535	-	-	623,535	
		Floor and Drain Repairs	89,269	-	-	-	-	89,269	
		Rehab Collector Wells	-	-	735,861	-	-	735,861	
		RO CIP Redundancy	-	-	-	-	273,168	273,168	
		RO Membrane Replacement (ongoing)	210,213	217,570	225,185	233,066	241,224	1,127,257	
		SWTP Raw Water Metering Improvements	-	-	-	-	119,901	119,901	
		UF CIP Redundancy	-	-	-	263,930	-	263,930	
		UF Membrane Replacement	-	-	-	-	521,693	521,693	
	WMR - DM Facility Management	Air Valve Replacement	267,179	276,530	286,208	296,226	306,594	1,432,736	
		DM River Isolation Valve/Parco System	-	-	365,877	-	-	365,877	
		Riverbank Protection	-	1,067,497	-	-	1,183,553	2,251,050	
		Wilchinski Comm Bldg	-	-	-	74,129	-	74,129	
Core Network Total			5,646,979	5,790,547	4,084,615	5,736,309	5,193,499	26,451,950	
DMWW Capital	Core Network Feeder	Alleman/SEP Booster Station (Move to Joint NW Collection)	-	-	-	1,216,386	-	1,216,386	
		Purchase Remaining Capacity in Polk City Feeder	-	143,449	-	-	-	143,449	
		Unincorporated Polk County Pressure Reducing Stations (Optional)	-	-	-	-	606,557	606,557	
	Development Plan Review Joint NW Storage, PS, Feeder	Development Plan Review	258,636	267,688	277,058	286,755	296,791	1,386,928	
		Convey SEP Alleman	-	-	-	1,922,230	-	1,922,230	
		NW - Storage Tank	159,533	-	-	5,719,017	-	5,878,550	
	Facility Management	FDT - HVAC	-	-	532,271	-	-	532,271	
		FDTP - Building Improvements	-	339,678	-	363,872	-	703,550	
		FDTP - North Parking Lot Repl	127,195	-	-	-	-	127,195	
		FDTP Chemical Bldg Stairwell	42,686	-	-	-	-	42,686	
		FDTP Safety Showers & Tempering	-	150,612	155,884	-	-	306,496	
		Fleur Drive Access Gates	-	-	64,919	-	-	64,919	
		Fluoride Room Improvements	-	56,573	-	-	-	56,573	
		Hazen Int/Ext Paint	-	967,923	-	-	-	967,923	
		Lab Waterproofing	-	64,221	-	-	-	64,221	
		LP Moon Sewer Lift Station Rehabilitation	297,563	-	-	-	-	297,563	
		Main Office Building Improvements	289,962	-	-	-	-	289,962	
		MWTP Safety Showers & Tempering	-	-	155,884	161,340	-	317,224	
		Roof Replace & Repairs	-	386,716	-	-	428,759	815,475	
		Safety Compliance	56,424	58,399	60,442	62,558	64,748	302,570	
		Security Cameras	-	81,399	-	-	90,248	171,647	
		SEP/Bondurant PS Corrosion System	-	90,800	-	-	-	90,800	
		SEP/Bondurant PS Hypo& Ammonia Storage	-	530,558	-	-	-	530,558	
		Standpipe Foundation (2)	-	159,724	-	-	-	159,724	
		Tenny Standpipe Int/Ext Paint	-	749,612	-	-	-	749,612	
		Trimble GPS Equipment	-	39,568	-	-	43,869	83,437	
	WMR - Pleasant Hill	PHill CIP TBD DMWW Capital	603,073	62,418	64,603	66,864	69,204	866,161	
	DMWW Capital Total			1,835,071	4,149,339	1,311,059	9,799,021	1,600,177	18,694,667
	Work for Other Entities	Xenia Booster Station Upgrade	Xenia Booster Station Purchase and Upgrade	-	-	3,326,154	-	-	3,326,154
	Work for Other Entities Total			-	-	3,326,154	-	-	3,326,154
	Grand Total			25,358,221	41,996,237	52,873,063	58,959,384	47,902,631	227,089,537

AGENDA ITEM FORM

SUBJECT: Acceptance of Polk County Pumping Station – Storage Tank Fill Line Contract

SUMMARY:

- In May 2019, the Board of Water Works Trustees awarded the Polk County Pumping Station – Storage Tank Fill Line Contract to Rognes Corp for the Base Bid – PVC Pipe, in the amount of \$463,690.00.
- The general scope of work under this Contract was replacement of the existing 24-inch diameter ductile iron pipe used to fill the Polk County Storage Tank. This 24-inch diameter pipe experienced four failures in 2018 which called into question the integrity of this pipeline. Staff believed it would be prudent to replace this pipeline to avoid experiencing future unexpected failures which would significantly diminish water service to Polk County and the city of Ankeny.
- Staff issued five Change Orders (C.O.s) to the contract with Rognes Corp, to modify the scope of work in the Contract. These Change Orders resulted in a total increase in the cost of the Contract of \$71,452.13 which represents an increase of 15.4% above the original contract amount. Following is a summary of the Change Orders:

C.O. #	Description	Amount
1	Construct temporary vehicle access so staff can enter Polk County Pumping Station throughout the course of construction activities.	\$13,457.50
2	Install new panel board and circuit breaker in existing motor control center (MCC) and new conduit and cable to maintain electrical service to existing control valve actuator during start-up of new control valves.	\$4,619.55
3	Contract time extension from December 20, 2019 to March 31, 2020.	\$0.00
4	Additional work due to encountering buried concrete structure in conflict with pipe alignment, disposal of unsuitable backfill material, and importing suitable borrow material for approximately ninety feet of pipeline.	\$56,375.08
5	Contract liquidated damages in the amount of \$200 per day for fifteen days = \$3,000.	-\$3,000.00

- All work associated with this Contract has been satisfactorily completed.
- The final contract price for the Polk County Pumping Station – Storage Tank Fill Line Contract is \$508,782.63.

FISCAL IMPACT:



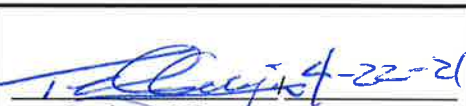
Funds for this project came from the 2019 Water Main Replacement Budget that were carried over to 2020 and 2021.

RECOMMENDED ACTION:

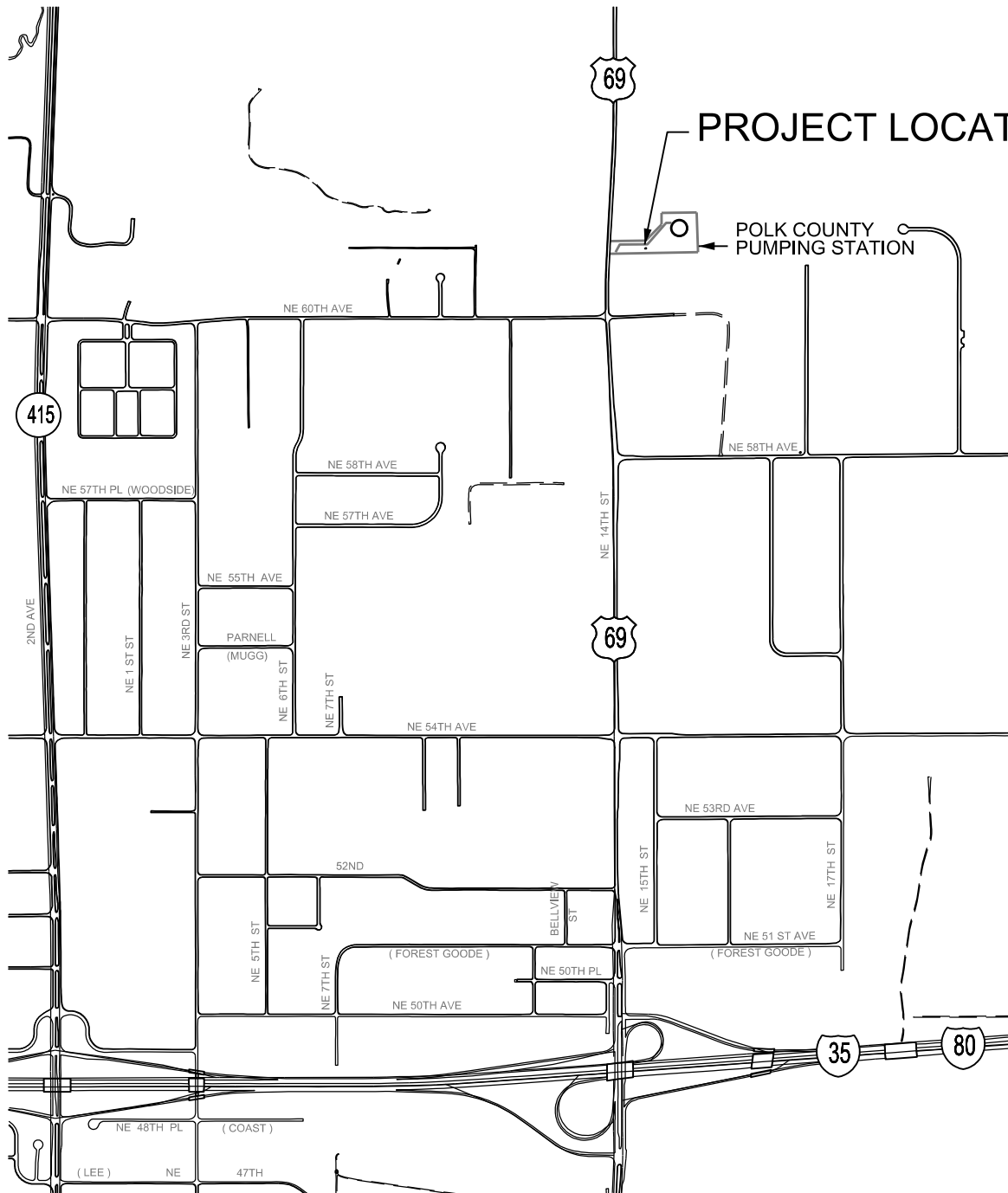
Accept the Polk County Pumping Station – Storage Tank Fill Line Contract completed by Rognes Corp, in the amount of \$508,782.63.

BOARD REQUIRED ACTION:

Motion to accept the Polk County Pumping Station – Storage Tank Fill Line Contract completed by Rognes Corp, in the amount of \$508,782.63.

 Vern Rash, P.E., L.S. (date) Project Manager	 Michael J. McCurnin, P.E. (date) Director of Engineering Services	 Ted Corrigan, P.E. (date) CEO and General Manager
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Attachment: site map



NOT TO SCALE

Des Moines
Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

**POLK CO PUMPING STATION -
STORAGE TANK FILL LINE**

AGENDA ITEM FORM

SUBJECT: Request Authorization to Execute the Memorandum of Understanding between West Des Moines Water Works, Board of Water Works Trustees of the City of Des Moines, Iowa, and the City of West Des Moines on the Addition of Two Data Centers in West Des Moines

SUMMARY:

- Staff from West Des Moines Water Works (WDMWW) approached staff at Des Moines Water Works (DMWW) in the latter half of 2020 about water service for two additional data centers in West Des Moines.
- Subsequent engineering analysis determined that delivery of water was possible under certain conditions. Elevated water storage, throttling valve functionality, and a reliance by WDMWW to use specific existing WDMWW pump stations were deemed necessary and critical for DMWW's Core Network to deliver the quantities of water needed.
- The key elements of the Memorandum of Understanding (MOU) are as follows:
 - Throttling Valve Facility: DMWW will design, build, and be the owner and operator of a throttling valve to be installed within the McMullen Plant site. WDMWW will reimburse DMWW for all costs associated with the construction of this facility. Facility is to be on-line by August of 2022. The cost of the Throttling Valve Facility is estimated to be \$600k.
 - Elevated Tower: WDMWW will construct, own, operate, and maintain an elevated water storage tank. Elevated tower is to be on-line prior to peak flows of 2023. Anticipated volume of the Elevated Tower is 2 million gallons and estimated cost is \$7.45M.
 - Metering Pit: Delivery of water from the Core Network to the data centers will require WDMWW to use existing pump stations that will pump water into the South Zone of the WDMWW system. One of the data centers is located to the north in Zone 4 of WDMWW system. Water will need to flow from the South Zone into Zone 4. Previous 28E agreement between WDMWW and DMWW defined a "Regional Capacity Credit" for water entering the South Zone of the WDMWW system. To honor the intent of the previous 28E agreement WDMWW will construct, own, operate, and maintain a bi-directional Meter Pit to be installed at the interface of South Zone and Zone 4 of the WDMWW system. Meter Pit is to be on-line by August of 2022. Estimated cost of the Meter Pit is \$250k.
- WDMWW and DMWW staff have worked closely to understand and define the additional critical facilities needed within their respective systems to deliver water for the data centers in question.
- Legal counsel for both WDMWW and DMWW have reviewed the MOU.

FISCAL IMPACT:

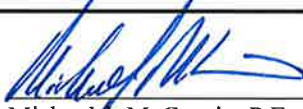
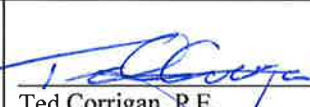
No fiscal impact. WDMWW will reimburse DMWW for all costs associated with creating the Throttling Valve Facility.

RECOMMENDED ACTION:

Approve the Memorandum of Understanding between West Des Moines Water Works, Board of Water Works Trustees of the City of Des Moines, Iowa, and the City of West Des Moines on the Addition of Two Data Centers in West Des Moines.

BOARD REQUIRED ACTION:

Motion to approve and authorize the Chairperson to execute the Memorandum of Understanding between West Des Moines Water Works, Board of Water Works Trustees of the City of Des Moines, Iowa, and the City of West Des Moines on the Addition of Two Data Centers in West Des Moines.

<div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: right; margin-top: 5px;">(date)</div>	<div style="text-align: center;">  <div style="display: flex; justify-content: space-between;"> Michael J. McCurnin, P.E. 4/22/21 </div> <div style="display: flex; justify-content: space-between;"> Director of Engineering Services (date) </div> </div>	<div style="text-align: center;">  <div style="display: flex; justify-content: space-between;"> Ted Corrigan, P.E. 4-22-21 </div> <div style="display: flex; justify-content: space-between;"> CEO and General Manager (date) </div> </div>
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Attachments: Memorandum of Understanding and Map

Memorandum of Understanding (MOU) Between West Des Moines Water Works, Board of Water Works Trustees of the City of Des Moines, Iowa and the City of West Des Moines on the Addition of Two Data Centers in West Des Moines

WHEREAS, the West Des Moines Water Works (“WDMWW”), the Board of Water Works Trustees of the City of Des Moines, Iowa (“DMWW”), and the City of West Des Moines, Iowa (“City of WDM”) commenced conversations around October 1, 2020, regarding the potential for two additional data centers to be served by WDMWW and how these two sites will be integrated into the WDMWW system and how DMWW will be able to deliver the water from the DMWW Core Network; and

WHEREAS, a meeting was held on November 12, 2020, between respective staff to review the initial engineering analysis completed by DMWW. The analysis found the Maffitt North Feeder Main to be fully allocated and that delivery of the necessary water would be possible under certain conditions that were discussed and agreed upon. Elevated water storage, throttling valve functionality, and the use of the WDMWW eastern pump stations in their South Zone were deemed necessary and critical for the Core Network to deliver the quantities needed; and

WHEREAS, in addition, to honor the intent of a previous 28E agreement among the parties, filed with the Iowa Secretary of State as agreement number [M508055] (the “28E Agreement”) regarding “Regional Capacity Credit”, a meter pit to account for water moving from the South Zone into Zone 4 will need to be constructed. This water will not be eligible towards the 3 MGD of “Regional Capacity Credit” as allowed in the 28E Agreement.

Therefore, this Memorandum of Understanding sets forth the points of discussion, mutual conceptual agreements, and certain binding agreements among the parties as follows:

I. Throttling Valve

- DMWW will design, build, and be the owner and operator of a throttling valve, related controls, vault, related electrical, and other related components on the east feeder main within the McMullen Plant site (the “Throttling Valve Facility”). DMWW shall have sole responsibility for design, construction, operation, use, repair, maintenance of the Throttling Valve Facility and for the costs of any improvements to the Throttling Valve Facility and related components made after its initial construction. Nothing within this Memorandum of Understanding shall limit DMWW’s freedom to own and operate the Throttling Valve Facility and to use it in its discretion to serve customers other than WDMWW.

