

**MEETING**  
**Board of Water Works Trustees**  
Des Moines Water Works  
June 27, 2023  
2201 George Flagg Parkway  
3:30 p.m.

Join Zoom Meeting  
<https://us02web.zoom.us/j/87370153205?pwd=V2p2YjlzY0ZqN0xKbGRqQmErZk45UT09>

Meeting ID: 873 7015 3205      Passcode: 278444

---

**Decision Agenda**

***I.      Consent Agenda:***

- A.      Minutes, May 23, 2023, Board of Water Works Trustees Meeting  
Minutes, June 6, 2023, Finance & Audit Committee Meeting  
Minutes, June 13, 2023, Planning Committee Meeting
- B.      Financial Statements
- C.      List of Payments for May 2023
- D.      Summary of CEO-Approved Expenditures in Excess of \$20,000
- E.      Next Meeting Date – July 25, 2023

***II.     Public Comment Period:***

- Chair Update
- Regional Governance

***III.    Action Items:***

- A.      Receive and File 2022 Audit Reports
- B.      Receive and File 2024-2028 Five-Year Capital Improvement Plan
- C.      Not to Exceed \$10,599,673 Water Revenue Capital Loan Notes
  - 1.      Public Hearing
  - 2.      Discussion
  - 3.      Resolution Instituting Proceedings to Authorize Loan and Disbursement Agreement.
  - 4.      Resolution approving and authorizing a form of Interim Loan and Disbursement Agreement, and authorizing and providing for the issuance and securing the payment of \$10,599,673 Water Revenue Capital Loan Note Anticipation Project Note, Series 2023, under the provisions of the Code of Iowa, and providing for a method of payment of said Note
- D.      Des Moines Water Works' Rules and Regulations Update – System Development Fees
- E.      Acceptance of 2022 Water Main Replacement
- F.      Acceptance of NW 26th Street Booster Station

- G. Request Authorization to Solicit Bids for Des Moines Water Works Grounds Maintenance Facility and Establish the Date of Public Hearing as the Date of the August 2023 Board Meeting
- H. Request Authorization for CEO and General Manager to Execute Professional Services Agreement with HNTB Corporation for 2023 Des Moines Water Main Replacement - Contract 2
- I. Request Authorization for CEO and General Manager to Execute Professional Services Agreement with Snyder & Associates, Inc., for 2023 Des Moines Water Main Replacement - Contract 4
- J. Request Authorization for CEO and General Manager to Execute Professional Services Agreement with CDM Smith Inc., for Filtration Pilot Study
- K. Request Authorization for CEO and General Manager to Execute Professional Services Agreement with KFI Engineers for 5 kV Switchgear Controls – Phase 1
- L. Request Permission to Establish the Date of Public Hearings for City of Des Moines Stormwater Facility Maintenance Easements as the Date of the July 2023 Board Meeting
- M. Request Authorization for CEO and General Manager to Execute Amendment No. 1 to the Professional Services Agreement with Shive-Hattery, Inc., for E. Court Ave Watermain Replacement
- N. Request Authorization for CEO and General Manager to Execute Amendment No. 1 to the Professional Services Agreement with HDR Engineering, Inc., for Saylorville Water Treatment Plant Capacity Expansion Design and Construction Services

**IV. Information Items:**

- A. Board Committee Reports
  - Finance and Audit Committee
  - Planning Committee
  - Stowe Foundation
  - Greater Des Moines Botanical Garden Board
  - Des Moines Water Works Park Foundation Board
- B. CEO and General Manager’s Comments
- C. Safety Update
- D. Contract Status and Professional Services Agreements

<b>OSHA Recordable Injuries YTD: 6</b>	
Motor Vehicle Injury:	1
Strain/Sprain:	5

**V. Adjournment**

Schedule of Board Activities – July & August Time: 3:30 p.m.		
<u>Date</u>	<u>Location</u>	<u>Meeting</u>
July 11	Board Room & Virtual	Finance and Audit Committee Meeting
July 18	Board Room & Virtual	Planning Committee Meeting
July 25	Board Room & Virtual	Board of Water Works Trustees
August 1	Board Room & Virtual	Finance and Audit Committee Meeting
August 8	Board Room & Virtual	Planning Committee Meeting
August 22	Board Room & Virtual	Board of Water Works Trustees

**AGENDA ITEM FORM**

**SUBJECT: Consent Agenda**

**SUMMARY:**

- A. Minutes, May 23, 2023, Board of Water Works Trustees Meeting  
**Request:** Approve May 23, 2023, Minutes  
Minutes, June 6, 2023, Finance and Audit Committee Meeting  
**Request:** Approve June 6, 2023, Minutes  
Minutes, June 13, 2023, Planning Committee Meeting  
**Request:** Approve June 13, 2023, Minutes
- B. Financial Statements
- At May 2023, total assets of the Des Moines Water Works were \$481.7 million, liabilities totaled \$45.9 million, deferred outflows totaled \$11.6 million, deferred inflows totaled \$11.1 million and contributions and retained earnings were \$436.3 million.
  - Total operating revenue for the month of May was \$7.3 million. Expenses (operating and non-operating) for the month were approximately \$6.2 million, leaving net earnings of approximately \$1.1 million.
  - Request:** Receive and File for Audit the May 2023 Financial Statements.
- C. List of Payments for May 2023  
**Request:** Approve May 2023 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 – July 25, 2023  
**Request:** Approve July 25, 2023, as the date of the next meeting of the Board of Water Works Trustees.

**FISCAL IMPACT:**


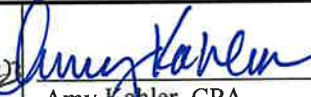
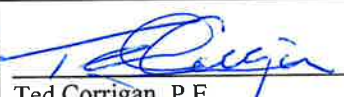
No impact to budget.

**RECOMMENDED ACTION:**

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

**BOARD REQUIRED ACTION:**

Motion to approve Consent Agenda.

 Michelle Holland, CPA Controller	 Amy Kahler, CPA Chief Financial Officer	 Ted Corrigan, P.E. CEO and General Manager
6/20/23 (date)	6/20/23 (date)	6/20/23 (date)

Attachments: May 23, 2023, Board of Water Works Trustees Meeting Minutes; June 6, 2023, Finance and Audit Committee Meeting Minutes; June 13, 2023, Planning Committee Meeting Minutes; May 2023 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, May 23, 2023**

Present (or Participating by Video or Audio Conference Link):

Board Members: Vice Chairperson Ms. Susan Huppert, presiding; Ms. Andrea Boulton, Mr. Alec Davis, and Mr. Graham Gillette

Staff members: Bill Blubaugh, Pat Bruner, Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Erika Hale, Joe Jones, Michelle Holland, Amy Kahler, Mike McCurnin, David Pollock, Jenny Puffer, Laura Sarcone, Lindsey Wanderscheid, Michelle Watson, and Dylan White

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

Ms. Huppert called the meeting to order at 3:30 p.m.

Consent Agenda

A motion was made by Mr. Davis, seconded by Mr. Gillette, to approve Consent Items A, B, C, D, and E (Approval of Minutes, April 25, 2023, Board of Water Works Trustees Meeting; Minutes, May 2, 2023, Finance and Audit Committee Meeting; Minutes, May 16, 2023, Planning Committee Meeting; Receipt and filing of the financial statements for audit purposes; Approval of Payments for April 2023; Approval of Summary of CEO-Approved Expenditures in Excess of \$20,000; and Approval of June 27, 2023, as the next meeting of the Board of Water Works Trustees). Upon vote, the motion was adopted, with Mr. Alec Davis, Mr. Graham Gillette, and Ms. Susan Huppert voting in favor of the motion and Ms. Andrea Boulton abstaining.