- DMWW will provide a location for the Throttling Valve Facility on property northeast of the McMullen Water Treatment Plant, located at 12223 SW Maffitt Lake Drive, within unincorporated Polk County (Polk County GP 7825-31-100-001, DP 150/00315-000-000) or on such other locations as the parties shall agree. DMWW will use existing back up power supply and SCADA access available on the existing site for operation of the Throttling Valve Facility.
- DMWW has estimated that total project costs for the proposed Throttling Valve Facility will be \$600,000.
- WDMWW and the City of WDM jointly and severally agree to reimburse DMWW for the full direct costs incurred by DMWW for design and construction of the Throttling Valve Facility, subject to the terms herein provided.
- Financing details shall be worked out in detail among the parties as the project progresses, including a cap on the total cost overruns and change order for which WDMWW and the City of WDM will reimburse DMWW. It is understood that DMWW labor rates will be billed at fully loaded rates (included overhead and benefit components). It is expected that WDMWW and the City of WDM will have the opportunity to review the design and provide feedback. DMWW agrees to make every reasonable effort to keep costs within the expected budget.
- DMWW shall be responsible for obtaining the necessary permits and execution of the underlying contracts, and for ensuring appropriate design, construction, contract administration, supervision, and inspection of the Throttling Valve Facility. DMWW will proceed with the project in a manner as reasonably required to allow for two new data centers to come online in August 2022.

II. Elevated Tower

- WDMWW will construct, own, operate, and maintain an elevated tower at 2184 SE Adams Street. WDMWW is currently under contract with an engineering firm for the design. It is anticipated this elevated tower will be online late spring 2023 prior to peak flows from the two new data centers. WDMWW will have the sole right to operate the tank using its best judgement and with standard practices of care. WDMWW will be responsible for obtaining the necessary permits and execution of the underlying contracts and for ensuring appropriate contract administration, supervision, and inspection. All costs related to the Elevated Tower will be paid for by the WDMWW either solely or as part of a separate financial agreement with the City of WDM or Microsoft. Currently, the anticipated cost for the proposed 2 MG elevated tower is \$7.45 million.

III. Metering Pit

- It is understood that WDMWW must install a metering pit prior to any connection between the South Zone and Zone 4 to contain a meter to measure the water moving through such connection. WDMWW will construct, own, operate, and maintain this meter pit (the “Meter Pit”). WDMWW shall pay the full cost to acquire necessary meters to be installed in the Meter Pit. DMWW will own, operate, and maintain the meters within the Meter Pit. DMWW shall be responsible for any future meter replacement. In regard to monthly billing efforts, DMWW will not charge WDMWW meter availability fees for the meters within this Meter Pit. The Meter Pit will be constructed in a manner that allows the meters to communicate properly within the DMWW meter reading system. Should any additional apparatus or equipment be needed to allow for proper communications, WDMWW shall bear all necessary costs and expenses for their acquisition and installation. WDMWW does not anticipate providing back up power for the metering.
- The Meter Pit is planned to meter flow bidirectionally. Flow from the South Zone into Zone 4 will not count towards the 3 MGD of “Regional Capacity Credit” during the time frame June 15 to September 15 as outlined in the 28E Agreement regarding the Aquifer Storage and Recovery Well Project. Flow that comes from Zone 4 into the South Zone will constitute a credit towards the maximum allowed flow for any given day during the period that 3 MGD “Regional Capacity Credit” is given, so long as the net flow volume for that given day indicates a larger amount of water flowed from South Zone to Zone 4. Outside this time frame, flow may be measured for operational purposes.
- The estimated cost of the Meter Pit is \$250,000. WDMWW and the City of WDM shall be responsible for obtaining the necessary permits and execution of the underlying contracts, and for ensuring appropriate contract administration, supervision, and inspection. WDMWW and the City of WDM will proceed with the project in a manner as reasonably required to allow two new data centers to come online in August 2022. DMWW will have the ability to review the meter pit design and every attempt will be made to address the reasonable requests of DMWW for design changes.

IV. Operations

WDMWW will make every effort to primarily utilize the eastern pump stations (located east of the new throttling valve and connected to the Maffitt East Feeder Main) in their South Zone to help provide flows during high demand periods. The parties understand that this may not be possible in all situations, especially in time of emergency or unanticipated high use such as a main break or fire flow event. Any occurrence of not

utilizing the eastern pump stations during peak demand times could limit available capacity to WDMWW and other wholesale customers.

V. Other Understandings and Agreements

It is understood that, in the event full regionalization is implemented, rates and other relevant details as outlined in this Memorandum of Understanding may be subject to change or as mutually agreed upon by the signatories to this agreement.

Entering the joint projects for the above-described improvements does not limit WDMWW's ability to increase future water distribution or production assets, including construction of a west regional plant or ASRs and serve the data centers from water produced from its system.

The financial reimbursement provisions herein shall constitute binding financial obligations among the Parties.

IN WITNESS WHEREOF the Parties have executed this Memorandum of Understanding on the dates set forth in the respective acknowledgments.

[Signature Pages Follow]

BOARD OF WATER WORKS TRUSTEES
OF THE CITY OF DES MOINES, IOWA

By: _____

Graham Gillette, Board Chairperson

Attest: _____

Ted Corrigan, General Manager and
CEO

STATE OF IOWA)
)
COUNTY OF POLK) SS:

On this _____ day of _____, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared Graham Gillette and Ted Corrigan, to me personally known, and, who being by me duly sworn, did say that they are the Board Chairperson and the Chief Executive Officer and General Manager of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, that no seal has been procured by the entity; that the instrument was signed on behalf of the entity by authority of its Board as contained in the resolution adopted by the Board on the ____ day of _____, 2021, and that Graham Gillette and Ted Corrigan acknowledged the execution of the instrument to be the voluntary act and deed of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, by it and by them voluntarily executed.

Notary Public in and for the State of Iowa

WEST DES MOINES WATER WORKS

By: _____

Scott Brennan, Board Chairperson

Attest: _____

Christina Murphy, General Manager

STATE OF IOWA)
)
COUNTY OF POLK) SS:

On this _____ day of _____, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared Scott Brennan and Christina Murphy, to me personally known, and, who being by me duly sworn, did say that they are the Board Chairperson and the General Manager of the WEST DES MOINES WATER WORKS, that no seal has been procured by the entity; that the instrument was signed on behalf of the entity by authority of its Board as contained in the resolution adopted by the Board on the ____ day of _____, 2021, and that Scott Brennan and Christina Murphy acknowledged the execution of the instrument to be the voluntary act and deed of the WEST DES MOINES WATER WORKS, by it and by them voluntarily executed.

Notary Public in and for the State of Iowa

CITY OF WEST DES MOINES

By: _____

Steve K. Gaer, Mayor

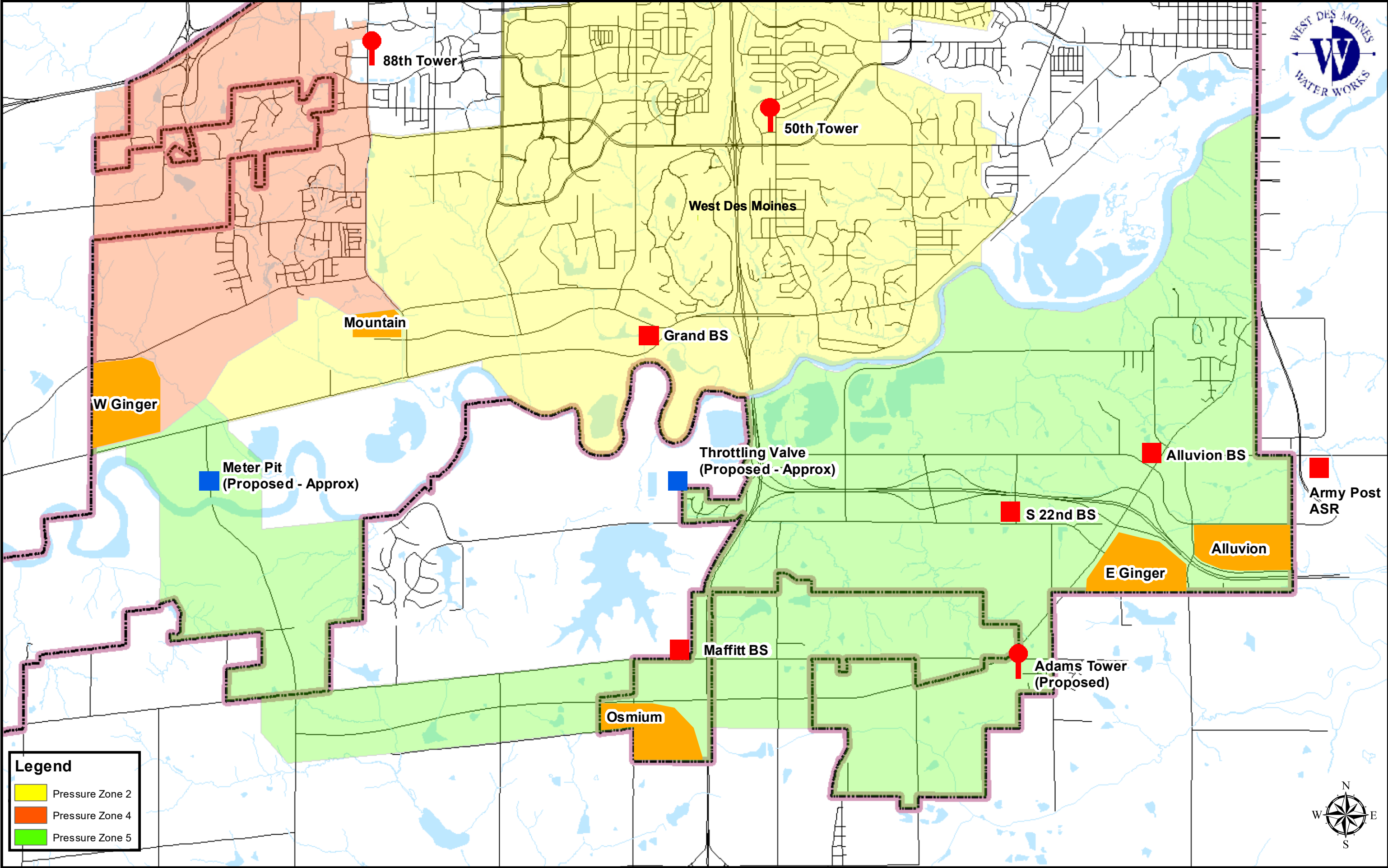
Attest: _____

Tom Hadden, City Manager

STATE OF IOWA)
)
COUNTY OF POLK) SS:

On this _____ day of _____, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared Steve K. Gaer and Tom Hadden, to me personally known, and, who being by me duly sworn, did say that they are the Mayor and the City Manager of the CITY OF WEST DES MOINES, IOWA, that no seal has been procured by the entity; that the instrument was signed on behalf of the entity by authority of its Board as contained in the resolution adopted by the Board on the ____ day of _____, 2021, and that Steve K. Gaer and Tom Hadden acknowledged the execution of the instrument to be the voluntary act and deed of the CITY OF WEST DES MOINES, IOWA, by it and by them voluntarily executed.

Notary Public in and for the State of Iowa



AGENDA ITEM FORM

SUBJECT: Request Authorization to Execute the Fifth Amendment to Water Service Enhancement Agreement Clarifying Ownership of the Waukee Booster Station

SUMMARY:

- Des Moines Water Works (DMWW) owns and operates a facility known as the Louise P. Moon Pumping Station (LPMPs) that was constructed pursuant to a Water Service Enhancement Agreement dated May 26, 1992, which Waukee joined by addendum dated August 24, 1992.
- The LPMPs serves water systems of Clive, Waukee, West Des Moines, Urbandale, and Xenia Rural Water.
- The delivery of water to Waukee is further aided by a separate facility known as the Waukee Booster Station that functions as an extension of the LPMPs. The Waukee Booster Station was constructed in the mid-1990's by DMWW and Waukee and has been operated and maintained by DMWW for the benefit of Waukee. The Waukee Booster Station was also installed and constructed within a permanent easement area granted to DMWW by Waukee Public Schools.
- The key elements of the Fifth Amendment are as follows:
 - Waukee is confirmed to be the legal owner of the building, and all improvements, piping and equipment that comprise the Waukee Booster Station within the easement area which includes two distinct supply lines that tap larger diameter feeder mains west of the station and the discharge line that connects to Waukee's water distribution system.
 - DMWW shall execute an assignment of permanent easement to Waukee.
 - DMWW will continue to operate and maintain the facility for the benefit of Waukee and continue to invoice Waukee quarterly for such operation and maintenance.
- Legal counsel for both DMWW and Waukee have reviewed the Fifth Amendment and assignment of permanent easement documentation.

FISCAL IMPACT:

No fiscal impact.

RECOMMENDED ACTION:

Approve the Fifth Amendment to Water Service Enhancement Agreement clarifying ownership of the Waukee Booster Station.

BOARD REQUIRED ACTION:

Motion to approve and authorize the Chairperson to execute the Fifth Amendment to Water Service Enhancement Agreement clarifying ownership of the Waukee Booster Station.

<div style="border-bottom: 1px solid black; width: 80%; margin-left: auto; margin-right: 0;"></div> <div style="text-align: right; font-size: small;">(date)</div>	<div style="border-bottom: 1px solid black; width: 80%; margin-left: auto; margin-right: 0;"> </div> <div style="text-align: right; font-size: small;"> <div style="display: inline-block; text-align: center;">4/22/21</div> <div style="display: inline-block; text-align: center;">(date)</div> </div> <div style="font-size: small;">Michael J. McCurnin, P.E. Director of Engineering Services</div>	<div style="border-bottom: 1px solid black; width: 80%; margin-left: auto; margin-right: 0;"> </div> <div style="text-align: right; font-size: small;"> <div style="display: inline-block; text-align: center;">4/22/21</div> <div style="display: inline-block; text-align: center;">(date)</div> </div> <div style="font-size: small;">Ted Corrigan, P.E. CEO and General Manager</div>
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Attachments: Fifth Amendment, Assignment and Assumption of Permanent Easement Agreement, Water Service Enhancement Agreement

FIFTH AMENDMENT TO
WATER SERVICE ENHANCEMENT AGREEMENT

FIFTH AMENDMENT TO WATER SERVICE ENHANCEMENT AGREEMENT made and entered into as of the day of _____, 2021, by and between the CITY OF WAUKEE, IOWA ("WAUKEE") and the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA ("DMWW").

RECITALS:

- A. DMWW is a duly constituted utility board under the laws of Iowa, and as such it manages and controls the water works system serving the City of Des Moines, Iowa and environs.
- B. Waukee is a city which operates a municipal water utility.
- D. DMWW owns and operates a facility known as the Louise P. Moon Pumping Station ("LPMPS") constructed pursuant to a Water Service Enhancement Agreement dated May 26, 1992, which Waukee joined by addendum dated August 24, 1992 (the "Water Service Enhancement Agreement").
- E. Other water systems operated by the West Des Moines Water Works, City of Urbandale, Iowa, City of Clive, Iowa, and Xenia Rural Water District are additional parties to such agreement, which has been supplemented and amended from time to time.
- F. DMWW and Waukee have previously constructed a separate facility known as the Waukee Booster Station that functions as an extension of the LPMPS and has been operated and maintained by DMWW for the benefit of Waukee. The Waukee Booster Station was installed and constructed within a permanent easement area granted to DMWW by Waukee Public Schools, which was intended to be for the benefit of Waukee.
- G. DMWW and Waukee desire to clarify their respective roles with respect to the Waukee Booster Station and confirm that it is owned by Waukee.

NOW THEREFOR THE PARTIES AGREE AS FOLLOWS:

1. The Water Service Enhancement Agreement, as amended, is hereby further amended as it affects DMWW and Waukee.
2. Waukee is confirmed to be the legal owner of the building, and all improvements, piping and equipment that comprise the Waukee Booster Station (and necessary appurtenances) within the easement area provided for in the above-referenced easement, which includes the two supply lines that tap and connect to the larger diameter feeder mains just west of the station and the discharge line that connects to Waukee's water distribution system. See Exhibit A.

3. DMWW shall execute an assignment of the permanent easement to Waukee and will cause it to be filed in the real estate records of Dallas County.
4. DMWW shall continue to operate and maintain the Waukee Booster Station for the benefit of Waukee unless and until either party shall terminate such relationship on not less than six (6) months notice. DMWW shall continue to invoice Waukee quarterly for the full actual cost of such operation and maintenance and Waukee shall continue to pay such invoices.
5. Except as amended hereby the Water Service Enhancement Agreement, as previously amended, shall remain in full force and effect.

Dated: _____, 2021.

CITY OF WAUKEE, IOWA

By: 
Courtney Clarke, Mayor

ATTEST:

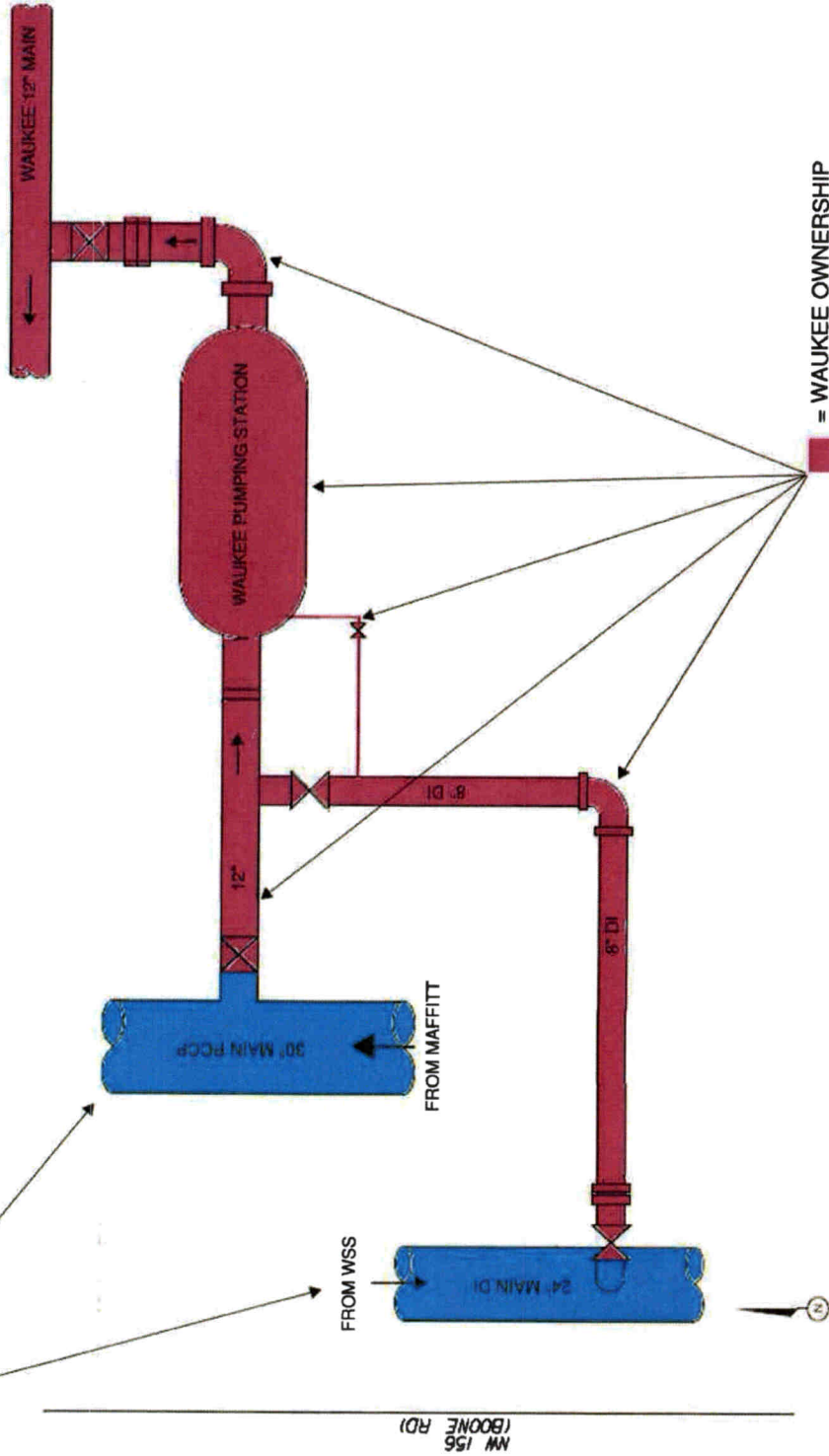

Rebecca D. Schuett, City Clerk

BOARD OF WATER WORKS TRUSTEES
OF THE CITY OF DES MOINES, IOWA

By: _____

ATTEST:

■ = DMWW RESPONSIBILITY



DES MOINES WATER WORKS
ENGINEERING DEPARTMENT

Des Moines, Iowa

EXHIBIT A

Prepared By/Return To: Benjamin D. Bruner, 699 Walnut Street, Suite 1600, Des Moines, IA 50309 (515) 244-2600
Taxpayer Statements To: Not applicable

ASSIGNMENT AND ASSUMPTION OF PERMANENT EASEMENT AGREEMENT

This **ASSIGNMENT AND ASSUMPTION OF PERMANENT EASEMENT AGREEMENT** (the "Agreement") is entered into as of the _____ day of _____, 2021 (the "Effective Date"), by and between the CITY OF DES MOINES, FOR THE USE AND BENEFIT OF THE BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES ("Assignor") and CITY OF WAUKEE, IOWA ("Assignee").

RECITALS:

WHEREAS, Assignor and Waukee Community School District (hereinafter "School District") entered into that certain Permanent Easement (related to a booster pump station and necessary piping and appurtenances related thereto) dated August 4, 1995, and recorded with the Dallas County recorder December 17, 1996 in Book 826, Page 1048 (the "Easement") for premises in Dallas County, Iowa, more particularly described on Exhibit A attached hereto and by this reference incorporated herein ("Easement Area").

WHEREAS, Assignor and Assignee hereby wish to acknowledge that it was the intent of the parties at time of the Easement that any and all improvements, buildings, fixtures, equipment, piping, supply lines, discharge lines and other appurtenances constructed, installed or otherwise located therein or thereon ("Booster Station Property") were for the sole benefit of Assignee, and the parties hereby wish to further acknowledge and clarify that the Assignee has at all times been the legal owner of such Booster Station Property.

NOW, THEREFORE, for consideration of One Dollar and other valuable consideration, and in consideration of the foregoing and the mutual covenants set forth below, the parties agree as follows:

1. ASSIGNMENT AND ASSUMPTION OF EASEMENT. Assignor does hereby sell, assign, transfer and convey unto Assignee, its successors and assigns, any and all of Assignor's right, title and interest in and to the Easement. Assignee, by accepting such assignment, agrees to assume the Easement and be substituted as "Acquiring Authority" (as that term is defined in the

Easement) under the Easement and to perform all the covenants, obligations and agreements of the Acquiring Authority under the Easement. Notwithstanding the foregoing, Assignor shall retain access to the Easement Area for purposes of operating and maintaining the Booster Station Property as provided for in a separate agreement between Assignor and Assignee.

2. OWNERSHIP OF BOOSTER STATION PROPERTY. Assignor and Assignee hereby acknowledge and otherwise agree that it was the intent of the parties at time of the Easement that any and all Booster Station Property was constructed and installed for the sole benefit of Assignee. The parties hereby acknowledge, confirm, and clarify that the Assignee was at all times the legal owner of such Booster Station Property, and remains the owner of the same as of the date of this Agreement.

3. AGREEMENT BINDING UPON SUCCESSORS. This Agreement shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

4. ENTIRE AGREEMENT. This Agreement contains the entire agreement of the parties relative to the subject matter hereof. It may not be terminated or modified except as done in writing and signed by both parties hereto.

5. APPLICABLE LAW. This Agreement shall be construed and interpreted under the laws of the state of Iowa.

6. COUNTERPARTS. This Assignment may be executed by the parties hereto in any number of counterparts, including without limitation any electronic signature sent via electronic mail, other portable document format, or facsimile, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute one and the same instrument.

7. FURTHER ASSURANCES. Upon request, and at the expense of the requesting party, each party shall at any time and from time to time execute and deliver further documents and do further acts to evidence, carry out and give full effect to the terms, conditions, intent and meaning of this Agreement and/or the Easement.

8. ATTORNEYS' FEES AND COSTS. If any legal action or any other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default, or misrepresentation in connection with any of the provisions of this Agreement, the successful or prevailing party or parties shall be entitled to recover reasonable attorneys' fees and other costs incurred in that action or proceeding, in addition to any other relief to which it or they may be entitled, including the fees and costs incurred in enforcing any judgment which may be obtained in said action.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first above written.

[SIGNATURE PAGES FOLLOW]

ASSIGNOR

BOARD OF WATERWORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA

By: _____
Name: _____
Title: _____


By: _____
Name: _____
Title: _____

STATE OF IOWA, COUNTY OF POLK, ss.

On this _____ day of _____, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared _____, to me personally known, and who, being by me duly sworn, did say that they are the _____ and _____ of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, that no seal has been procured by the entity; that the attached instrument was signed on behalf of the entity by authority of its Board, as contained in the resolution adopted by the Board on the _____ day of _____, 2021, and that _____ acknowledge the execution of the instrument to be the voluntary act and deed of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, by it and by them voluntarily executed.

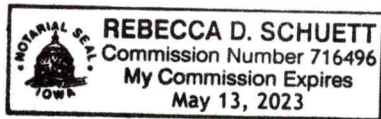
Notary Public in and for the State of Iowa

ASSIGNEE
CITY OF WAUKEE, IOWA

By: 
Name: Courtney Clarke
Title: Mayor

STATE OF IOWA, COUNTY OF DALLAS, ss:

On this 5th day of April, 2021, before me, the undersigned, a Notary Public in and for said County and State personally appeared Courtney Clarke, to me personally known, who being by me duly sworn, did say that he/she is Mayor, executing the within and foregoing instrument and acknowledged that he executed the same as his voluntary act and deed of the City of Waukee, Iowa, by it and by him/her voluntarily executed.



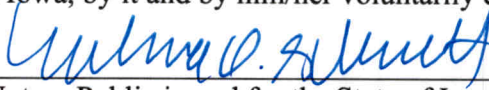
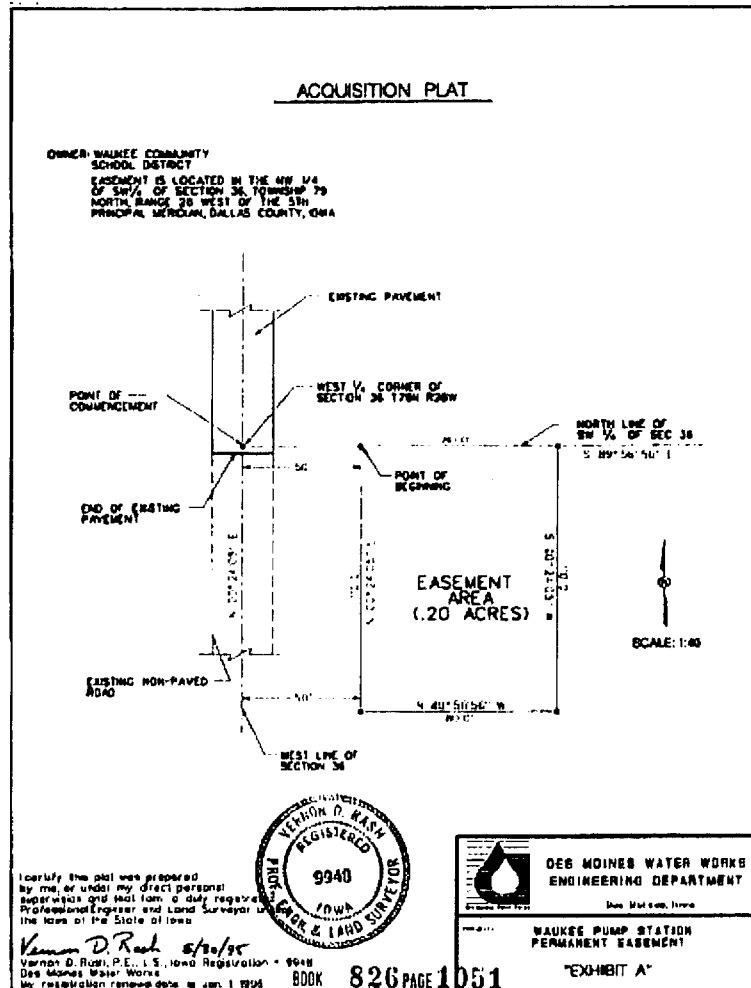

Notary Public in and for the State of Iowa

EXHIBIT A Easement Area

A parcel of land in the Southwest Quarter (SW 1/4) of Section 36, Township 79 North, Range 26 West of the Fifth Principal Meridian, Dallas County, Iowa, with said parcel more particularly described as follows:

Commencing at the West Quarter (W 1/4) corner of said Section 36, with the north line of said Southwest Quarter (SW 1/4) having an assumed true bearing of S 89° 56' 56" E with all subsequent bearings referenced therefrom; thence S 89° 56' 56" E, along said north line of Southwest Quarter (SW 1/4) of Section 36, 50.0 feet to the Point of Beginning; thence S 89° 56' 56" E along said north line of Southwest Quarter (SW 1/4) of Section 36, 80.0 feet; thence S 00° 24' 05" W, 110.0 feet; thence N 89° 56' 56" W, 80.0 feet; thence N 00° 24' 05" E along a line parallel with the west line of said Southwest Quarter (SW 1/4) of Section 36, 110.0 feet to the Point of Beginning.



WATER SERVICE ENHANCEMENT MASTER AGREEMENT

PARTIES:

The parties to this Agreement are the Board of Water Works Trustees of the City of Des Moines, Iowa ("Water Board") and such cities, utility boards, water districts and other entities (herein, for convenience, the "Participants") who shall elect to accept this Agreement and who shall execute a document so stating.

RECITALS:

Water Board manages and controls the water works system serving the City of Des Moines, Iowa and other communities. The Participants are located in western Polk County or eastern Dallas County, and all receive the whole or a portion of their present water service from Water Board or contemplate doing so.

The parties have determined that service to the Participants would be enhanced were a storage tank, pumping station, and feeder main incorporated into the water distribution system in the vicinity of the Polk-Dallas County line near Hickman Road (the "Improvements"). In consultation with the Participants, the present requirements of the Participants for storage, pumping and feeder main have been determined. Such requirements for each of the Participants is indicated on the separate document respecting that Participant. In addition to the requirements of the Participants, Water Board has determined that it would be in its own best interest to cause the Improvements to have additional capacity to meet future requirements of the Participants and other possible users in western Polk County and eastern Dallas County.

Water Board hereby offers to the Participants the following

AGREEMENT:

1. Water Board will, at its sole cost, risk and expense, cause the design and construction of the Improvements. The Improvements will be so designed and constructed as to service the existing mains now serving the Participants. Prior to commencement of construction, the plans shall be submitted for review to such of the Participants as shall then have accepted this Agreement.

2. The estimated cost of the Improvements is as follows: Storage Tank, \$2.4 million; Feeder Main, \$7.3 million; and Pumping Station, \$1.5 million. The actual cost of the Improvements including engineering and legal expense, shall be

determined by the Water Board and communicated to the Participants.

3. The cost as so determined of the water storage tank and the feeder main shall be allocated to each Participant as shown on the acceptance document relating to it.

The cost so determined for the pumping station shall be initially allocated among the Participants based on the "Peak Hour Design Flow Rate" in gallons per minute as determined by Water Board's computer modeling unless some other basis is mutually agreeable to Water Board and Participants.

The amounts so allocated shall be paid by each Participant to Water Board. Should any Participant elect not to pay such amount in full, then any amount not so paid shall be paid to the Water Board in accordance with, and proportionate to, the schedule of interest and principal payments due on the bonds which will be issued by Water Board the proceeds of which are actually used to finance the improvements plus an amount reasonably determined by Water Board as the Participant's proportionate share of the cost of arranging and administering the financing. A schedule of bond payments shall be furnished to each Participant not electing to pay its allocated share in full.

4. The cost of maintenance and operation of the Improvements shall be allocated among the Participants, Water Board, and any other Water Board customers served through the Improvements based on the actual proportionate gallonage pumped to each of them.

Such sum, as determined by Water Board, shall be added to and paid with the monthly water bills of each participant or in accordance with such payment schedules determined to be acceptable to Participant and Water Board.

5. It is understood that any of the Participants may receive an increased allocation of the Improvements should Water Board not have allocated it to others by notifying Water Board of its intention to do so. It shall thereupon pay to Water Board the difference between its new allocation of the capacity of the Improvements and its initial allocation of such capacity based on then-current Engineering News Record construction cost index value compared with such value at the time the Improvements were constructed.

6. Any of the Participants shall have the right to reallocate capacities among themselves or allocate capacity to third parties, but any such reallocation or allocation shall be subject to the approval of Water Board, which approval shall not be unreasonably withheld.

7. It is expressly understood that Water Board retains the right to use the capacity retained by it to serve others, and each of the Participants grant to the Water Board the right to use a part or parts of their respective systems for the delivery of water to others; but such grant is conditioned upon its use not adversely affecting service to such Participant, and the rates for such Participant shall be equitably reduced to fairly reflect the capacity of such system diverted to Water Board's use. Prior to exercising such right to use the system of Participants for service to others, Water Board shall give any such Participant not less than thirty (30) days' notice of its intent to do so.

8. The allocation of various costs hereunder are based upon a "Joint West Side Storage/Pumping Facility Report." Should the assumptions made in such report so materially change as to require reallocation of any cost hereunder the parties shall endeavor to agree upon such reallocation.

9. Should the parties be unable to agree upon the amount of any cost or expenses referred to herein or should they be unable to agree upon the allocation of costs among them, or should any other dispute arise concerning the interpretation or operation of this agreement which the parties are unable to resolve, then any such dispute shall be submitted to an arbitrator agreeable to a majority of them; or, in the absence of such agreement, to an arbitrator chosen by the Chief Judge of the Fifth Judicial District of the State of Iowa. In either event, the determination of such arbitrator as to the dispute submitted to him shall be final.