Public Comment Period

- April 25, 2023 Board Meeting Follow-Up  
Mr. Corrigan shared that he, Ms. Boulton, and Mr. Gillette met with union leadership and Mr. Adam Swihart with AFSCME on May 3<sup>rd</sup> to discuss steps to address employee concerns shared at the April Board meeting. One of the first tasks is to conduct a targeted cost study for some positions in Water Distribution.
- Regional Governance  
Mr. Corrigan provided an update on regionalization.

Not to Exceed \$10,599,673 Water Revenue Capital Loan Notes (State Revolving Fund Planning & Design Loan) for Drinking Water System Improvements Related to the Saylorville Water Treatment Plant Expansion – Resolution Fixing Date for a Meeting on the Proposition to Authorize a Loan and Disbursement Agreement and the Issuance of Notes to Evidence the Obligations Thereunder

The 2022 – 2027 Capital Improvement Plan includes capital expenditures for the planning and design of a 10 MGD expansion of the Saylorville Water Treatment Plant (SWTP). The SWTP expansion is required to ensure projected growth in customer demand will continue to be met with a safe, reliable, and high-quality water supply. A Preliminary Engineering Report was prepared in 2022 to identify and evaluate alternatives to increase the raw water supply and treatment capacity to meet the projected growth in demand. The raw water supply facilities will include four to six

horizontal collector wells along the Des Moines River and 18-inch and 36-inch diameter raw water transmission mains. The process for the 10 MGD water treatment expansion will be similar to the existing treatment process at SWTP.

Planning and Design (P&D) loans are available from the State Revolving Fund (SRF) at 0% interest for three years for the planning and design of drinking water system improvements. At the end of the three-year period, the planning and design costs are typically rolled into an SRF construction loan, or they can be paid using other funds.

DMWW's P&D application for these expansion and raw water supply projects has been approved by the State Revolving Fund and will next appear on the state's Intended Use Plan (IUP) project list for approval on June 20, 2023. In order to execute the Loan and Disbursement Agreement, DMWW must hold a public hearing and pass a resolution authorizing DMWW to execute the Agreement.

Board Member Graham Gillette introduced the following Resolution entitled "RESOLUTION FIXING DATE FOR A MEETING ON THE AUTHORIZATION OF A LOAN AND DISBURSEMENT AGREEMENT AND THE ISSUANCE OF NOT TO EXCEED \$10,599,673 WATER REVENUE CAPITAL LOAN NOTES OF THE CITY OF DES MOINES, STATE OF IOWA, AND PROVIDING FOR PUBLICATION OF NOTICE THEREOF", and moved that the same be adopted. Board Member Alec Davis seconded the motion to adopt.

RESOLUTION FIXING DATE FOR A MEETING ON THE  
AUTHORIZATION OF A LOAN AND DISBURSEMENT  
AGREEMENT AND THE ISSUANCE OF NOT TO EXCEED  
\$10,599,673 WATER REVENUE CAPITAL LOAN NOTES OF  
THE CITY OF DES MOINES, STATE OF IOWA, AND  
PROVIDING FOR PUBLICATION OF NOTICE THEREOF

WHEREAS, it is deemed necessary and advisable that the City of Des Moines, State of Iowa, should provide for the authorization of a Loan and Disbursement Agreement and the issuance of Water Revenue Capital Loan Notes, to the amount of not to exceed \$10,599,673, as authorized by Sections 384.24A and 384.83, of the Code of Iowa, for the purpose of providing funds to pay costs of carrying out project(s) as hereinafter described; and

WHEREAS, the Water Utility has applied for a loan through the Iowa Drinking Water Facilities Financing Program pursuant to which the Iowa Finance Authority has agreed to purchase the Notes and has requested that such Notes be issued as a single Note in a denomination equal to the total amount of the issue as authorized by Chapter 384 of the Code of Iowa; and

WHEREAS, the Loan and Disbursement Agreement and Notes shall be payable solely and only out of the Net Revenues of the Water Utility and shall be a first lien on the future Net Revenues of the Utility; and shall not be general obligations of the City or payable in any manner by taxation and the City shall be in no manner liable by reason of the failure of the Net Revenues to be sufficient for the payment of the Loan and Disbursement Agreement and Notes; and

WHEREAS, before the Loan and Disbursement Agreement and Notes may be issued, it is necessary to comply with the provisions of the Code, and to publish a notice of the proposal to issue such notes and of the time and place of the meeting at which the Board proposes to take action for the authorization of the Loan and Disbursement Agreement and Notes and to receive oral and/or written objections from any resident or property owner of the City to such action.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, STATE OF IOWA:

That this Board meet in the Des Moines Water Works Board Room, 2201 George Flag Parkway, Des Moines, Iowa, at 3:30 P.M., on the 27<sup>th</sup> day of June, 2023, for the purpose of taking action on the matter of the authorization of a Loan and Disbursement Agreement and the issuance of not to exceed \$10,599,673 Water Revenue Capital Loan Notes, the proceeds of which notes will be used to provide funds to pay the costs of acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with designing the Saylorville Water Treatment Plant expansion project.

That the Secretary is hereby directed to cause at least one publication to be made of a notice of the meeting, in a legal newspaper, printed wholly in the English language, published at least once weekly, and having general circulation in the City. The publication to be not less than four clear days nor more than twenty days before the date of the public meeting on the issuance of the Notes.

The notice of the proposed action to issue notes shall be in substantially the following form:

(To be published between June 7 and June 22, 2023 (dates inclusive))

NOTICE OF MEETING OF THE BOARD OF WATER WORKS  
TRUSTEES OF THE CITY OF DES MOINES, STATE OF IOWA,  
ON THE MATTER OF THE PROPOSED AUTHORIZATION OF A  
LOAN AND DISBURSEMENT AGREEMENT AND THE  
ISSUANCE OF NOT TO EXCEED \$10,599,673 WATER  
REVENUE CAPITAL LOAN NOTES, AND THE HEARING ON  
THE ISSUANCE THEREOF

PUBLIC NOTICE is hereby given that the Board of Water Works Trustees of the City of Des Moines, State of Iowa, will hold a public hearing on the 27<sup>th</sup> day of June, 2023, at 3:30 P.M., in the Des Moines Water Works Board Room, 2201 George Flagg Parkway, Des Moines, Iowa, at which meeting the Board proposes to take additional action for the authorization of a Loan and Disbursement Agreement by and between the City and the Iowa Finance Authority and the issuance to the Iowa Finance Authority of not to exceed \$10,599,673 Water Revenue Capital Loan Notes, to evidence the obligations under the said Loan and Disbursement Agreement, in order to provide funds to pay the costs of acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with designing the Saylorville Water Treatment Plant expansion project. The Notes will not constitute general obligations or be payable in any manner by taxation, but will be payable from and secured by the Net Revenues of the Water Utility.