10. This shall become an agreement binding upon the Water Board at such time as the first Participant has accepted its terms. Such acceptance shall be substantially in the form of Exhibit A hereto attached. This document, together with the acceptances of it by the Participants, shall be construed as one agreement as though each of the parties had signed the same document.

Dated this 26th day of May, 1992.

BOARD OF WATER WORKS TRUSTEES OF THE
CITY OF DES MOINES, IOWA

By: John A. Crivaro
John A. Crivaro, Chairperson

ACCEPTANCE OF WATER SERVICE ENHANCEMENT MASTER AGREEMENT

BY WEST DES MOINES WATER WORKS

West Des Moines, Iowa

The offer to enter into a Water Service Enhancement Master Agreement by the Board of Water Works Trustees of the City of Des Moines, Iowa dated May 26, 1992 is accepted by the undersigned and it agrees to be bound thereby. It further states that its present requirements are as follows:

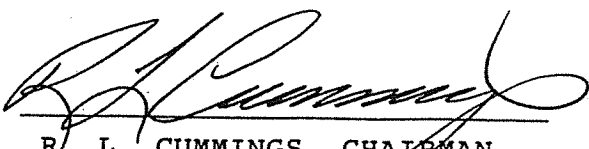
Storage	<u>1.0</u>	million gallons
Pumping	<u>1,800</u>	gallons per minute
Feeder Main	<u>904</u>	gallons per minute

It further acknowledges that the percentage of the cost of the water storage tank initially allocated to it is 19%, the percentage of the cost of the pumping station initially allocated to it is 8%, and the percentage of the cost of the feeder main initially allocated to it is 9%.

Dated this 14th day of April, ~~1992~~ ¹⁹⁹³.

WEST DES MOINES WATER WORKS
West Des Moines, Iowa

By:


R. L. CUMMINGS, CHAIRMAN

MEMORANDUM OF UNDERSTANDING

The Board of Water Works Trustees of the City of Des Moines, Iowa ("Des Moines") and the Board of Water Works Trustees of the City of West Des Moines, Iowa ("West Des Moines") wish to set forth their mutual understanding in respect to paragraph 7 of that certain Water Service Enhancement Master Agreement signed by Des Moines on May 26, 1992 and by West Des Moines on April 14, 1993, the terms of which are accepted by West Des Moines contemporaneously herewith.

It is understood that because West Des Moines' water distribution system (other than such part of the system as may be constructed in furtherance of the Water Service Enhancement Master Agreement) is presently, and for the foreseeable future will be, carrying water produced by West Des Moines as well as Des Moines, Des Moines disclaims any right to use any part of such water distribution system for transporting water to others under paragraph 7 of the Water Service Enhancement Master Agreement unless and until there be an express written agreement between West Des Moines and Des Moines permitting it to do so.

Dated this 7 day of Sept., 1993.

BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA

By Marilyn R. Spina
Chairperson

BOARD OF WATER WORKS TRUSTEES OF THE CITY OF WEST DES MOINES, IOWA

By R. L. Cunningham
Chairperson

08/27/92

08:22

Tel 508 987 1845

CITY OF WAUKEE

copy of this
Accepted
made on 7/10/92

ACCEPTANCE OF WATER SERVICE ENHANCEMENT MASTER AGREEMENT

BY CITY OF WAUKEE

Waukee, Iowa

The offer to enter into a Water Service Enhancement Master Agreement by the Board of Water Works Trustees of the City of Des Moines, Iowa dated August 24, 1992 is accepted by the undersigned and it agrees to be bound thereby. It further states that its present requirements are as follows:

Storage	<u>.4</u> million gallons
Pumping	<u>925</u> gallons per minute
Feeder Main	<u>2,225</u> gallons per minute

It further acknowledges that the percentage of the cost of the water storage tank initially allocated to it is 22%, the percentage of the cost of the pumping station initially allocated to it is 8%, and the percentage of the cost of the feeder main initially allocated to it is 22%.

Dated this 24th day of August, 1992.

CITY OF WAUKEE

Share &

Tam
Bn Clue S

By:

Floyd W. Rosenkranz
Floyd W. Rosenkranz, Mayor

ACCEPTANCE OF WATER SERVICE ENHANCEMENT MASTER AGREEMENT

BY CITY OF CLIVE

Clive, Iowa

The offer to enter into a Water Service Enhancement Master Agreement by the Board of Water Works Trustees of the City of Des Moines, Iowa dated May 26, 1992 is accepted by the undersigned and it agrees to be bound thereby. It further states that its present requirements are as follows:

Storage	<u>1.5</u>	million gallons
Pumping	<u>1,500</u>	gallons per minute
Feeder Main	<u>500</u>	gallons per minute

It further acknowledges that the percentages of the cost of the water storage tank initially allocated to it is 29.5 %, and the percentage of the cost of the feeder main initially allocated to it is 5 %.

Dated this 25th day of June, 1992.

CITY OF CLIVE, IOWA

By: [Signature]

O. Gene Maddox, Mayor

0100

ACCEPTANCE OF WATER SERVICE ENHANCEMENT MASTER AGREEMENT

BY URBANDALE WATER BOARD OF TRUSTEES

Urbandale, Iowa

The offer to enter into a Water Service Enhancement Master Agreement by the Board of Water Works Trustees of the City of Des Moines, Iowa dated _____, 1992 is accepted by the undersigned and it agrees to be bound thereby. It further states that its present requirements are as follows:

Storage	<u>2.0</u> million gallons
Pumping	<u>4,117</u> gallons per minute
Feeder Main	<u>3,206</u> gallons per minute

It further acknowledges that the percentages of the cost of the water storage tank initially allocated to it is 38 %, and the percentage of the cost of the feeder main initially allocated to it is 32 %.

Dated this 9th day of JUNE, 1992.

URBANDALE WATER BOARD OF TRUSTEES

By: _____

J. B. DRESSEN, Chairman

AGENDA ITEM FORM

SUBJECT: Request Permission to Issue Purchase Order for Rehabilitation of Lime Sludge Dewatering Press Equipment

SUMMARY:

- Des Moines Water Works (DMWW) has used the lime softening process to remove hardness as part of the water treatment process since 1948. The lime softening process produces large quantities of calcium carbonate and magnesium hydroxide precipitates. These precipitates are also referred to as "lime residuals" or "lime sludge."
- The Fleur Drive Water Treatment Plant does not have the capability to store the lime residuals that are a byproduct of the lime softening process.
- DMWW contracts with an outside firm to dispose of the lime residuals produced at the Fleur Drive and L. D. McMullen Water Treatment Plants. The contract includes removing, loading, hauling and disposal of the lime residuals.
- The lime residuals produced by the lime softening process contain a large amount of water. Removal of water from the lime residuals is required to reduce the volume of lime residuals that need to be disposed.
- The Lime Sludge Dewatering Facility was constructed at the Fleur Drive Water Treatment Plant and placed in service in the early 1990s. This facility removes a significant amount of water from the lime residuals, increasing the percent of solids from 1 to 3 percent solids to 50 to 65 percent solids.
- The Lime Sludge Dewatering Facility includes four plate and frame filter presses designed and manufactured by Evoqua Water Technologies LLC (Evoqua). These filter presses are nearing the end of their operational life and need significant rehabilitation. The rehabilitation work includes replacement of plate hangers and hanger brackets, replacement of feed and liner pipes, installation of new drip trays and replacement of the filter plates.
- Delivery time for some of the replacement equipment and parts from Evoqua is eight weeks. Staff intends to purchase the replacement equipment and parts from Evoqua now and is currently negotiating the terms of a separate maintenance agreement with Evoqua to install the purchased replacement parts and equipment.
- The cost estimate for only the replacement equipment and parts is \$342,388.
- Evoqua's design for the filter press equipment is proprietary which makes the parts unique to the DMWW filter presses. In addition, since Evoqua is the designer and builder of the filter presses, staff believes Evoqua is the only firm that can restore the equipment back to its designed operating condition.
- Staff recommends the Board of Water Works Trustees authorize staff to issue a Purchase Order to Evoqua Water Technologies LLC, in the amount of \$342,388 for the necessary parts and equipment for the rehabilitation of the existing lime sludge dewatering press equipment in the Lime Sludge Dewatering Facility.

FISCAL IMPACT:



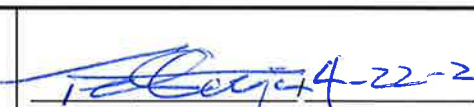
Funds for this project will come from the Lime Sludge Filter Press project included in the 2021 budget.

RECOMMENDED ACTION:

Authorize staff to issue a Purchase Order to Evoqua Water Technologies LLC, in the amount of \$342,388, for the necessary parts and equipment for the rehabilitation of the existing lime sludge dewatering press equipment in the Lime Sludge Dewatering Facility.

BOARD REQUIRED ACTION:

Motion to authorize staff to issue a Purchase Order to Evoqua Water Technologies LLC, in the amount of \$342,388, for the necessary parts and equipment for the rehabilitation of the existing lime sludge dewatering press equipment in the Lime Sludge Dewatering Facility.

 Vern Rash, P.E., L.S. (date) Project Manager	 Michael J. McCurnin, P.E. (date) Director of Engineering Services	 Ted Corrigan, P.E. (date) CEO and General Manager
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AGENDA ITEM FORM

SUBJECT: Request Authorization to Execute 28E Agreement By and Between The Board of Water Works Trustees of the City of Des Moines, Iowa, and West Des Moines Water Works regarding Withdrawal of Water for Treatment from the Raccoon River Alluvial Sources

SUMMARY:

- West Des Moines Water Works (WDMWW) sought a water withdrawal permit from the Iowa Department of Natural Resources (IDNR) to withdraw water from Raccoon River alluvial sources for a possible future water treatment plant near Van Meter, Iowa. IDNR has recommended issuance of permit 10318 to WDMWW. The permit contained three flow trigger conditions:
 - When 114 cfs is measured at 63rd St. Gage, withdrawal is reduced from 8333 gpm (gallons per minute) to 2000 gpm.
 - When 10 cfs is measured at 63rd St. Gage, withdrawal is reduced from 2000 gpm to 0 gpm.
 - When 10 cfs is measured at Van Meter Gage, withdrawal is reduced from 2000 gpm to 0 gpm.
- Des Moines Water Works (DMWW) has appealed IDNR's recommendation to grant permit 10318 because DMWW does not feel the permit conditions adequately ensure enough water will be available for DMWW.
- While the administrative elements of the appeal process have been awaiting, DMWW and WDMWW staff have been discussing the possibility of negotiating a resolution to the DMWW concerns about sufficient water quantity.
- The outcome of recent discussions and negotiations is a 28E agreement with the following key elements:
 - Withdrawal Limitations and Water Shortage Plan Coordination: The 28E agreement effectively adds a fourth flow trigger (10 cfs at Fleur Drive Bridge Gage) that will restrict WDMWW water withdrawals at the new site from 2000 gpm to 0 gpm. For the fourth trigger to be valid, DMWW is required to exhaust flexibility with its own regulated water withdrawals AND WDMWW shall be at a matching step to DMWW in regard to Water Shortage Plan execution. Should WDMWW fail to be at a matching step in Water Shortage Plan, the fourth flow trigger is valid without DMWW exercising flexibility with its own regulated water withdrawals.
 - Dismissal of Appeal: DMWW agrees to withdraw and dismiss its appeal to the issuance of permit 10318.
 - Duration: The duration of 28E agreement is 40 years from the effective date.
 - Remedies and Dispute Resolution: Language within 28E allows non-breaching party to obtain an immediate injunction to allow enforcement of the agreement.
- Legal counsel for both WDMWW and DMWW have reviewed the 28E agreement.

FISCAL IMPACT:



No fiscal impact.

RECOMMENDED ACTION:

Approve the 28E Agreement By and Between the Board of Water Works Trustees of the City of Des Moines, Iowa, and West Des Moines Water Works regarding withdrawal of water for treatment from the Raccoon River alluvial sources.

BOARD REQUIRED ACTION:

Motion to approve and authorize the Chairperson to execute 28E Agreement By and Between the Board of Water Works Trustees of the City of Des Moines, Iowa, and West Des Moines Water Works regarding withdrawal of water for treatment from the Raccoon River alluvial sources.

<div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: right;">(date)</div>	<div style="text-align: center;">  Michael J. McCurnin, P.E. (date) 4/22/21 Director of Engineering Services </div>	<div style="text-align: center;">  Ted Corrigan, P.E. (date) 4-22-21 CEO and General Manager </div>
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**Iowa Code Chapter 28E Agreement By and Between The Board of Water Works Trustees
of the City of Des Moines, Iowa, and the West Des Moines Water Works**

This 28E Agreement ("Agreement") is entered into by and between the West Des Moines Water Works ("WDMWW"), and the Board of Water Works Trustees of the City of Des Moines, Iowa ("Des Moines Water Works" or "DMWW" and collectively with WDMWW, "Parties"), and the Parties agree as follows:

Preamble

Whereas, WDMWW has sought a water withdrawal permit from the Iowa Department of Natural Resources ("IDNR") to withdraw water for treatment from Raccoon River alluvial sources, and IDNR has recommended issuance of permit 10,318 to WDMWW.

Whereas, IDNR's permit condition 9 requires that when 114 cubic feet per second ("cfs") is measured at the 63rd Street gage for a sustained 48-hour period, WDMWW is required to reduce withdrawal from the Raccoon River alluvial sources from 8,333 gallons per minute ("gpm") to 2,000 gpm.

Whereas, IDNR's permit condition 10 requires WDMWW to reduce withdrawal from the Raccoon River alluvial sources from 2,000 gpm to 0 gpm when 10 cfs is measured at the Van Meter gage.

Whereas, IDNR's permit condition 11 requires WDMWW to cease withdrawals from all Raccoon River alluvial sources when Raccoon River flow measured at the 63rd Street gage is at or below 10 cfs.

Whereas, DMWW has appealed IDNR's decision to grant permit 10,318 under the conditions set forth above, because DMWW contends that the conditions established by IDNR do not adequately ensure a sufficient quantity of water will be available for DMWW.

Now therefore, in consideration of the premises set forth above, and for mutual consideration, the receipt and sufficiency of which is expressly acknowledged, the Parties agree as follows:

Agreement

1. Definitions. Terms not specifically defined below are defined throughout the remainder of the Agreement:

1.1 "63rd Street gage" means USGS gage #05484650.

1.2 "Effective Date" of this Agreement will be the date of filing of the agreement with the Iowa Secretary of State as required by Iowa Code § 28E.5.

1.3 "Fleur Drive Bridge gage" means USGS gage #05484900

1.4 “DMWW Water Shortage Plan” means the plan described in Section 515 of the Water Service Rules and Regulations Administrative Procedures of DMWW, as amended from time to time. A copy of the DMWW Water Shortage Plan in effect on the date of execution of this Agreement is attached as Exhibit A.

1.5 “WDMWW Water Shortage Plan” means the plan of WDMWW which is similar to the DMWW Water Shortage Plan, and which is intended to reduce consumption of water during periods of limited supply. A copy of the WDMWW Water Shortage Plan in effect on the date of execution is attached as Exhibit B.

1.6 “New West Des Moines Plant” means the new the proposed west regional treatment plant located east of the City of Van Meter.

1.7 “Permit” means Permit Number 10,318 issued by IDNR to WDMWW for withdrawal of water from the Raccoon River and Raccoon River alluvial sources.

1.8 “Permit Conditions” refers to:

Permit Condition 9, which requires that when 114 cfs is measured at the 63rd Street gage for a sustained 48-hour period, WDMWW is required to reduce withdrawal from the Raccoon River alluvial sources from 8,333 gpm to 2,000 gpm;

Permit Conditions 10 and 11, which require WDMWW to reduce withdrawal from the Raccoon River alluvial sources from 2,000 gpm to 0 gpm when any of the following conditions are present: (a) 10 cfs is measured at the Van Meter gage, or (b) 10 cfs is measured at the 63rd Street gage.

1.9 “Van Meter gage” means USGS gage ID# 05484500.

2. Purpose and Compliance with Chapter 28E.

2.1 Iowa Code Chapter 28E permits WDMWW and DMWW to cooperate in ways of mutual advantage. To that end, WDMWW and DMWW intend to enter into an agreement to manage the flow in the Raccoon River for the benefit of WDMWW and DMWW ratepayers.

2.2 The purpose of this Agreement is to augment the Permit Conditions to provide clarity and eliminate uncertainty regarding the availability of the Raccoon River during periods of drought, low stage and discharge conditions, and other conditions.

2.3 In order to comply with Iowa Code § 28E.6(1)(a), the Parties have identified the CEO/General Manager of DMWW as the sole administrator of this Agreement. Each party shall at all times hold and own its respective properties. Each party shall be solely authorized to supervise, direct, and manage its own activities and the activities of its respective employees and agents hereunder. Each party shall retain sole responsibility and liability for its own acts and omissions hereunder and for the acts and omissions of its

respective employees and agents hereunder, and each party waives subrogation against the other for all claims, suits, damages, and demands which are covered by any insurance, including but not limited to property, casualty and workers compensation insurance.

2.4 No separate entity is created by this Agreement.

2.5 The parties do not anticipate, and this Agreement has no provisions for, the joint expenditure of funds. Any expenditures necessary as a result of actions taken pursuant to this Agreement will be provided by DMWW and WDMWW independent of each other, and as necessary to fulfill their obligations under the Agreement.

3. Dismissal of Appeal. DMWW agrees to withdraw and dismiss its appeal of the Permit within 14 days of the Effective Date.

4. Withdrawal Limitations. DMWW and WDMWW agree that the following conditions apply to WDMWW's withdrawal:

4.1 WDMWW shall reduce water withdrawals from all Raccoon River alluvial sources in Permit 10,318 to 2,000 gpm (4.46 cfs) when Raccoon River flow at the 63rd Street gage is at or below 114 cfs for a sustained 48-hour period.

4.2 WDMWW shall cease water withdrawals from all Raccoon River alluvial sources in Permit 10,318 when Raccoon River flow measured at the Van Meter gage is at or below 10 cfs.

4.3 WDMWW shall cease water withdrawals from all Raccoon River alluvial sources in Permit 10,318 when Raccoon River flow measured at the 63rd Street gage is at or below 10 cfs.

4.4 When Raccoon River flow measured at the Fleur Drive Bridge gage is at or below 10 cfs for a 12-hour period then WDMWW will reduce its withdrawal from all Raccoon River alluvial sources listed in Permit 10,318 from 2,000 gpm to 0 gpm, subject to the following:

a. DMWW is at Stage III or higher of the DMWW Water Shortage Plan; and

b. When river flow measured at the 63rd Street gage is less than 114 cfs, DMWW will exercise the flexibility DMWW has with DMWW's withdrawal permit to use other sources such as the Des Moines River, provided they are available, or with treatment with existing in-place technology can be made available, to delay the 10 cfs condition at the Fleur Drive Bridge gage;

c. The viability of other sources and the availability of treatment will be determined by DMWW using DMWW's best judgment, but DMWW will explain in writing its operational decisions to WDMWW whenever this Section 4.4 is triggered.

4.5 When Raccoon River flow measured at the Fleur Drive Bridge gage is at or

below 10 cfs for a 12-hour period and WDMWW has failed to implement an equivalent stage of the WDMWW Water Shortage Plan compared to the stage DMWW has implemented of the DMWW Water Shortage Plan then WDMWW will reduce its withdrawal from all Raccoon River alluvial sources from 2,000 gpm to 0 gpm.

4.6 For purposes of this Agreement, DMWW and WDMWW agree that the DMWW Water Shortage Plan and WDMWW Water Shortage Plan will be at least as stringent as the respective plans are on the date of execution of this Agreement.

4.7 The limitations of this Section 4 only apply when the New West Des Moines Plant is fully operational and in use.

5. Duration. This Agreement will commence on the Effective Date and remain effective for forty (40) years from the Effective Date unless and until a more restrictive standard is set forth in a future permit.

6. Remedies and Dispute Resolution.

6.1 Injunction. The Parties acknowledge and agree that the purpose of this Agreement is to eliminate uncertainty regarding the availability of water during periods of drought, low stage and discharge conditions, and other conditions. In order to effectuate that purpose, the Parties agree that failure by WDMWW or DMWW to comply with the terms of this Agreement will cause irreparable harm to the other party, and will entitle the non-breaching party to obtain an immediate injunction to enforce this Agreement. The Parties further agree to waive the requirement of a bond.

7. General Provisions.

7.1 The Parties expressly acknowledge that all provisions of this Agreement will be performed by the Parties in good faith.

7.2 Notice. Any notice required by this Agreement will be provided to:

DMWW:
Des Moines Water Works
Attn: CEO/General Manager
2201 George Flag Parkway
Des Moines, IA 50321-1190

WDMWW:
West Des Moines Water Works
Attn: CEO/General Manager
1505 Railroad Ave
West Des Moines, Iowa 50265

7.3 Interpretation. If any section, provision or article of this Agreement shall be found to be invalid or unconstitutional, such finding shall not affect the validity of the Agreement as a whole or any section, provision or article thereof not found to be invalid or unconstitutional.

7.4 Entire Agreement. This Agreement represents the entire agreement between the parties related to the Permit. Any subsequent change or modification to the terms of

this Agreement shall be in the form of a duly approved written amendment to this Agreement executed by both Parties.

7.5 Governing Law. This Agreement shall be governed by, construed and enforced in accordance with the laws of the State of Iowa. The venue for resolution of any dispute will be the Iowa District Court for Polk County.

7.6 Partnership Disclaimer. It is mutually understood that nothing in this Agreement is intended or shall be construed as in any way creating or establishing a partnership between the parties hereto, or as constituting either party as an agent or representative of the other for any purpose or in any manner, other than as specified herein.

7.7 Counterparts. This Agreement may be executed in multiple counterparts, each of which so executed shall be deemed to be an original.

7.8 Assignment. This Agreement is automatically binding on successors and assigns of DMWW and WDMWW, including successors and assigns of the infrastructure used to withdraw water pursuant to permits issued by IDNR for withdrawal of water from the Raccoon River.

IN WITNESS THEREOF, the Parties have caused this Agreement to be executed in counterparts, each of which shall be considered an original.

[Signatures on the following page]

BOARD OF WATER WORKS TRUSTEES
OF THE CITY OF DES MOINES, IOWA

By: _____

Graham Gillette, Board Chairperson

Attest: _____

Ted Corrigan, General Manager and CEO

STATE OF IOWA)
) SS:
COUNTY OF POLK)

On this _____ day of _____, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared Graham Gillette and Ted Corrigan, to me personally known, and, who being by me duly sworn, did say that they are the Board Chairperson and the Chief Executive Officer and General Manager of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, that no seal has been procured by the entity; that the instrument was signed on behalf of the entity by authority of its Board as contained in the resolution adopted by the Board on the ____ day of _____, 2021, and that Graham Gillette and Ted Corrigan acknowledged the execution of the instrument to be the voluntary act and deed of the BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IOWA, by it and by them voluntarily executed.

Notary Public in and for the State of Iowa

WEST DES MOINES WATER WORKS

By: Scott Brennan

Scott Brennan, Board Chairperson

Attest: Christina Murphy

Christina Murphy, General Manager

STATE OF IOWA)
)
COUNTY OF POLK) SS:

On this 5th day of April, 2021, before me, a Notary Public in and for the State of Iowa, personally appeared Scott Brennan and Christina Murphy, to me personally known, and, who being by me duly sworn, did say that they are the Board Chairperson and the Chief Executive Officer and General Manager of the WEST DES MOINES WATER WORKS, that no seal has been procured by the entity; that the instrument was signed on behalf of the entity by authority of its Board as contained in the resolution adopted by the Board on the 24th day of March, 2021, and that Scott Brennan and Christina Murphy acknowledged the execution of the instrument to be the voluntary act and deed of the WEST DES MOINES WATER WORKS, by it and by them voluntarily executed.

Pat Mullenbach

Notary Public in and for the State of Iowa

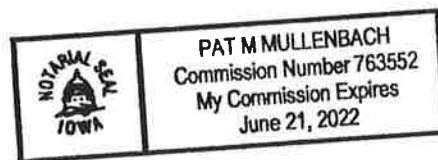


Exhibit A – DMWW Water Shortage Plan

515 WATER SHORTAGE PLAN

515.1 INTRODUCTION

This plan will apply to all direct retail customers of Des Moines Water Works. Municipal water systems and rural water systems that purchase water for resale are not subject to this plan, however, it is anticipated that all such municipal and rural systems will implement parallel water shortage plans which will result in reductions in demand similar to those described in this plan.

The intent of Des Moines Water Works' Water Shortage Plan is to manage system demand so customers do not experience pressure, quality, or availability issues during periods of extreme water demand or during other times when water availability may be limited due to other events, such as raw water shortage, water quality events, or mechanical failures.

The goal at each stage in the plan is to reduce system demands to 85% or less of the "Current Capacity" to produce safe drinking water, as defined in this plan.

Nominal capacity of the Des Moines Water Works system is 100 MGD. Winter demand in a typical year averages approximately 40 MGD as shown in Figure A. Seasonal outdoor water use including moderate irrigation, increases demand to an average of approximately 60 MGD during the summer months as shown in Figure A. The majority of demand above 60 MGD is attributed to be irrigation. Heavy irrigation causes spikes in demand which can reach more than 95 MGD.

Based on historic consumption patterns, irrigation, primarily turf irrigation, accounts for as much as 40 MGD of demand during heavy irrigation periods. Thus, a 25% reduction in irrigation should result in a 10 MGD reduction in total demand to approximately 85 MGD, a reduction of more than 10% compared to peak demand otherwise expected. This is the premise of Stage I. Stage I may be skipped if a water shortage occurs during a time of year when irrigation demand is not significant.

Based on historic consumption patterns, total outdoor water use accounts for as much as 50 MGD of demand during heavy irrigation events. Thus, a 50% reduction in outdoor water use should result in a 25 MGD reduction in total demand to 70 MGD, a reduction of more than 25% compared to peak demand otherwise expected. This is the premise of Stage II. Stage II may be skipped if a water shortage occurs during a time of year when outdoor water use is not significant.

Based on the foregoing analysis, that irrigation accounts for as much as 40 MGD of the demand during heavy irrigation periods, and understanding that the vast majority of this is turf irrigation, prohibiting turf irrigation should result in a 40 MGD reduction in total demand to approximately 55 MGD, a reduction of more than 40% compared to peak demand otherwise expected. This is the premise of Stage III. Stage III may be skipped if a water shortage occurs during a time of year when irrigation demand is not significant.

Limiting consumption to a representative average of off peak months, plus or minus a small allowance, will result in a demand of approximately 40 MGD, a reduction of nearly 60% compared to peak consumption. This is the premise of Stage IV.

The stages of this plan are not necessarily consecutive. When a water shortage occurs the stage deemed most appropriate for the conditions will be implemented.

515.2 CURRENT CAPACITY TO PRODUCE SAFE DRINKING WATER AND EXPECTED PEAK DEMAND

515.2.1 CURRENT CAPACITY

The current capacity to produce safe drinking water on any day is referred to "Current Capacity" or C_{Total} . Current Capacity is defined as the amount of water Des Moines Water Works can produce and deliver on any day taking into consideration raw water availability and quality, seasonal treatment efficacy, and any mechanical or operational issues on that given day. The number will vary seasonally and may vary day to day depending on specific water quality and operational conditions. Current Capacity is computed as the sum of the daily capacities of the individual Des Moines Water Works treatment plants and may be expressed in the following formula:

$$C_{Total} = C_{Fleur} + C_{McMullen} + C_{Saylorville}$$

Current Capacity will be evaluated on a daily basis when there is potential for a water shortage. Des Moines Water Works Water Production staff will perform the daily evaluation and report the Current Capacity in Million Gallons per Day.

515.2.2 EXPECTED PEAK DEMAND

“Expected Peak Demand” is defined as the peak daily demand that is expected by the Des Moines Water Works without implementation of water shortage measures under this plan.

515.3 STAGE I: VOLUNTARY 25% REDUCTION IN TURF IRRIGATION

515.3.1 TRIGGER

During a period of substantial irrigation demand, when Expected Peak Demand reaches 90% of Current Capacity or system demand is generating a high number of areas with low pressure, or there are other indications that without wise usage of water, a shortage could occur.

515.3.2 ANTICIPATED IMPACT

It is anticipated that Stage I will most likely be triggered during peak irrigation season. In a typical year irrigation can account for as much as 40 MGD of demand on a peak day. If this is the case, a 25% reduction in irrigation will result in a 10 MGD reduction in total demand. At peak demand 10 MGD would be more than a 10% reduction.

515.3.3 GOAL

A 10% reduction in system demands as compared to Expected Peak Demand.

515.3.4 ACTION (Revised January 1, 2021)

515.3.4.1 Request a **metro wide** 25% reduction in lawn irrigation.

515.3.4.2 Encourage customers to optimize their irrigation systems so water is not directed onto impervious surfaces and turf is not overwatered.

- 515.3.4.3 Recommend customers irrigate on alternate days and excluding Mondays (historically a peak demand day), by a system under which even numbered addresses water only on even days of the month, and odd-numbered addresses water only on odd-numbered days of the month.
- 515.3.4.4 Suspend Des Moines Water Works' hydrant flushing program except for water quality purposes.
- 515.3.4.5 Request that City officials minimize high water use activities such as street sweeping and watering golf course fairways.
- 515.3.4.6 Coordinate with wholesale customers to ensure they are relaying the same message.

515.3.5 ENFORCEMENT

There will be no enforcement at this stage.

515.4 STAGE II: VOLUNTARY 50% REDUCTION IN OUTDOOR WATER USE (INCLUDING TURF IRRIGATION)

515.4.1 TRIGGER

During a period of substantial irrigation demand, after Stage I has been implemented and failed to achieve an adequate reduction in consumption, when Expected Peak Demand exceeds 90% of Current Capacity, or system demand continues to generate areas of low pressure, or there are other indications that without further reductions in demand, a shortage could occur.

515.4.2 ANTICIPATED IMPACT

It is anticipated that Stage II will most likely be triggered during the peak outdoor water use season. In a typical year outdoor water use can account for as much as 50 MGD of demand on a peak day. If this is the case, a 50% reduction in outdoor water use will result in a 25 MGD reduction in total demand. At peak demand 25 MGD would be more than a 25% reduction.

515.4.3 GOAL

A 25% reduction in system demands as compared to Expected Peak Demand.

515.4.4 ACTION (Revised January 1, 2021)

515.4.4.1 Request customers further reduce water consumption by taking the following measures in addition to those implemented in Stage I:

515.4.4.1.1 Request a **metro wide** 50% reduction in outdoor water use.

515.4.4.1.2 Remind customers to optimize their irrigation systems so water is not directed onto impervious surfaces and turf is not overwatered.

515.4.4.1.3 Reinforce the recommendation for customers to irrigate on alternate days and excluding Mondays.

515.4.4.1.4 Encourage wise use of water during outdoor activities including washing cars, playing in the sprinkler, playing with water toys, and filling swimming pools.

515.4.4.1.5 Encourage wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.

515.4.4.2 Coordinate with wholesale customers to ensure they are relaying the same message.

515.4.4.3 Request that public agencies (City, County, or State) set an example by:

515.4.4.3.1 Closing recreational facilities
with known water inefficiencies.

515.4.4.3.2 Suspend the operation of
decorative fountains.

515.4.5 ENFORCEMENT

There will be no enforcement at this stage.

515.5 STAGE III: TURF IRRIGATION PROHIBITED AND NO USE OF
AUTOMATIC IRRIGATION SYSTEMS

515.5.1 TRIGGER

During a period of substantial irrigation demand, after Stage I and Stage II have been implemented and failed to achieve an adequate reduction in consumption, when Expected Peak Demand exceeds 90% of Current Capacity, or system demand continues to generate areas of low pressure, or there are other indications that without further reductions in demand, a shortage could occur.

515.5.2 ANTICIPATED IMPACT

It is anticipated that Stage III will most likely be triggered during peak irrigation season. In a typical year irrigation, primarily turf irrigation, can account for as much as 40 MGD of demand on a peak day. If this is the case, prohibiting irrigation will result in a 40 MGD reduction in total demand. At peak demand 40 MGD would be almost a 40% reduction.

515.5.3 GOAL

A 40% reduction in system demands as compared to Expected Peak Demand.

515.5.4 ACTION

Require customers to further reduce water consumption by suspending **all** turf irrigation and the use of **all** automatic irrigation systems. This reduction is in addition to all steps implemented in Stage I and Stage II.

515.5.5 ENFORCEMENT

Customers observed by DMWW irrigating in violation of this policy will be notified by a tag left at the property. If irrigation is not suspended within 48 hours, water service will be terminated and the published termination fee will apply. Water service will be restored only upon receipt, by the Des Moines Water Works, of an undertaking by the customer that the customer understands and will comply with the mandatory conservation measures. Any subsequent violation will result in further termination of service. In addition the use of water for irrigation in violation of this plan shall be deemed an unauthorized use of water and Section 511.12 "Charges for the Unauthorized Use of Water/Metering Tampering", of these Rules and Regulations shall apply and must be paid before water service will be restored.

515.6 STAGE IV: WATER RATIONING

515.6.1 TRIGGER

During periods of substantial irrigation demand, after Stage I, Stage II, and Stage III have been implemented and failed to achieve an adequate reduction in consumption, when Expected Peak Demand exceeds 90% of Current Capacity, or system demand is generating a high number of areas with low pressure, or there are other indications that without wise usage of water, a shortage could occur.