At the above meeting the Board shall receive oral or written objections from any resident or property owner of the City to the above action. After all objections have been received and considered, the Board will at the meeting or at any adjournment thereof, take additional action for the authorization of a Loan and Disbursement Agreement and the issuance of the Notes to evidence the obligations thereunder or will abandon the proposal to issue said Notes.

This notice is given by order of the Board of Water Works Trustees of the City of Des Moines, State of Iowa, as provided by Sections 384.24A and 384.83 of the Code of Iowa.

Dated this 23<sup>rd</sup> day of May, 2023.

---

Secretary of the Board of Water Works  
Trustees, City of Des Moines, State of Iowa

(End of Notice)

A roll-call vote was taken and the vote was,

AYES: Andrea Boulton, Alec Davis, Graham Gillette, and Susan Huppert

NAYS: None

Whereupon, the Chairperson declared the measure duly adopted.

Asphaltic Concrete Surface Patch Contract – 2023-2024

This contract is for providing and placing asphaltic concrete materials for street patches related to maintenance and repair activities performed by our pipeline crews for the 2023-2024 season.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to award the Asphaltic Concrete Surface Patch Contract for 2023-2024 to Iowa Contracting, Inc., in the amount of \$258,000. Upon roll-call vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

Concrete Contract – 2023-2024

This contract is for ready-mix concrete materials for street patches related to maintenance and repair activities performed by our pipelines crews for the 2023-2024 season.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to award the 2023-2024 Concrete contract to CTI Ready Mix, in the amount of \$289,375. Upon roll-call vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

Acceptance of Nitrate Removal Facility Crawlspace Renovation

Mr. Corrigan reported that all work associated with the Nitrate Removal Facility Crawlspace Renovation project has been satisfactorily completed.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to accept the Nitrate Removal Facility Crawlspace Renovation project, completed by Henkel Construction Company, in the amount of \$1,622,614.39. Upon vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

Acceptance of Joint Eastside Booster Station Hypochlorite Feed System

Mr. Corrigan reported that all work associated with the Joint Eastside Booster Station Hypochlorite Feed System project has been satisfactorily completed.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to accept the Joint Eastside Booster Station Hypochlorite Feed System, completed by C. L. Carroll Co., Inc., in the amount of \$202,000. Upon vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.



Request Authorization for CEO and General Manager to Execute Agreement for Custodial Services  
Custodial services for the General Office, Grounds Buildings, Park Buildings, and the Fleur Drive Plant buildings have previously been provided by two in-house custodians with the assistance of an outside company, B & C Commercial Cleaning. Due to the retirement of one of our in-house custodians and the retirement of the owner of B & C Commercial Cleaning, new custodial services were needed.

In April of 2023, staff developed a Request for Proposals for Custodial Services with the intent to execute a new 3-year contract starting in June of 2023. The Request for Proposals was advertised on Des Moines Water Works website and sent to viable contractors who have previously showed interest in providing the service.

Four proposals were submitted on May 8<sup>th</sup>.

<u>Contractor</u>	<u>Annual Price</u>	<u>Contract Term</u>
Stratus Building Solutions	\$115,325.16	3-year
FBG Facility Services	\$140,256.00	3-year
Service Master	\$179,780.64	1-year
GS Solutions	\$542,880.00	3-year

The proposals were reviewed by staff most likely to interact with the cleaning service. Evaluations were based on experience, qualifications, and expertise along with references and cost of service. All members of the selection committee scored the same proposer the highest. The total points possible was 100. The average points awarded by the reviewers are summarized below:

Average Total Points Awarded

FBG	Stratus	Service Master	GS
90	88	67	51

Based on the ratings completed by a selection committee, FBG Facility Services received the highest score of the four contractors. As part of the review process, references were contacted. FBG references were very satisfied with the work completed.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to authorize the CEO and General Manager to execute an agreement with FBG Facility Services, in the amount of \$140,256.00 per year for Custodial Services from June 2023 to June 2026. Upon vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

Request Authorization to Issue a Purchase Order for New Backhoe

The Water Distribution Department operates four backhoes used for excavating and other work related to maintaining the water distribution system. Typically, these backhoes are replaced when they reach 10,000 hours of operation. When the 2023 budget was developed, one backhoe was nearing the 10,000-hour replacement mark. For this reason, the approved 2023 budget only included one backhoe. Following discussion with Water Distribution, staff is recommending replacement of a second backhoe in 2023.

The purchase price for a new 2023 John Deere 320P HL Rubber Tired Backhoe Loader is \$135,230. With an additional cost of \$11,370 for the standard 5-year backhoe warranty, the total purchase price is \$146,600. The trade-in price for the old backhoe is \$20,000, reducing the total

cost of the new backhoe to \$126,600. The lead time for delivery of the new backhoe is approximately 6 months.

A motion was made by Mr. Gillette seconded by Mr. Davis, to authorize staff to issue a Purchase Order to Murphy Tractor & Equipment Co., in the amount of \$126,600, for a new Backhoe. Upon vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

#### Acceptance of 2023 Treatment Basin No. 1 Rechainning

Mr. Corrigan reported that all work associated with the 2023 Treatment Basin No. 1 Rechainning project has been satisfactorily completed.

A motion was made by Mr. Gillette, seconded by Mr. Davis, to accept the 2023 Treatment Basin No. 1 Rechainning Contract completed by The Waldinger Corporation in the amount of \$239,200. Upon vote, the motion was adopted, with each member of the Board listed above as present voting in favor of the motion.

#### Board Committee Reports

The following reports were provided:

- Finance and Audit Committee – A meeting was held on May 2, 2023, as reflected in the minutes thereof. Mr. Davis gave a brief summary of the meeting.
- Planning Committee – A meeting was held on May 16, 2023, as reflected in the minutes thereof. Ms. Huppert gave a brief summary of the meeting.
- Stowe Foundation – Mr. Gillette had no update to share.
- Greater Des Moines Botanical Garden – Mr. Gillette had no update to share.
- Des Moines Water Works Park Foundation Board – Ms. Boulton reported that a lot of the Foundation's focus is on RAGBRAI and the 2023 Summer Concert series.

#### CEO and General Manager's Comments

Mr. Corrigan shared that staff is continuing to assess the turf damage that occurred during the Trump rally setup and nitrate levels are fluctuating in the Raccoon River due to recent rains with numbers exceeding 10ppm to the north.

#### Safety Update

Mr. Corrigan highlighted the Safety Update included in the materials that supplements the injury count shared on the meeting agenda and includes data on safety training.

4:17 p.m. adjourned

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

Tuesday, June 6, 2023

3:30 p.m.

Present (or Participating by Video or Audio Conference Link):

Board Members: Mr. Alec Davis and Ms. Diane Munns

Staff Members: Pat Bruner, Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Michelle Holland, Amy Kahler, Mike McCurnin, Jenny Puffer, Melissa Walker, and Michelle Watson

Also in attendance: Kristin Hughes, Chad McCoy, and Aaron McLaughlin (RSM US LLP)

Meeting called to order at 3:31 p.m.

1. DMWW & DMWW Pension Audit Reports

Ms. Kristin Hughes and Mr. Aaron McLaughlin (RSM US LLP) presented a high-level review of the DMWW Audit Reports, which include DMWW's Audit Report and Audit Reports of Collections for City of Des Moines Sewer, Storm Water and Solid Waste Utility Services. Mr. Chad McCoy presented a high-level review of the DMWW Pension Plan Audit Report.

2. CFO Comments

Ms. Kahler shared that staff will be meeting with our insurance broker later in the week to follow up on Special Events Insurance coverage for RAGBRAI. As a follow-up to Mr. Davis's question at the May 23<sup>rd</sup> Board meeting, Ms. Kahler reached out to Bankers Trust regarding the recent Federal debt ceiling suspension and shared that there would not be a significant amount of risk to DMWW even if Congress had not come to an agreement.

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

Meeting adjourned at 4:23 p.m.

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

Tuesday, June 13, 2023

3:30 p.m.

Present (or Participating by Video or Audio Conference Link):

Board Members: Mr. Graham Gillette and Ms. Susan Huppert

Staff Members: Nathan Casey, Ted Corrigan, Kyle Danley, Doug Garnett, Donna Heckman, Michelle Holland, Amy Kahler, Mike McCurnin, Jenny Puffer, Laura Sarcone, Melissa Walker, Lindsey Wanderscheid, Michelle Watson, and Dylan White

Also in Attendance:

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

1. 2024-2028 Five-Year Capital Improvement Plan

Mr. McCurnin presented the proposed 2024-2028 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 identifies nearly \$400 million in viable overall capital spending. This CIP continues to advocate for the same key themes and projects present in previous CIP efforts including treatment plant expansion, aquifer storage and recovery (ASR), water quality projects, water main replacement projects, and other reinvestments in the broad system. It is projected to use water rates to fund \$140 million of the total while using a combination of regional participation, debt, and funding by others for the remaining \$260 million. Ms. Kahler discussed possible sources of funding the CIP, including regional participation, water rate revenues, and borrowing (State Revolving Fund).

2. COO Comments

Mr. Danley shared that over 5,100 safety talks/trainings have been completed so far this year, the new Field Training Specialist position has been filled by an internal candidate, and Water Production is re-installing the 30 MGD west low lift pump that was removed and rebuilt over the winter.

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

Meeting adjourned at 4:12 p.m.

**DES MOINES WATER WORKS  
FINANCIAL STATEMENT COMMENTS  
FOR THE MONTH ENDED May 31, 2023**

**STATEMENT OF NET POSITION**

Below are summaries of financial position and activity for the month of May 2023:

**Summary Net Position (in millions)**

	<b>May 31, 2023</b>	<b>Dec 31, 2022</b>
Cash	\$20.2	\$24.4
Invested Cash	28.5	23.1
Accounts Receivable	12.6	12.0
Operating Reserves	14.9	13.4
Other Assets	6.4	7.3
Fixed Assets	618.6	618.6
Less: Accum Depreciation/Amortization	<u>(234.5)</u>	<u>(228.8)</u>
Net Fixed Assets	384.1	389.8
Construction in Progress	<u>15.1</u>	<u>9.6</u>
Total Assets	<u>481.7</u>	<u>479.6</u>
Deferred Outflows of Resources	11.6	11.6
<b>Total Assets &amp; Deferred Outflows of Resources</b>	<b><u>493.3</u></b>	<b><u>491.2</u></b>
Current Liabilities	11.0	14.6
Long-Term Liabilities	32.8	32.8
Other Liabilities	<u>2.1</u>	<u>2.0</u>
Total Liabilities	45.9	49.4
Deferred Inflows of Resources	11.1	11.1
Net Position	<u>436.3</u>	<u>430.7</u>
<b>Total Liabilities, Deferred Inflows of Resources &amp; Net Position</b>	<b><u>493.3</u></b>	<b><u>491.2</u></b>

The deferred inflows and deferred outflows of resources are composed of the differences between actual and expected experience of different components of the pension plan related to future reporting periods. These differences are measured each year and then recognized in pension expense over multiple future reporting periods depending on the nature of the difference (e.g., investment returns, demographic experience, assumption changes, etc.). Deferred outflow of resources is a consumption of net assets applicable to a future reporting period. Deferred inflow of resources is an acquisition of net assets applicable to a future reporting period.

## STATEMENT OF EARNINGS

Summary information from the Statement of Earnings is as follows:

	May 2023	Year to date 2023	Year to date 2022
<b>Operating Revenue</b>	\$ 7.3 million	\$ 33.2 million	\$ 30.0 million
<b>Operating Expenses</b>	\$ 6.3 million	\$ 28.3 million	\$ 26.0 million
<b>Other Income (Expense)</b>	\$ 0.1 million	\$ 0.7 million	\$ (0.1) million
<b>Net Earnings</b>	\$ 1.1 million	\$ 5.6 million	\$ 3.9 million

The table below summarizes expenses for the period-to-date ended May 2023 and 2022:

### OPERATING EXPENSES

Year-to-Date Ending May 31, 2023 and 2022

	YTD May 2023	% of Total	YTD May 2022	% of Total
Labor	\$ 6,635,789	29%	\$ 6,322,962	31%
Benefits	3,590,845	16%	3,706,774	18%
Purchased Services	4,160,545	18%	4,336,967	21%
Materials and Equipment	2,314,406	10%	1,538,373	7%
Chemicals	3,448,364	15%	2,779,703	13%
Utilities/Telephone	1,188,286	5%	972,012	5%
Insurance	908,443	4%	577,047	3%
Postage	180,128	1%	154,617	1%
Other	209,957	1%	210,075	1%
	<u>\$ 22,636,763</u>	100%	<u>\$ 20,598,530</u>	100%

## CHANGES IN INVESTMENTS

	Change from Prior Month	Average Annual Return
Operating Reserves	\$42,044	1.08%
Invested Operating Cash	\$80,545	1.04%

### Comments

Pension fund investments decreased by \$1.0 million for the month of May 2023. The pension fund balance as of May 31, 2023, was \$52.0 million.

## PROJECT EXPENSES

Total expenditures for operating projects through May 2023 were approximately \$22.6 million or 39% of the operating budget. Overall expenditures on capital projects were approximately \$5.4 million or 7% of the capital budget.

**DES MOINES WATER WORKS**  
**Statement of Net Position**  
**For the Period Ending May 31, 2023 and December 31, 2022**

	2023	2022	Change
<b>ASSETS</b>			
<b>Cash</b>			
Petty Cash	\$ 1,900	\$ 1,900	
Interest Bearing Cash	20,159,396	24,362,029	
Total	\$ 20,161,296	\$ 24,363,929	\$ (4,202,633)
<b>Invested Cash</b>			
<b>Operating</b>			
Cash on Hand	\$ 417,667	\$ 452,194	
U.S. Government Securities	28,100,022	22,635,308	
Total	\$ 28,517,690	\$ 23,087,502	\$ 5,430,188
<b>Accounts Receivable</b>			
Accounts Receivable	\$ 9,572,383	\$ 8,936,610	
Accounts Receivable Unbilled	2,914,894	2,914,894	
Accrued Interest Receivable	116,821	98,524	
Total	\$ 12,604,098	\$ 11,950,028	\$ 654,070
<b>Reserves (Invested)</b>			
<b>Operating</b>			
Cash On Hand	\$ 30,062	\$ 23,509	
U.S. Government Securities	14,866,186	13,383,339	
Total	\$ 14,896,248	\$ 13,406,848	\$ 1,489,400
<b>Revenue Bond Reserves (Invested)</b>			
Cash on Hand	\$ 7	\$ 0	
Total	\$ 7	\$ 0	\$ 7
<b>Other Assets</b>			
Materials in Stock Accounts	\$ 4,517,093	\$ 4,770,969	
Water Receivable Long-Term	223,868	241,040	
Lease Receivable	1,068,490	1,068,490	
Prepaid Insurance	468,951	937,132	
Prepaid Expense	283,693	487,730	
Accum Unrealized Gain/(Loss) Invest	(187,213)	(165,986)	
Total	\$ 6,374,883	\$ 7,339,376	\$ (964,493)