Stage IV may also be invoked, without resort to Stages I through III, if Expected Peak Demand exceeds 90% of Current Capacity for any reason that cannot be addressed by the measures contemplated by Stages I through III.

515.6.2 ANTICIPATED IMPACT

It is anticipated that Stage IV will only be triggered in the event of a significant and severe water shortage, or other event, which severely reduces capacity relative to demand. In this case a reduction in demand to the lowest level which will meet public health and safety standards will be sought.

515.6.3 GOAL

A reduction in system demands as compared to Expected Peak Demand sufficient to allow the Des Moines Water Works to meet public health and safety standards

515.6.4 ACTION

Water rationing measures will be implemented and enforced by application of an Emergency Water Shortage Rate. In order to implement such rate the Des Moines Water Works shall set a target level for demand consistent with its Current Capacity and shall use such target to establish a "Rationing Factor" as defined in this Plan. All customers will be asked to reduce their consumption to a level at or below a "Stage IV Monthly Water Ration", and consumption above such level will be charged at the Emergency Water Shortage Rate intended to strongly discourage consumption above such level.

515.6.5 ENFORCEMENT

"Stage IV Monthly Water Ration" means for each customer the Typical Off-Peak Consumption of such customer multiplied by an announced Rationing Factor. "Typical Off-Peak Consumption" shall be computed as of the date that Stage IV is invoked as the mean monthly consumption of the customer for the immediately preceding months of March, April, and May. The Rationing Factor shall be a percentage, which may be above or below 100%, as announced by the Des Moines Water Works and designed to effectively reduce consumption to the level as required by the prevailing circumstances.

While Stage IV is in effect all water used beyond the Stage IV Monthly Water Ration for each customer will be billed at the "Emergency Water Shortage Rate". The Emergency Water Shortage Rate shall be four times the rate otherwise applicable to such customer. Customers may appeal the Typical Off-Peak Consumption level determined for the customer as the basis for the customer's bill as inaccurate or inequitable under the circumstances applicable to the customer. Appeals must be submitted in writing and will be considered on a case-by-case basis as provided under these Rules and Regulations.

Exhibit B – WDMWW Water Shortage Plan



West Des Moines Water Works

Water Shortage Plan – April, 2014

Introduction

The West Des Moines Water Works (WDMWW) currently produces approximately 70% of the annual water needs of the city from the A.C. Ward Municipal Water Treatment Plant. The remaining water supply is purchased through a Wholesale Water Service Master Agreement with Des Moines Water Works (DMWW). DMWW sources raw water for treatment primarily through from the Raccoon and Des Moines Rivers, which have been negatively impacted in recent years with prolonged drought conditions and excessive chemical content. The difficulty in obtaining and treating necessary source water quantities led the DMWW to develop a revised Water Shortage Plan to help protect customers from pressure, quality, or water availability issues.

The majority of water produced by DMWW is consumed outside the corporate limits of Des Moines, and instead by the greater metropolitan area. In order to produce an appreciable reduction in demand, it is necessary for metro communities who obtain all or a portion of water from DMWW to develop a similar water conservation strategy. As a significant portion of the peak demands for water systems occur due to turf irrigation during summer months, the conservation plan that DMWW has adopted primarily targets the reduction of this user.

Des Moines Water Works Water Shortage Plan Overview

DMWW has developed a multi-stage approach to deal with water shortage. Each level of the four-stage plan is triggered upon the percentage of "Current Capacity to Produce Safe Drinking Water". This capacity is defined as the amount of water that DMWW can produce on any given day, depending on specific circumstances present. When system demand reaches 90% of the current capacity, system demand is generating a high number of areas with low pressure, or there are indications that a water shortage may occur, DMWW may trigger implementation of their Water Shortage Plan. The current capacity is not a concrete figure, but fluctuates based on a number of seasonal and environmental conditions.

The stages and reduction percentages of the DMWW Water Shortage Plan are as follows:

Stage 1: Voluntary 25% Reduction in Turf Irrigation

This calculates to approximately 10% reduction in system demands compared to typical maximum day demand.

Stage 2: Voluntary 50% Reduction in Outdoor Water Usage (Including Turf Irrigation)
This calculates to approximately 25% reduction in system demands compared to typical maximum day demand.

Stage 3: Enforced Prohibition of Turf Irrigation / No Use of Automatic Irrigation Systems
This calculates to approximately a 40% reduction in system demands compared to typical maximum day demands.

Stage 4: Enforced Water Rationing
This calculates to approximately a 60% reduction in system demands compared to typical maximum day demands.

West Des Moines Water Works Water Shortage Plan Approach

As an annual average, WDMWW produces approximately 70% of the water sold within the corporate limits of the City of West Des Moines. However, during peak use times in the summer months, the amount of purchased water can nearly equal the produced water. Since WDMWW obtains source water solely from deep and shallow wells, the impact of drought and treatment limitations from chemical contamination are not as dramatically felt. Therefore, the Water Shortage Plan contains goals for reduction of water percentages of purchased water, not produced water. The percentage reduction goals for the purchased water volumes match those adopted by DMWW in their plan. However, implementation and enforcement actions differ than those of the DMWW plan. WDMWW will use the DMWW call for each stage in their Water Shortage Plan to trigger the implementation of the same stage within our plan.

WDMWW Stage 1: The goal of Stage 1 of the DMWW Water Shortage Plan is an overall 10% reduction in water use as compared to typical maximum day demand. The goal for WDMWW is to reduce purchased water by 10% of the typical maximum day purchased volume. As with the DMWW plan, this is a voluntary phase. WDMWW will call for voluntary actions, which may include but are not limited to:

- Educating and encouraging customers to optimize irrigation systems by directing sprinkler heads toward grass and/or landscaping, and using only the minimal amount of water necessary to maintain these areas.
- Recommend customers irrigate on alternate days, e.g. odd numbered addresses water on odd calendar days, even numbered addresses water on even calendar days.
- Request that City of West Des Moines departments limit high water use activities and minimize irrigation.

WDMWW Stage 2: The goal of Stage 2 of the DMWW Water Shortage Plan was an overall 25% reduction in water use as compared to typical maximum day demand. The goal for WDMWW is to reduce purchased water by 25% of the typical maximum day purchased volume. As with the DMWW plan, this is a voluntary phase. WDMWW will communicate with increased urgency the request for voluntary actions as described in

Stage 1. Additionally, WDMWW will request voluntary compliance with the following measures:

- Encourage wise usage of water during outdoor activities, including washing vehicles, and outdoor activities which require large volumes of water (filling pools, sprinkler systems, etc.).
- Encourage wise use of water indoors, including fixing leaking fixtures, washing full loads of laundry and dishes, shorter showers, etc.
- Request that the City of West Des Moines recreational facilities suspend operation of water intensive fixtures, including non-recycling decorative fountains and spray grounds.

WDMWW Stage 3: The goal of Stage 3 of the DMWW Water Shortage Plan was an overall 40% reduction in water use as compared to typical maximum day demand. The goal in this stage of the WDMWW plan is to reduce purchased water by 40% of the typical maximum day purchased volume. WDMWW will communicate with increased urgency the request for voluntary actions as described in Stages 1 and 2. Stage 3 of the plan is mandatory, with the following requirements and actions for compliance:

- Turf irrigation will be limited to odd/even day watering based on the numerical address of the property (i.e. a property with an even numbered address is only able to irrigate on even numbered calendar days, odd numbered addresses on odd numbered calendar days).
- All large water consuming features and installations within the control of the City of West Des Moines will be required to suspend operations, unless authorized in writing by WDMWW.

Enforcement: Customers found irrigating in violation of this policy will be notified by a door tag left at the property. A second violation of the Stage 3 irrigation policy within the same alert period will result in termination of the water service. In many instances, this service termination will result in the loss of both domestic and irrigation water supply. Restoration of water service will occur only after the customer responds in writing that they understand and will comply with mandatory conservation measures. Standard fees and labor rates for service termination and reconnection will apply. Customers who believe the service termination and fees are in error may request a hearing with the General Manager within 24 hours of disconnection.

To inform customers of the implementation of Stage 3 and enforcement actions, a news release will be sent to local media outlets and the WDMWW website will contain an informational message. WDMWW will alert by email all customers who have a current email address on record.

WDMWW Stage 4: The goal of Stage 4 of the DMWW Water Shortage Plan is an overall 60% reduction in water use as compared to typical maximum day demand. This stage of rationing would only be triggered in situations where Stages 1-3 of the plan have not produced appreciable reductions in water consumption and system demands are in excess of 90% of DMWW's current capacity. The goal in this stage of the WDMWW plan is to reduce purchased water by 60% of the typical maximum day

purchased volume. WDMWW will continue to communicate the request for voluntary actions as described in Stages 1 and 2, and enforce the mandatory measures in Stage 3 not superseded by Stage 4 requirements. Stage 4 of the plan is mandatory and will be enforced at the time non-compliance is identified.

- Turf irrigation is prohibited, unless specifically authorized in writing by WDMWW.

Enforcement: Turf irrigation in violation of this policy will result in the immediate termination of water service. In many instances, this service termination will result in the loss of both domestic and irrigation water supply. Restoration of water service will occur only after the customer responds in writing that they understand and will comply with mandatory conservation measures. Standard fees and labor rates for service termination and reconnection will apply. Customers who believe the service termination and fees are in error may request a hearing with the General Manager within 24 hours of disconnection.

To inform customers of the implementation of Stage 4 and enforcement actions, a news release will be sent to local media outlets and the WDMWW website will contain an informational message. WDMWW will alert by email all customers who have a current email address on record.



DES MOINES WATER WORKS
Board of Water Works Trustees

Agenda Item No. III-G
Meeting Date: April 27, 2021
Chairperson's Signature ☐ Yes ☒ No

AGENDA ITEM FORM

SUBJECT: Request Authorization to Reimburse the City of Des Moines for Water Main Relocations within City of Des Moines Projects

SUMMARY:

- Des Moines Water Works will install new water main and complete multiple water main alterations and hydrant relocations at locations where conflicts exist with proposed storm sewer or sidewalk in several City of Des Moines projects shown in the table below.
- These City projects will include roadway, storm sewer, and sidewalk improvements.

Project Name	Reimbursement Amount	Description of Work
Closes Creek Storm Sewer Improvements Phase 2A & 2B	\$105,158	This project includes installation of approximately 375 feet of 8" ductile iron water main along 34 th St., 33 rd St. and Northwest Dr. in Des Moines, Iowa.
East Douglas Avenue Reconstruction – E. 42 nd Street to E. 56 th Street	\$107,136	This project consists of eight (8) water main alterations and two (2) hydrant relocations along E. Douglas Ave., from 42 nd St. to E. 56 th St.
Western Ingersoll Run Sewer Separation Phase 1	\$516,755	This project consists of multiple water main alterations and hydrant relocations along Ingersoll Ave., from 35 th St. to 41 st St. Water main alteration work will also occur along multiple residential streets north of Ingersoll Ave.

- Based upon the unit price for the estimated quantities for these contracts, the total cost for the water main and hydrant relocation portion of these City of Des Moines projects is \$729,049.
- RW Excavating, LC, from Prairie City, Iowa, will be the Contractor for Closes Creek Storm Sewer Improvements Phase 2A & 2B.
- MPS Engineers, PC, from Des Moines, Iowa, will be the Contractor for Western Ingersoll Run Sewer Separation Phase 1.
- Elder Corporation, from Pleasant Hill, Iowa, will be the Contractor for East Douglas Avenue Reconstruction, E. 42nd Street to E. 56th Street.

FISCAL IMPACT:

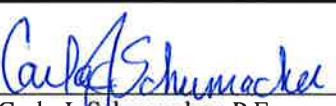

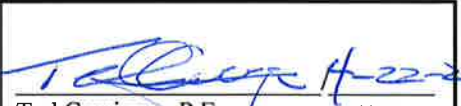
Funds for these projects will come from the 2021 Des Moines Water Main Replacement Budget.

RECOMMENDED ACTION:

Authorize staff to reimburse the City of Des Moines for Water Main Relocations within the City of Des Moines projects as stated above.

BOARD REQUIRED ACTION:

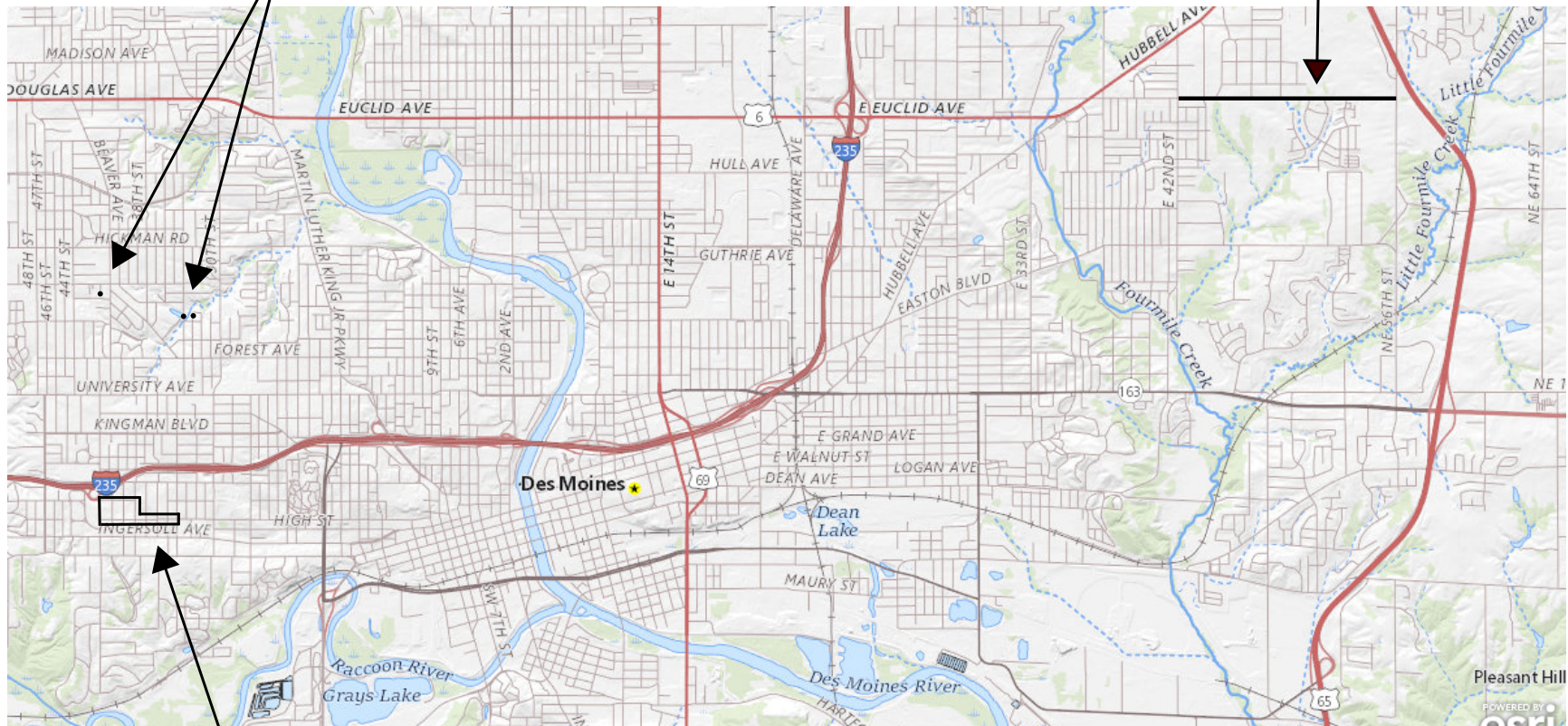
Motion to authorize staff to reimburse the City of Des Moines for Water Main Relocations within the City of Des Moines projects as stated above.

 Carla J. Schumacher, P.E. Project Manager	 Michael J. McCurnin, P.E. Director of Engineering Services	 Ted Corrigan, P.E. CEO and General Manager
4/22/21 (date)	4/22/21 (date)	4/22/21 (date)

Attachments: site map

CLOSES CREEK STORM
SEWER IMPROVEMENTS
PHASE 2A & 2B

EAST DOUGLAS AVE.
RECONSTRUCTION
E. 42nd St. to E. 56th St.



WESTERN INGERSOLL RUN
SEWER SEPARATION
PHASE 1

Des Moines
Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

SITE MAP

CLOSES CREEK STORM SEWER
IMPROVEMENTS PHASE 2A & 2B
EAST DOUGLAS AVE. RECONSTRUCTION E.
42nd St. TO E. 56th St.
WESTERN INGERSOLL RUN SEWER
SEPARATION PHASE 1

AGENDA ITEM FORM

SUBJECT: Award 2021 Des Moines Water Main Replacement Contract 2 - Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway

SUMMARY:

- In March 2021, the Board of Water Works Trustees authorized staff to solicit bids for the 2021 Des Moines Water Main Replacement Contract 2 - Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway project. The Public Hearing was established as the date of the April 2021 Board meeting.
- Plans, specifications, and contract documents were taken out by several prospective bidders. Five (5) bids were submitted on April 21, 2021.