**DES MOINES WATER WORKS**  
**Statement of Net Position**  
**For the Period Ending May 31, 2023 and December 31, 2022**

	2023	2022	Change
<b>ASSETS-CONTINUED</b>			
<b>Fixed Assets</b>			
Land & Right of Way	\$ 8,208,369	\$ 8,208,369	
Structures and Machinery	177,404,410	177,404,410	
Water Supply System	61,641,214	61,641,214	
Urbandale Booster System	509,687	509,687	
Pipelines	298,387,507	298,387,507	
Meters	33,622,365	33,622,365	
Laboratory Equipment	822,658	822,658	
Distribution Equipment	1,664,460	1,664,460	
Mobile Equipment	4,464,544	4,464,544	
Vehicles	3,019,327	3,019,327	
Office Equipment	1,346,166	1,346,166	
MIS Equipment	27,407,397	27,407,397	
Intangible Right-to-use Asset	115,750	115,750	
Total	\$ 618,613,855	\$ 618,613,855	
Accumulated Depreciation/Amortization	(234,481,601)	(228,831,547)	
Construction in Progress	\$ 15,056,730	9,644,209	
Total Fixed Assets	\$ 399,188,985	\$ 399,426,517	\$ (237,532)
<b>TOTAL ASSETS</b>	<b>\$ 481,743,206</b>	<b>\$ 479,574,199</b>	<b>\$ 2,169,007</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
Pension Related Amounts	11,596,970	11,596,970	
Total	\$ 11,596,970	\$ 11,596,970	\$ -
<b>TOTAL ASSETS &amp; DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 493,340,176</b>	<b>\$ 491,171,169</b>	<b>\$ 2,169,007</b>



**DES MOINES WATER WORKS**  
**Statement of Net Position**  
**For the Period Ending May 31, 2023 and December 31, 2022**

	2023	2022	Change
<b>LIABILITIES</b>			
<b>Current Liabilities</b>			
Accounts Payable	\$ 632,957	\$ 2,732,873	
Construction Payables	3,799,821	5,108,072	
Salaries and Wages Payable	502,387	1,048,736	
Accrued Leave	3,758,369	3,758,369	
State Tax Payable	372,605	323,030	
Work Comp Reserves	490,917	490,917	
Fees Collected for Other Entities	1,447,035	1,114,223	
Unclaimed Refunds	16,592	10,622	
Total	\$ 11,020,683	\$ 14,586,842	\$ (3,566,159)
<b>Long Term Liabilities</b>			
Pension Liability	\$ 18,270,897	\$ 18,270,897	
Other Post-Employment Benefit Liability	14,425,185	14,425,185	
Lease Liability	57,236	57,236	
Total	\$ 32,753,318	\$ 32,753,318	\$ -
<b>Other Liabilities</b>			
Deposits by Consumers	\$ 2,101,694	\$ 2,010,429	
Project H2O	31,131	11,046	
Miscellaneous Liabilities	9,745	9,745	
Total	\$ 2,142,570	\$ 2,031,219	\$ 111,350
<b>TOTAL LIABILITIES</b>	<b>\$ 45,916,571</b>	<b>\$ 49,371,379</b>	<b>\$ (3,454,809)</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Pension Related Amounts	\$ 2,931,843	\$ 2,931,843	
Other Post-Employment Benefit Amounts	7,166,158	7,166,158	
Lease Amounts	1,048,471	1,048,471	
Total	\$ 11,146,472	\$ 11,146,472	\$ -
<b>NET POSITION</b>	<b>\$ 436,277,133</b>	<b>\$ 430,653,318</b>	<b>\$ 5,623,815</b>
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES &amp; NET POSITION</b>	<b>\$ 493,340,176</b>	<b>\$ 491,171,169</b>	<b>\$ 2,169,007</b>

**Des Moines Water Works**  
**Statement of Earnings and Retained Earnings**  
**For the Month Ended May 31, 2023, the Five Month Endings May 31, 2023**  
**and the Five Months Ending May 31, 2022**

	Current Month 2023	Year-To-Date 2023	Yearly Budget 2023	Actual vs. Budget Variance	Year-To-Date 2022	Year-To-Date Current vs. Prior Year
<b>OPERATING REVENUE</b>						
Water Sales	\$ 6,743,961	\$ 30,929,234	\$ 78,982,504	\$ (48,053,270)	\$ 28,251,956	\$ 2,677,278
Sewer Services - Runnells	8,013	37,658	77,291	(39,633)	37,334	324
Late Fees	43,289	177,009	375,000	(197,991)	163,153	13,856
Other Sales and Services	213,043	962,901	3,023,245	(2,060,344)	686,857	276,044
Billing Services Revenue	172,566	691,219	2,166,000	(1,474,781)	669,351	21,868
Land Use Revenue	28,677	94,777	216,000	(121,223)	97,830	(3,053)
Connection Fees	81,975	318,325	400,000	(81,675)	118,295	200,030
Cash Discount and Refunds	198	1,212	-	1,212	1,347	(135)
Total Operating Revenues	\$ 7,291,722	\$ 33,212,335	\$ 85,240,040	\$ (52,027,705)	\$ 30,026,123	\$ 3,186,212
<b>OPERATING EXPENSES</b>						
Labor	\$ 1,337,984	\$ 6,635,789	\$ 17,714,194	\$ 11,078,405	\$ 6,322,962	\$ (312,827)
Benefits	262,331	1,651,674	4,244,600	2,592,926	1,622,765	(28,909)
Retirement Benefits	362,458	1,939,171	5,454,800	3,515,629	2,084,009	144,838
Postage	45,343	180,128	450,000	269,872	154,617	(25,511)
Telephone	30,217	118,073	288,735	170,662	110,065	(8,008)
Insurance	231,146	908,443	1,625,000	716,557	577,047	(331,396)
Casualty Loss	20,622	23,226	110,000	86,774	26,159	2,933
Loss on Bad Accounts	(5,120)	(11,948)	155,000	166,948	(4,403)	7,545
Purchased Services	728,082	4,160,545	10,990,850	6,830,305	4,336,967	176,422
Training	35,770	93,250	251,270	158,020	58,334	(34,916)
Materials and Equipment	1,039,502	2,314,406	4,371,355	2,056,949	1,538,373	(776,033)
Chemicals	807,627	3,448,364	8,952,971	5,504,607	2,779,703	(668,661)
Utilities	237,115	1,070,213	3,149,500	2,079,287	861,947	(208,266)
Gasoline/Fuel	23,764	105,429	382,680	277,251	129,985	24,556
Total Operating Expense	\$ 5,156,841	\$ 22,636,763	\$ 58,140,955	\$ 35,504,192	\$ 20,598,530	\$ (2,038,233)
Depreciation & Amort Expense	\$ 1,128,152	5,650,054	13,583,232	7,933,178	\$ 5,448,255	(201,799)
Net Income from Operations	1,006,729	4,925,518	13,515,853	(8,590,335)	3,979,338	946,180
Other Income (Expense) :						
Investment Income	\$ 27,166	\$ 136,253	\$ 195,600	\$ (59,347)	\$ 5,396	\$ 130,857
Net Change - Investment Values	86,754	562,044	-	562,044	(74,911)	636,955
Interest Income / Expense	-	-	-	-	(1,308)	1,308
Other Income (Expense), net	\$ 113,920	\$ 698,297	\$ 195,600	\$ 502,697	\$ (70,823)	\$ 769,120
Net Earnings	<u>\$ 1,120,649</u>	<u>\$ 5,623,815</u>	<u>\$ 13,711,453</u>	<u>\$ (8,087,638)</u>	<u>\$ 3,908,515</u>	<u>\$ 1,715,300</u>
Retained Earnings, January 1		\$ 430,653,318			\$ 396,920,642	
Ending Retained Earnings		<u>\$ 436,277,133</u>			<u>\$ 400,829,157</u>	

**DES MOINES WATER WORKS  
STATEMENT OF INVESTMENT CHANGES  
FOR THE MONTH ENDED MAY 31, 2023**

**BOND RESERVES**

	Balance at 4/30/2023	Additions	Deductions	Balance at 5/31/2023
Cash on Hand	\$7	0	-	\$7
U.S. Government Securities	\$0	-	-	0
Total Bond Reserves	\$7	\$0	\$0	\$7

**INVESTED RESERVES**

	Balance at 4/30/2023	Additions	Deductions	Balance at 5/31/2023
<b>Operating</b>				
Cash on Hand	\$24,498	5,564	-	\$30,062
U.S. Government Securities	\$14,829,705	636,480	600,000	\$14,866,186
Total Invested Reserves	\$14,854,204	\$642,044	\$600,000	\$14,896,248

The average annual interest earned was 1.08%.

**INVESTED OPERATING CASH**

	Balance at 4/30/2023	Additions	Deductions	Balance at 5/31/2023
<b>Operating</b>				
Cash on Hand	\$5,404,952	5,726	4,993,011	\$417,667
U.S. Government Securities	\$23,032,193	5,067,830	-	28,100,022
Total Invested Reserves	\$28,437,145	\$5,073,556	\$4,993,011	\$28,517,690

The average annual interest earned was 1.04%.

**DES MOINES WATER WORKS  
STATEMENT OF INVESTMENT CHANGES  
YEAR TO DATE 2023**

**PENSION FUND**

	Balance 1/1/2023	Transfers, Expenses & Deposits	Benefit Payments	Investment Return	Balance at 5/31/2023	YTD % Return
<b><i>Fixed Income</i></b>						
Mellon Capital Mgmt - Bond Market Index	5,884,782	22,530	(1,598,952)	143,491	4,451,851	2.91%
Neuberger Berman / Mellon / DDJ - High Yield I	2,054,249	9,796		79,267	2,143,312	3.85%
Principal Global Investors - Income	17,705,946	70,920	2,457	440,062	18,219,385	2.49%
<b><i>Large U.S. Equity</i></b>						
Principal Global Investors - Equity Income	6,222,871	29,879		(183,660)	6,069,090	-2.94%
Principal Global Investors - Large Cap S&P 500 Index	2,608,625	12,735		248,936	2,870,296	9.53%
T. Rowe Price / Brown Advisory - Large Cap Growth	6,026,644	29,879		1,120,328	7,176,851	18.56%
<b><i>Small/Mid U.S. Equity</i></b>						
Robert Baird / Eagle Asset Mgmt - Mid Cap Growth III	894,171	4,408		57,985	956,564	6.47%
DFA / Vaughan Nelson / LA Capital - Small Cap Value II	457,533	2,204		(5,179)	454,558	-1.13%
AB / Brown / Emerald - Small Cap Growth I	453,452	2,204		21,745	477,402	4.79%
LA Capital Mgmt / Victory - Mid Cap Value I	918,826	4,408		(29,211)	894,023	-3.17%
<b><i>International Equity</i></b>						
Causeway / Barrow Hanley - Overseas	1,698,521	8,082		182,438	1,889,041	10.72%
Principal Global Investors / DFA - International Small Cap	769,177	3,674		22,283	795,134	2.89%
Principal Global Investors - Diversified International	3,865,020	18,613		293,015	4,176,648	7.56%
Origin Asset Management LLP - Origin Emerging Markets	1,345,371	6,368		50,479	1,402,218	3.75%
<b>Total Principal Financial</b>	<b>\$ 50,905,188</b>	<b>\$ 225,700</b>	<b>\$ (1,596,495)</b>	<b>\$ 2,441,979</b>	<b>\$ 51,976,372</b>	<b>4.88%</b>