BIDDER	BASE BID	ALTERNATE BID	TOTAL
Raccoon Valley Contractors, LLC	\$1,610,894	\$8,240	\$1,619,134
Rognes Corporation	\$1,637,500	\$15,000	\$1,652,500
SM Hentges & Sons, Inc.	\$1,813,930	\$25,000	\$1,838,930
Corell Contractor, Inc.	\$1,833,549	\$32,000	\$1,865,549
Synergy Contracting, LLC	\$1,998,954	\$16,800	\$2,015,754

- The engineer's estimate for this contract is \$1,100,000.
- Staff recommends the Board award a contract to Raccoon Valley Contractors, LLC, for this project in the amount of \$1,619,134 which includes the Alternate Bid Item for cathodic protection.
- Work on this project will call for the installation of approximately 540 feet of 48-inch PCCP water main, 190 feet of trenched 72-inch steel casing, 140 feet of auger-bored or tunneled 72-inch steel casing, and cathodic protection test stations. This work includes casing installation beneath two active railroads and new spurs being installed as part of the Des Moines Transload Facility that is currently under construction between the railroad tracks and Martin Luther King Jr. Parkway. Completion of this feeder main work is required to replace existing feeder main with deteriorated casing that is unsuitable and will not provide necessary feeder main protection. The feeder main and tunnel liner casing was installed in 1969. This work will be completed in coordination with the construction schedule for the Des Moines Transload Facility that requires completion by the end of 2021 to fulfill grant funding obligations with the City of Des Moines.

FISCAL IMPACT:


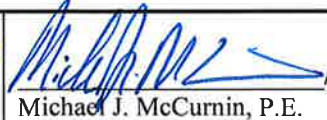
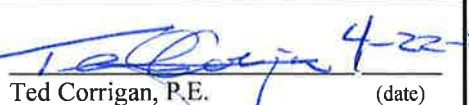
Funds for this project will come from the 2021 Des Moines Water Main Replacement Budget and concessions within the 2021 WMR or other 2021 capital projects.

RECOMMENDED ACTION:

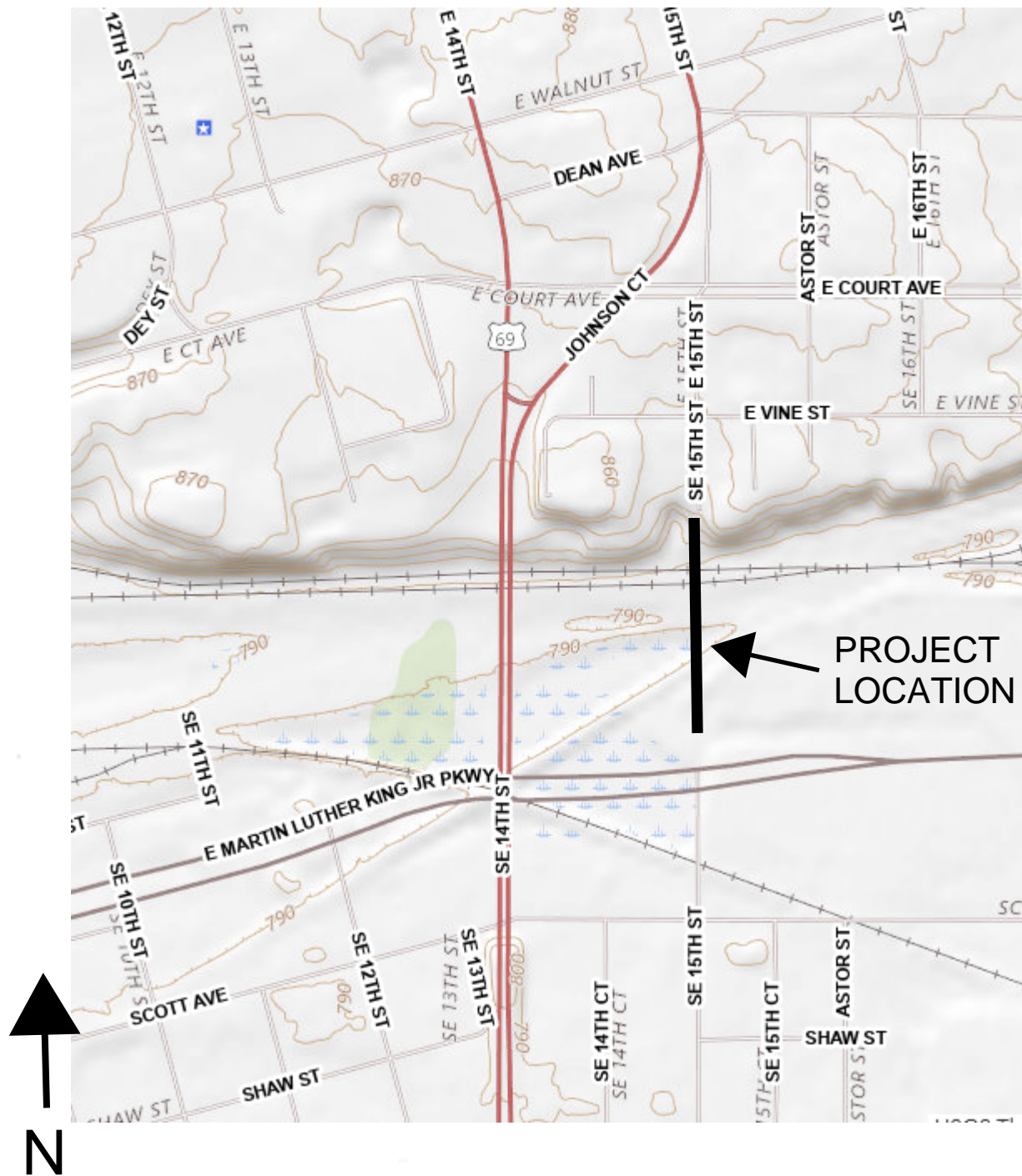
Award the 2021 Des Moines Water Main Replacement Contract 2 - Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway Contract to Raccoon Valley Contractors, LLC, in the amount of \$1,619,134, and authorize the Chairperson and CEO and General Manager to execute the contract.

BOARD REQUIRED ACTION:

- Public Hearing – Opened by Chairperson for comments from the public regarding the form of contract, plans and specifications, and estimated cost. Chairperson closes hearing.
- Motion for adoption of form of contract, plans and specifications, and estimated cost.
- Analysis of bids received.
- Award the 2021 Des Moines Water Main Replacement Contract 2 - Feeder Main at SE 15th Street and Martin Luther King Jr. Parkway Contract to Raccoon Valley Contractors, LLC, in the amount of \$1,619,134, and authorize the Chairperson and CEO and General Manager to execute the contract.

 Carla J. Schumacher, P.E. (date) 4/22/21 Project Manager	 Michael J. McCurnin, P.E. (date) 4/22/21 Director of Engineering Services	 Ted Corrigan, P.E. (date) 4-22-21 CEO and General Manager
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Attachments: Site Map



AGENDA ITEM FORM

SUBJECT: Award Nitrate Removal Facility Crawspace Renovation

SUMMARY:

- In January 2021, the Board of Water Works Trustees authorized staff to solicit bids for the Nitrate Removal Facility Crawspace Renovation project.
- This project combines a unique collection of tasks to be performed and therefore naturally narrows the pool of bidders. Plans, specifications, and contract documents were taken out by several prospective bidders and staff was optimistic three proposals would be received. Of those three contractors, one could not get bonded to meet our requirements and the other had recently been awarded projects let by other entities. One bid was submitted on April 15, 2021.

BIDDER	BASE BID	ADD ALTERNATE
Henkel Construction Company	\$1,222,000	\$90,000

- A summary of the base work, the alternate, and the engineer's estimate for each is tabulated below:

Element of Work	Engineer's Estimate
Base Bid	\$825,000
Add Alternate (Traffic-Bearing Waterproofing Membrane System)	\$85,000

- The bid clearly came in significantly higher than the engineer's estimate. Staff again reviewed the scope of design of this critical project and determined very few concessions could be made. Corrosion and sealing repairs, in particular, are imperative in this facility. Addressing issues with the flooring are not far behind in terms of criticality. Rebidding the project would result in a delay of nearly one year as portions of the work are to be coordinated with potential operation of the Nitrate Removal Facility. Staff would like to proceed with awarding the contract to the lone bidder to allow this important restoration to take place. While proceeding with a lone bidder is not ideal, staff feels progressing with the work is in the best interest of the facility.
- Henkel Construction Company has successfully completed construction of the Phase 1 Park Improvements and is currently performing well on the NW 26th Street Booster Station project for Des Moines Water Works.
- Staff recommends proceeding with base bid and alternate and for the Board to award a contract to Henkel Construction Company in the amount of \$1,312,000.

FISCAL IMPACT:

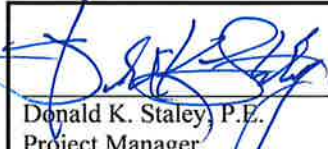
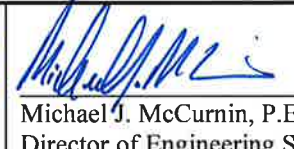
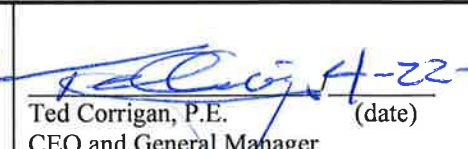
Funds for this project will come from funds carried over from the 2020 Fleur Drive Treatment Plant capital and other concessions within the 2021 Fleur Drive Treatment Plant budget.

RECOMMENDED ACTION:

Staff recommends the Board award the Nitrate Removal Facility Crawspace Renovation Contract to Henkel Construction Company, in the amount of \$1,312,000, and authorize the Chairperson and CEO and General Manager to execute the contract.

BOARD REQUIRED ACTION:

- Public Hearing – Opened by Chairperson for comments from the public regarding the form of contract, plans and specifications, and estimated cost. Chairperson closes hearing.
- Motion for adoption of form of contract, plans and specifications, and estimated cost.
- Analysis of bids received.
- Award the Nitrate Removal Facility Crawspace Renovation Contract to Henkel Construction Company, in the amount of \$1,312,000, and authorize the Chairperson and CEO and General Manager to execute the contract.

 Donald K. Staley, P.E. Project Manager (date) 4-22-21	 Michael J. McCurnin, P.E. Director of Engineering Services (date) 4/22/21	 Ted Corrigan, P.E. CEO and General Manager (date) 4-22-21
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Attachments: none

AGENDA ITEM FORM

SUBJECT: Regionalization Discussion – Possible Closed Session

SUMMARY:

The Board will discuss regionalization. With respect to regionalization process strategy, a discussion in closed session may be held.

Section 388.9(1), Code of Iowa, allows a closed session:

- To discuss marketing and pricing strategies and proprietary information that may impact its competitive position by public disclosure not required of potential or actual competitors related to ongoing negotiations over creating an integrated regional water authority. Each of these topics should be discussed in closed session to avoid disclosure likely to prejudice or disadvantage the position of the Des Moines Water Works.

A closed session is suggested to consider regionalization strategy with respect to the following:

1. Methods of analysis of proposed transaction economics and alternative deal terms; and
2. Asset Transfer Valuation
3. Possible Negotiation Strategies

FISCAL IMPACT:

As determined by discussion.

RECOMMENDED ACTION:

Vote to go into closed session to discuss strategy in matters relating to regionalization.

BOARD REQUIRED ACTION:

Any Board action deemed appropriate in view of regionalization strategy discussions.

<hr/> (date)	<hr/> (date)	 Ted Corrigan, P.E. CEO and General Manager (date) 4-22-21
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Attachments: none

AGENDA ITEM FORM

SUBJECT: Information Items

SUMMARY:

- A. Board Committee Reports
 - Planning Committee
 - Finance and Audit Committee
 - Customer Relations Committee
 - Bill Stowe Memorial Committee
 - Greater Des Moines Botanical Garden Board
 - Des Moines Water Works Park Foundation Board
- B. Staff Updates
 - External Affairs
- C. CEO and General Manager's Comments
 - 2021 Utility Goals Update
 - COVID-19 Update
- D. Contract Status and Professional Services Agreements

FISCAL IMPACT:


No impact to the budget.

RECOMMENDED ACTION:

For review and discussion.

BOARD REQUIRED ACTION:

Review and discussion.

/_____ (date)	/_____ (date)	 Ted Corrigan, P.E. CEO and General Manager

Attachments: Des Moines Water Works Park Foundation Executive Summary, Board Minutes, February 2021 Financials, and Events Calendar;
Contract Status and Professional Services Agreements Spreadsheets



21 April 2021

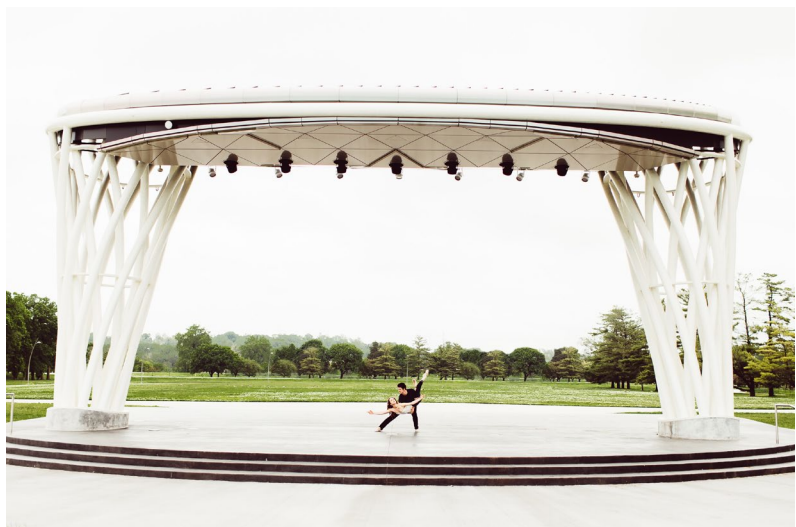
Updates from the Des Moines Water Works Park Foundation

The Campaign/Development:

The \$2M finishing campaign is underway. 109 prospects have been identified, assigned and conversations and asks have started taking place. Some early successes are now being recorded and our goal is to have all asks completed by the end of June.

Park Construction

No new updates on construction.



Programming

The RAGBRAI River to River Sculpture was dedicated on April 17th. 91 year old John Karras was able to attend and the Donald Kaul family was also represented. The Extraordinary Egg Event will take place on

April 24th in conjunction with trash pick up and Earth Day observance. Several Water Quality, Conservation and Educational signage and messages are woven into the event. Ballet Des Moines will be performing on the Lauridsen Ampitheater on April 30th.

A joint COVID protocol for events has been developed between the Foundation, DMWW and the City. Final draft is forthcoming. Based on our join work, the City Manager and Mayor have given their approval for moving forward with our scheduled April and May Events.

We are seeing a lot of bookings starting to take place as vaccination figures continue to rise.

February financials and April Meeting Minutes attached.

DES MOINES WATER WORKS PARK FOUNDATION

Board of Directors Meeting

Friday, April 9, 2021 – 12:00 – 1:30

Minutes



BOD Present: Jen Cross, Ardis Kelley, Ashley Aust, Amy Jennings, Matt Van Loon, Andrea Boulton, Bethany Wilcoxon, Chad Rasmussen, Dara Madigan, Joel Aschenbrenner, Jon Koehn, Jason Stone

Staff & Guests: Mike McCurnin - DMWW, Josh Faber - RGI, Sam Carrell & Cassandra Halls - DMWWPF

- I. Call to Order/President's Comments & Welcome/Affirm Agenda – Amy Jennings** called the meeting to order at 12:02 pm
- II. Approve minutes – Amy Jennings.** No additions or modifications were made to the previous meeting minutes and they stood approved as is.
- III. Board Resignation – Amy Jennings – Announced PJ Hamlen** needed to resign his seat for personal reasons but hoped to stay involved in a more limited role. Jennings asked the board to contemplate good candidates with concert/event experience to bolster our revenue generation.
- IV. Fundraising Update & Discussion – Josh Faber – Faber** gave an update and recapped what we've been doing...put together prospect lists, assigned, and have started making asks/setting up asks. Great Start. 110 potential donors have been identified. 68 of those have been assigned, 28 calls have already taken place and 12 specific asks have been made. While we haven't booked any new pledges yet, we have had some gift commitments and will book them once we receive proper documentation or the gift themselves. Faber gave an example of the assignments and how the process works. Noted that the Development team would check in with each board member, not to bug you, but rather keep everything updated so we can help, emphasizing the importance of each Board member's role in the process. Faber reported that grant work also taking place with several efforts between Madigan, Carrell and Faber. Jennings asked if there was anything else Board members would like provided to be helpful. Stone commented that the tools and narratives have been helpful and had used Carrell to support his assignments and that had been helpful. Now initial conversations were moving to actual asks. Van Loon asked about the unassigned prospects. Faber said we would revisit as we rolled through the first priority asks and continue to work with past BOD, Advisory Council, Donors and new BOD members. Jennings asked Faber, what the Board should do in the next two weeks. Faber said in next two weeks each person should at least make contact with their assignments, once you get through your initial list we can circle back on the unassigned.

- V. Current Financial Picture – Ardis Kelley & Jon Koehn.** Kelly quickly reviewed the financials and noted that they are consistent with previous months. She reminded the BOD that due to timing of Board Members and reports publication we are usually looking at the month two months prior to the current month. reminded that we are looking at the month prior to last month. Motion to Accept the February Financials.

Moved: Koehn **Second:** Aschenbrenner **ACCEPTED**

Koehn – introduced himself to the newer BOD members. Described how he had put together a cash flow analysis starting last year due to the impact of the pandemic. Initially projected that we would eek our way through 2020 and run out of cash in 2021 if things remained the same. Wanted to underscore that while we have managed to perform somewhat better than the early projections, this remains a High priority and we need to continue to focus on completing the campaign and maximizing our revenue to overcome the impact of the pandemic. Koehn then shared an updated cash flow analysis, explaining the the monthly operating spending and explained the pledges receivable and how it is linked to our line of credit and of course the importance of growing those pledges to complete all our obligations.

- VI. New Board Report Format – Amy Jennings.** Jennings & Halls explained the new reporting format and that we would be combining each committee report into one document in Google Docs so the information would be easier to update and access for each BOD member.
- VII. Extraordinary Egg Event – April 24 – Amy Jennings.** Jennings went through the Programming Committee plans for the upcoming event and Boulton explained the volunteers needed and how to sign up. The event will have three different entrance/information points in Denman Woods, the pedestrian bridge and the amphitheater. CITA would handle Denman Woods, the Great Outdoors Foundation would be at the amphitheater and DMWWPF at the bridge. Several optional self-guided activities will be taking place as well as a 10:30 yoga class by A+B Cancer at the Killinger Family Stage and Hubbell Celebration Lawn. More info coming. We would also be filling a CARE sign with the collected trash from the participants.
- VIII. COVID Protocol and Event Calendar – Sam Carrell.** Carrell explained the work taking place with DMWW and the City to assure safe and uniform protocols. A final join document was being developed for both Park and City use and we are working on city approval of activities prior to the next proclamation easing some of the attendance limits.
- IX. Amphitheater Weatherization – Chad Rasmussen.** Rasmussen explained the process they were working through to come up with a workable solution to further

“weatherize” large concert set up in inclement weather. He and Van Loon had met with the structural engineer, amphitheater designer, and promoter to work through some different solutions. They believe they are on the right track with a promising combination of a large scrim and gutter system that would alleviate some of the issues caused by rain during event set up and possible performance.

- X. Cassandra Halls Role** – Amy Jennings & Cassandra Halls. Halls gave a short of explanation of her role for the newer Board members as assisting the Foundation in working through the transition from contracted employees to full time employees and supporting the campaign and administrative work for the foundation.
- XI. 2021 Budget** – Sam Carrell & Ardis Kelley. Carrell walked through the proposed budget and the process used to create it, noting that it is based both on past performance and the planned activities of each committee. Once approved we will do the cash flow and you will be able to view actual performance each month against projections. There was a general discussion about some of the assumptions and the conservative operating projections. A motion was made to approve the budget.

Motion: Koehn

Second: Kelley

APPROVED

- XII. Announcements** There were no announcements

- XIII. Adjourn** Jennings adjourned the meeting at 1:30 pm

Upcoming Events:

Extraordinary Egg Hunt – Saturday, April 24th

May BOD Meeting. Friday, May 14th – 12:00 pm – 1:30 pm

Des Moines Water Works Park Foundation
Statement of Financial Position
As of February 28, 2021

ASSETS		
Cash and Cash Equivalents	\$	116,603.46
Investments - Endow Iowa		54,350.67
Pledges Receivable		1,087,842.85
Prepaid Expenses		537.08
Total Assets	\$	1,259,334.06
LIABILITIES		
Accounts Payable	\$	8,569.10
Accrued Expenses		600,000.00
Loan Payable: Line of Credit		889,382.00
Total Liabilities	\$	1,497,951.10
NET ASSETS		
Net Assets without donor restrictions:		
Available to Spend	\$	1,021,649.88
Net Assets with donor restrictions:		
Park Improvement/Fleur Trail		(1,314,617.59)
Endow Iowa		54,350.67
Total Net Assets	\$	(238,617.04)
Total Liabilities and Net Assets	\$	1,259,334.06

Des Moines Water Works Park Foundation
Consolidated Statement of Financial Activity and Change in Net Assets
For the two months ending February 28, 2021

	February-21			FISCAL YEAR TO DATE		
	Actual	Budget	Budget Variances	Actual	Annual Budget	Budget Variances
REVENUES AND OTHER SUPPORT						
Capital Support						
Campaign Income	\$ 0.02	\$ -	\$ 0.02	\$ 0.04	\$ -	\$ 0.04
Non Capital Support/Giving						
Board Giving	-	-	-	-	-	-
Corporate & Foundation Giving	6.91	-	6.91	6.91	-	6.91
Individual Gifts	3,000.00	-	3,000.00	5,560.00	-	5,560.00
In-Kind Gifts	-	-	-	-	-	-
Park Sponsorships	-	-	-	-	-	-
Special Event Income	-	-	-	-	-	-
State Grant Income	17,700.00	-	17,700.00	17,700.00	-	17,700.00
User/Vendor Revenue	-	-	-	-	-	-
Total Non Capital Support/Giving	\$ 20,706.91	\$ -	\$ 20,706.91	\$ 23,266.91	\$ -	\$ 23,266.91
Investment Income, net of fees	938.55	-	938.55	752.09	-	752.09
Total Revenues and Other Support	\$ 21,645.48	\$ -	\$ 42,352.39	\$ 24,019.04	\$ -	\$ 24,019.04
EXPENSES						
Operating Expenses						
Accounting/Audit	\$ 825.00	\$ -	\$ 825.00	\$ 1,650.00	\$ -	\$ 1,650.00
Bank Charges	75.46	-	-	491.59	-	491.59
Contract Labor	3,850.00	-	3,850.00	19,250.00	-	19,250.00
General Office	651.90	-	651.90	945.81	-	945.81
Marketing	113.40	-	113.40	113.40	-	113.40
Miscellaneous	-	-	-	-	-	-
Information Technology	-	-	-	-	-	-
Printing	515.73	-	515.73	515.73	-	515.73
Professional Services	-	-	-	-	-	-
Public Awareness	-	-	-	-	-	-
Special Event Expense	-	-	-	-	-	-
Sponsorship Activity	-	-	-	-	-	-
Travel	-	-	-	-	-	-
Vehicle Expense	-	-	-	-	-	-
Website Maintenance	-	-	-	-	-	-
Total Operating Expenses	\$ 6,031.49	\$ -	\$ 5,956.03	\$ 22,966.53	\$ -	\$ 22,966.53
User Committee Expenses						
Building Maintenance	-	-	-	-	-	-
Building Management	-	-	-	-	-	-
Contract Labor	-	-	-	-	-	-
Food Expense	-	-	-	-	-	-
Lease Expense	-	-	-	-	-	-
Marketing	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-
Office Equipment	-	-	-	-	-	-
Printing Expense	-	-	-	-	-	-
Program Expense	-	-	-	-	-	-
Rent Expense	-	-	-	-	-	-
Special Event Expenses	-	-	-	-	-	-
Supplies Expense	-	-	-	-	-	-
Utilities	1,297.84	-	1,297.84	1,359.57	-	1,359.57
Website Maintenance	-	-	-	-	-	-
Total User Committee Expenses	\$ 1,297.84	\$ -	\$ 1,297.84	\$ 1,359.57	\$ -	\$ 1,359.57
Capital Expenses						
Campaign Contract	-	-	-	-	-	-
Campaign Support	269.64	-	269.64	269.64	-	269.64
Fleur Underpass Trail Expense	-	-	-	-	-	-
Interest Expense	2,532.54	-	2,532.54	5,338.51	-	5,338.51
Natural Playscape	-	-	-	-	-	-
Park Improvements	-	-	-	-	-	-
Park Maintenance	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-
Staffing & Administrative Costs	10,776.72	-	10,776.72	22,783.62	-	22,783.62
Total Capital Expenses	\$ 13,578.90	\$ -	\$ 13,578.90	\$ 28,391.77	\$ -	\$ 28,391.77
Total Expenses	\$ 20,908.23	\$ -	\$ 20,832.77	\$ 52,717.87	\$ -	\$ 52,717.87
Change in Net Assets	\$ 737.25	\$ -	\$ 21,519.62	\$ (28,698.83)	\$ -	\$ (28,698.83)
Net Assets, Beginning of Year				\$ (209,918.21)		
Net Assets, End of Year				\$ (238,617.04)		

2021	Date	Event	Description
	Recurring	Ultimate Frisbee League	Weekly league Apr-May Wednesday nights
Apr	23	Trashbash park clean up	
	24-25	Coursing Hounds of Iowa	Dog agility
	24	Park Foundation Egg Hunt	
	30	DSM Ballet	
May	1	Guns Down Gloves Up	Racial Diversity/Peaceful Alternatives Rally
	1	Women's Half Marathon	
	8	Roosevelt High Prom	
	8	Race for Hope	
	13	Private shelter rental	
	14	Tippi Toes Recital	
	16	Private shelter rental	
	20	Hubbell Elementary Promotion Ceremony	
	21-23	Lowdown Car Show	
	23	Church Silent Disco	
	29	DSM Ballet	
June	19-20	Ironman	
	27	Pridefest Parade	

KEY

Concert
Sport/Fitness Event
DMWWPF Event
Wedding/shelter
Misc. (car shows, political events, festivals)

DES MOINES WATER WORKS

Board of Water Works Trustees



2201 George Flagg Parkway | Des Moines, Iowa 50321-1190 | (515) 283-8700 | www.dmww.com

MEMORANDUM

DATE: April 20, 2021

TO: Ted Corrigan, CEO and General Manager

FROM: Mike McCurnin, Director of Engineering Services
Jenny Puffer, Director of Water Distribution
Jennifer Terry, External Affairs Manager
Kyle Danley, Chief Operating Officer

SUBJECT: 2021 Utility Goals Update

Staff has committed to providing the Board of Water Works Trustees with regular updates on the utility's 2021 goals. Four goals have been developed to provide focus during 2021 including treatment plant expansion evaluations, response to Lead and Copper Rule revisions, completion of a Five-Year Organizational Strategic Plan, and safety. An update on our 2021 goals is provided below.

Goal	Update	Status
<u>Treatment Expansion Evaluation</u> A two-pronged goal with an initial task of updating the <u>DMWW Long Range Plan 2017</u> in the first quarter of 2021. Secondary task being the completion of a thorough cost analyses (during Q2 and Q3 of 2021) of treatment expansion options that include necessary source, treatment, and transmission needs.	HDR has completed a review of the <u>DMWW Long Range Plan 2017</u> and presented "technical memorandum" to staff, Board, and regional parties in March and April of 2021. The update recommends remaining vigilant with expansion projects and to consider altering the sequence of key projects. Cost analyses portion of the goal may be adjusted. It may become more practical to begin portions of expansion design or to focus on cost options and alternatives at the Saylorville Water Treatment Plant site alone.	On Track

<p><u>Response Plan to Lead & Copper Rule Revisions</u></p> <p>In response to the recently revised Lead and Copper Rule, we will complete the following by November 30, 2021:</p> <ul style="list-style-type: none"> • Develop an updated public education and outreach program, • Work with local schools and childcare facilities to conduct lead testing, • Prepare a lead service line replacement plan. 	<p>The Biden administration has put a freeze on the Lead & Copper Rule Revisions. They will take an additional 60 days to review the regulation and determine if changes are necessary before going into effect.</p> <p>We have a number of questions about how to interpret parts of the new Rule. IDNR has indicated they have not received the direction they need from EPA to be able to answer our questions at this time.</p> <p>We are moving forward with developing a list of local schools and childcare facilities.</p>	<p>On Track</p>
<p><u>Complete a Five-Year Organizational Strategic Plan</u></p> <p>We will complete a five-year organizational strategic plan on time and within budget. The strategic plan will:</p> <ul style="list-style-type: none"> • Have the full support of our board and senior leadership; • Result from a participatory process; • Include strategies for communication and management of change; • Include an action plan; and • Lay out KPI's (Key Performance Indicators). 	<p>By Q4 2021, as a result of the strategic planning process, we will adopt:</p> <ul style="list-style-type: none"> • Utility Mission Statement that explains who we are and what we value; • Utility Vision Statement that states what we want to become; and • Utility Values Statement made up of guiding principles in which our staff and board are emotionally invested. <p>HDR Inc. is our strategic planning consulting firm. Their team has been gathering data via in-depth “social listening” to determine public sentiment and understand what the public is saying about DMWW and our projects—sort of an online focus group approach. The data will be used to lead our planning efforts. In the coming weeks, a community engagement online platform will be launched to inform and collect public response; a community advisory group of leaders will meet for the first time; and we will begin a benchmarking process that includes interaction with four peer utilities to help steer our course.</p>	<p>On Track</p>

<p><u>Safety</u></p> <p>In 2021, we will improve the safety culture and awareness of safety at DMWW. Using help from the Central Safety Committee, we will encourage all staff to complete near-miss reports with a goal of completing a minimum of 100 near miss reports in 2021. Also, in 2021 we will focus on training and awareness to prevent slip, trip, and fall injuries which have resulted in 22% of our injuries over the past 11 years.</p>	<p>To date we have experienced one recordable injury and staff has completed 53 near-miss reports in the first quarter. Nearly 45% of the near-miss reports were related to slip, trip and fall hazards, indicating there has been focus and awareness to improve in this area by staff. This puts us on a path to exceed the stated goal.</p>	<p>On Track</p>
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COMPETITIVE BIDS CONTRACT STATUS FOR APRIL 2021

Polk County Pumping Station - Storage Tank Fill Line	Substantially Complete	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	Rognes Corp 7/16/2019 \$463,690.00 \$71,452.13 \$535,142.13 \$508,782.63 Apr-21
Presdimentation Basins - Valve Replacement	Project has been deferred to a future date due to Contractor's inability to receive critical components of new equipment.	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	The Waldinger Corporation 3/16/2020 \$1,427,530.00 \$68,793.00 \$1,496,323.00 \$28,150.60 no later than Mar-22
2020 Well Rehabilitation - McMullen Water Treatment Plant	Construction in progress	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	BCI Water Resources Group, Inc. 7/20/2020 \$1,053,975.00 \$0.00 \$1,053,975.00 \$476,045.00 Sep-21
NW 26th Street Booster Station	Construction in progress	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	Henkel Construction Company 8/14/2020 \$1,533,000.00 \$16,184.97 \$1,549,184.97 \$918,513.05 Aug-21
2020 Des Moines Water Main Replacement - Contract 2	Final punch list items	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	S.M. Hentges & Sons, Inc. 10/5/2020 \$632,839.55 \$13,457.39 \$646,296.94 \$632,517.62 May-21
Highway G14 Feeder Main	Construction in progress	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	On Track Construction, LLC 10/7/2020 \$1,264,264.00 \$0.00 \$1,264,264.00 \$1,197,701.80 May-21

Item IV-D

Gallery Valve Chamber Structures Reconstruction	Construction in progress	Contractor	Synergy Contracting, LLC
		Notice to Proceed	4/19/2021
		Original Contract Sum	\$432,770.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$432,770.00
		Total Completed to Date	\$0.00
		Anticipated Completion Date	Nov-21
2021 Tank Painting - Pleasant Hill Tower and Wilchinski Standpipe	Construction in progress	Contractor	J.R. Stelzer Co.
		Notice to Proceed	4/1/2021
		Original Contract Sum	\$1,145,524.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$1,145,524.00
		Total Completed to Date	\$0.00
		Anticipated Completion Date	Sep-21
2021 Des Moines Water Main Replacement Contract 1 - E. Pleasant View Drive & E. 17th Street	Staff reviewing contract documents	Contractor	Synergy Contracting, LLC
		Notice to Proceed	pending
		Original Contract Sum	\$1,806,597.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$1,806,597.00
		Total Completed to Date	\$0.00
		Anticipated Completion Date	Oct-21

COMPETITIVE QUOTATIONS CONTRACT STATUS FOR APRIL 2021

Contractor	
Date of Contract	
Notice to Proceed	
Original Contract Sum	
Net Change by Change Orders	
Contract Sum to Date	\$0.00
Total Completed to Date	
Anticipated Completion Date	

PROFESSIONAL SERVICES AGREEMENTS

[illegible]