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

		Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
	YTD Actual					
Operating						
	Office of the CEO/General Manager	\$583,058	\$2,412,086	\$0	\$2,412,086	\$1,829,028 24%
	Customer Service	\$2,051,219	\$5,521,535	\$0	\$5,521,535	\$3,470,316 37%
	Engineering	\$906,005	\$1,776,480	\$0	\$1,776,480	\$870,475 51%
	Finance	\$3,423,182	\$5,848,016	(\$2,886)	\$5,845,130	\$2,421,948 59%
	Human Resources	\$419,420	\$956,492	\$0	\$956,492	\$537,072 44%
	Information Technology	\$1,551,285	\$3,393,739	\$0	\$3,393,739	\$1,842,454 46%
	Office of the Chief Operating Officer	\$883,994	\$2,818,019	\$2,886	\$2,820,905	\$1,936,911 31%
	Water Distribution	\$3,250,898	\$8,290,517	\$0	\$8,290,517	\$5,039,619 39%
	Water Production	\$9,567,702	\$27,124,071	\$0	\$27,124,071	\$17,556,369 35%
	Total Operating	\$22,636,763	\$58,140,955	\$0	\$58,140,955	\$35,504,193 39%
Capital						
	Office of the CEO/General Manager	\$0	\$0	\$0	\$0	No Budget
	Customer Service	\$623,113	\$1,736,895	\$0	\$1,736,895	\$1,113,782 36%
	Engineering	\$3,036,047	\$54,338,440	\$19,881,250	\$74,219,690	\$71,183,643 4%
	Finance	\$0	\$0	\$0	\$0	No Budget
	Human Resources	\$0	\$0	\$0	\$0	No Budget
	Information Technology	\$253,578	\$2,140,750	\$0	\$2,140,750	\$1,887,172 12%
	Office of the Chief Operating Officer	\$7,885	\$251,473	\$0	\$251,473	\$243,588 3%
	Water Distribution	\$377,808	\$1,673,131	\$0	\$1,673,131	\$1,295,323 23%
	Water Production	\$1,137,273	\$2,321,067	\$784,000	\$3,105,067	\$1,967,794 37%
	Total Capital	\$5,435,703	\$62,461,756	\$20,665,250	\$83,127,006	\$77,691,303 7%
Total Project Costs		\$28,072,466	\$120,602,711	\$20,665,250	\$141,267,961	\$113,195,496 20%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Office of the CEO/General Manager**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
950-200	New Business, Community & Economic Dev	\$54,994	\$78,036	\$0	\$78,036	\$23,042	70%
996-001	CEO Department Administration	\$308,008	\$413,571	\$0	\$413,571	\$105,563	74%
996-030	Board Activities	\$75,668	\$1,327,026	\$0	\$1,327,026	\$1,251,358	6%
996-200	Business Strategies	\$48,445	\$188,972	\$0	\$188,972	\$140,527	26%
996-210	Project Management	\$38,045	\$98,635	\$0	\$98,635	\$60,590	39%
995-010	Public Policy - WS Advocate	\$57,898	\$305,846	\$0	\$305,846	\$247,948	19%
Total Operating		\$583,058	\$2,412,086	\$0	\$2,412,086	\$1,829,028	24%
OCEO Capital							
Total Capital		\$0	\$0	\$0	\$0	\$0	\$0
Total Office of CEO/General Manager		\$583,058	\$2,412,086	\$0	\$2,412,086	\$1,829,028	24%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Customer Service**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
950-001	Cust Svc Dept Administration	\$839,241	\$2,145,683	\$0	\$2,145,683	\$1,306,442	39%
950-100	Contact Center Operations	\$396,370	\$1,200,183	\$0	\$1,200,183	\$803,813	33%
950-300	Communications/PR	\$93,066	\$265,902	\$0	\$265,902	\$172,836	35%
950-500	CS - Distribution Water Quality	\$170,519	\$541,832	\$0	\$541,832	\$371,313	31%
950-600	Field Customer Service	\$552,023	\$1,367,935	\$0	\$1,367,935	\$815,912	40%
	Total Operating	\$2,051,219	\$5,521,535	\$0	\$5,521,535	\$3,470,316	37%
Capital							
955-060	Field Cust Svc Capital	\$620,978	\$1,736,895	\$0	\$1,736,895	\$1,115,917	36%
955-100	Contact Center Capital	\$0	\$0	\$0	\$0	\$0	No Budget
925-160	Radio Frequency Project	\$2,135	\$0	\$0	\$0	(\$2,135)	No Budget
	Total Capital	\$623,113	\$1,736,895	\$0	\$1,736,895	\$1,113,782	36%
Total Customer Service		\$2,674,332	\$7,258,430	\$0	\$7,258,430	\$4,584,098	37%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Engineering**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
940-001	Engineering Dept Administration	\$895,012	\$1,706,063	\$0	\$1,706,063	\$811,051	52%
940-010	Engineering Studies	\$10,992	\$70,417	\$0	\$70,417	\$59,425	16%
	Total Operating	\$906,005	\$1,776,480	\$0	\$1,776,480	\$870,475	51%
Capital							
945-010	Facility Management	\$1,043,828	\$3,956,359	\$3,760,750	\$7,717,109	\$6,673,281	14%
945-012	New ASR Well	\$54,768	\$2,750,882	\$638,000	\$3,388,882	\$3,334,114	2%
945-080	WMR - Des Moines	\$260,745	\$9,452,241	\$5,000,000	\$14,452,241	\$14,191,496	2%
945-090	WMR - Polk County	\$85,815	\$3,137,711	\$3,000,000	\$6,137,711	\$6,051,896	1%
945-095	WMR - Windsor Heights	\$10,256	\$28,221	\$784,000	\$812,221	\$801,965	1%
945-100	WMR - Pleasant Hill	\$288	\$300,000	\$0	\$300,000	\$299,712	0%
945-120	WMR - Cumming	\$1,555	\$0	\$0	\$0	(\$1,555)	No Budget
945-200	Development Plan Review & Inspection	\$161,944	\$284,784	\$42,000	\$326,784	\$164,840	50%
945-210	Core Network Feeder Mains	\$132,575	\$4,165,673	\$0	\$4,165,673	\$4,033,098	3%
945-220	Fleur Drive Treatment Plant	\$334,541	\$8,945,587	\$3,675,500	\$12,621,087	\$12,286,546	3%
945-225	McMullen Water Treatment Plant	\$161,228	\$789,543	\$1,781,000	\$2,570,543	\$2,409,315	6%
945-228	Saylorville Water Treatment Plant	\$722,502	\$20,527,439	\$0	\$20,527,439	\$19,804,937	4%
945-230	Remote Facilities - Pumping & Storage	\$53,458	\$0	\$1,200,000	\$1,200,000	\$1,146,542	4%
945-235	Joint NW Storage, PS and Feeder Mains	\$1,576	\$0	\$0	\$0	(\$1,576)	No Budget
945-245	Joint SW Storage, PS and Feeder Mains	\$7,708	\$0	\$0	\$0	(\$7,708)	No Budget
945-250	Waukee-Xenia Feeder Main & Pump Station	\$3,259	\$0	\$0	\$0	(\$3,259)	No Budget
	Total Capital	\$3,036,047	\$54,338,440	\$19,881,250	\$74,219,690	\$71,183,643	4%
Total Engineering		\$3,942,051	\$56,114,920	\$19,881,250	\$75,996,170	\$72,054,119	5%



DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Finance**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
930-001	Finance Dept Administration	\$378,046	\$1,034,466	(\$2,886)	\$1,031,580	\$653,534	37%
930-010	Financial Services	\$1,148,989	\$2,284,090	\$0	\$2,284,090	\$1,135,101	50%
930-086	Other Accounting Expenses	\$5,749	\$0	\$0	\$0	(\$5,749)	No Budget
930-090	Purchasing	\$48,489	\$97,989	\$0	\$97,989	\$49,500	49%
950-410	A/R Management	\$383,663	\$892,813	\$0	\$892,813	\$509,150	43%
970-010	Central Stores	\$47,632	\$128,179	\$0	\$128,179	\$80,547	37%
970-500	GDMBG Operations and Maintenance	\$100,135	\$100,000	\$0	\$100,000	(\$135)	100%
	Department Operating	\$2,112,703	\$4,537,537	(\$2,886)	\$4,534,651	\$2,421,948	47%
930-010	Financial Services - PILOT	\$1,310,479	\$1,310,479	\$0	\$1,310,479	\$0	100%
	Total Operating	\$3,423,182	\$5,848,016	(\$2,886)	\$5,845,130	\$2,421,948	59%
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		\$3,423,182	\$5,848,016	(\$2,886)	\$5,845,130	\$2,421,948	59%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Human Resources**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
910-001	HR Dept Administration	\$135,930	\$334,425	\$0	\$334,425	\$198,495	41%
910-010	Employee Relations	\$114,557	\$262,179	\$0	\$262,179	\$147,622	44%
910-060	Employment	\$120,318	\$134,901	\$0	\$134,901	\$14,583	89%
910-110	Compensation/Benefits	\$49,757	\$143,265	\$0	\$143,265	\$93,508	35%
910-150	Employee Learning & Growth	(\$1,141)	\$81,722	\$0	\$81,722	\$82,863	-1%
Total Operating		\$419,420	\$956,492	\$0	\$956,492	\$537,072	44%
Capital							
Total Capital		\$0	\$0	\$0	\$0	\$0	No Budget
Total Human Resources		\$419,420	\$956,492	\$0	\$956,492	\$537,072	44%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Information Technology**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
920-001	IT Dept Administration	\$333,453	\$817,646	\$0	\$817,646	\$484,193	41%
920-160	Technical Services	\$75,180	\$270,953	\$0	\$270,953	\$195,773	28%
920-240	IT Development & Application Svcs	\$9,788	\$205,712	\$0	\$205,712	\$195,924	5%
920-250	IT Services	\$753,523	\$1,192,514	\$0	\$1,192,514	\$438,991	63%
920-350	System Services	\$379,341	\$906,914	\$0	\$906,914	\$527,573	42%
	Total Operating	\$1,551,285	\$3,393,739	\$0	\$3,393,739	\$1,842,454	46%
Capital							
925-010	Info Systems Capital	\$253,578	\$2,140,750	\$0	\$2,140,750	\$1,887,172	12%
	Total Capital	\$253,578	\$2,140,750	\$0	\$2,140,750	\$1,887,172	12%
Total Information Technology		\$1,804,863	\$5,534,489	\$0	\$5,534,489	\$3,729,626	33%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Office of the Chief Operating Officer**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
993-000	OCOO Dept Administration	\$291,351	\$857,364	\$0	\$857,364	\$566,013	34%
960-510	Risk & Incident Management	\$241,826	\$926,008	\$2,886	\$928,894	\$687,068	26%
910-240	Safety	\$115,064	\$231,620	\$0	\$231,620	\$116,556	50%
970-060	Grounds Maintenance	\$235,753	\$803,027	\$0	\$803,027	\$567,274	29%
	Total Operating	\$883,994	\$2,818,019	\$2,886	\$2,820,905	\$1,936,911	31%
Capital							
975-005	Grounds Maintenance Capital	\$7,885	\$251,473	\$0	\$251,473	\$243,588	3%
	Total Capital	\$7,885	\$251,473	\$0	\$251,473	\$243,588	3%
Total Office of the COO		\$891,879	\$3,069,492	\$2,886	\$3,072,378	\$2,180,499	29%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Water Distribution**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
960-001	Water Dist Dept Administration	\$1,000,305	\$3,204,357	\$0	\$3,204,357	\$2,204,052	31%
960-010	Distribution Administration	\$42,647	\$132,812	\$0	\$132,812	\$90,165	32%
960-100	Dist System Maint/Repairs	\$1,520,969	\$3,096,374	\$0	\$3,096,374	\$1,575,405	49%
960-160	Water Distribution Support	\$75,414	\$195,424	\$0	\$195,424	\$120,010	39%
960-180	Leak Detection	\$297,053	\$756,222	\$0	\$756,222	\$459,169	39%
960-250	Distribution Billed Services	\$272,601	\$821,146	\$0	\$821,146	\$548,545	33%
960-500	Distribution Water Quality	\$41,910	\$84,182	\$0	\$84,182	\$42,272	50%
	Total Operating	\$3,250,898	\$8,290,517	\$0	\$8,290,517	\$5,039,619	39%
Capital							
965-010	Distribution System Improvements	\$372,748	\$1,638,831	\$0	\$1,638,831	\$1,266,083	23%
965-025	Dist Billed Services Capital	\$0	\$22,500	\$0	\$22,500	\$22,500	0%
965-200	Leak Detection Equipment	\$5,060	\$11,800	\$0	\$11,800	\$6,740	43%
	Total Capital	\$377,808	\$1,673,131	\$0	\$1,673,131	\$1,295,323	23%
Total Water Distribution		\$3,628,706	\$9,963,648	\$0	\$9,963,648	\$6,334,942	36%

DES MOINES WATER WORKS  
Project Costs by Department - Summary  
Year to Date ended May 31, 2023  
42% of Year Completed

**Water Production**

		YTD Actual	Yearly Budget 2023	Budget Adjustment / Carry Over	Net Yearly 2023 Budget	Variance	% of Budget
Operating							
970-110	Facility Maintenance	\$229,201	\$753,039	\$0	\$753,039	\$523,838	30%
970-200	Vehicle Maintenance	\$457,520	\$1,306,157	\$0	\$1,306,157	\$848,637	35%
970-360	Communication Sys Maintenance	\$14,509	\$53,064	\$0	\$53,064	\$38,555	27%
970-450	HVAC Operations & Maintenance	\$45,151	\$99,577	\$0	\$99,577	\$54,426	45%
980-001	Water Production Dept Admin	\$1,567,170	\$4,388,290	\$0	\$4,388,290	\$2,821,120	36%
980-010	Water Production Operations	\$496,956	\$1,189,600	\$0	\$1,189,600	\$692,644	42%
980-020	Fleur Treatment Chem/Energy	\$3,430,868	\$8,903,133	\$0	\$8,903,133	\$5,472,265	39%
980-030	McMullen Treatment Chem/Energy	\$984,813	\$3,231,252	\$0	\$3,231,252	\$2,246,439	30%
980-040	Saylorville Treatment Chem/Energy	\$411,599	\$1,605,047	\$0	\$1,605,047	\$1,193,448	26%
980-200	Fleur Plant Maintenance	\$782,089	\$1,893,639	\$0	\$1,893,639	\$1,111,550	41%
980-250	McMullen Plant Maintenance	\$213,580	\$582,851	\$0	\$582,851	\$369,271	37%
980-300	Saylorville Plant Maintenance	\$173,141	\$521,680	\$0	\$521,680	\$348,539	33%
980-350	WP Maintenance Oversight	\$71,425	\$220,992	\$0	\$220,992	\$149,567	32%
980-410	Louise P. Moon Pumping & Maint.	\$124,596	\$581,339	\$0	\$581,339	\$456,743	21%
980-420	PC PS Maintenance	\$58,238	\$160,986	\$0	\$160,986	\$102,748	36%
980-430	DM Remote Storage & Pumping	\$209,206	\$805,605	\$0	\$805,605	\$596,399	26%
980-500	Routine Laboratory Monitoring	\$275,810	\$657,139	\$0	\$657,139	\$381,329	42%
980-530	Source Water Quality	\$21,831	\$170,681	\$0	\$170,681	\$148,850	13%
Total Operating		\$9,567,702	\$27,124,071	\$0	\$27,124,071	\$17,556,369	35%
Capital							
985-010	Water Production Reinvestment	\$538,599	\$1,196,609	\$0	\$1,196,609	\$658,010	45%
975-010	Vehicle Capital	\$598,673	\$1,124,458	\$784,000	\$1,908,458	\$1,309,785	31%
Total Capital		\$1,137,273	\$2,321,067	\$784,000	\$3,105,067	\$1,967,794	37%
Total Water Production		\$10,704,974	\$29,445,138	\$784,000	\$30,229,138	\$19,524,164	35%

**Consent Agenda**  
**Item 1-C**

**MONTHLY SCHEDULE FOR THE MONTH OF MAY 2023**

BANKERS TRUST EXCESS OPERATING CASH FUND	Investment Purchased	4,993,010.87
ACCOUNTS PAYABLE MONTHLY SCHEDULE	Weekly Check Runs	6,220,993.88
EMPLOYEE PAYROLL	Bi Weekly Payrolls	<u>896,617.22</u>
TOTAL		<u><u>\$ 12,110,621.97</u></u>

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
50423	EMC Risk Services, Inc	Workers Comp	\$15,720.61
50623	Des Moines Metro Credit Union	Credit Union Payable	23,249.00
51123	EMC Risk Services, Inc	Workers Comp	38,026.12
51223	Principal Life Insurance	Deferred Compensation Payable	63,319.09
52023	Des Moines Metro Credit Union	Credit Union Payable	23,177.00
52323	EMC Risk Services, Inc	Workers Comp	10,430.71
52423	EMC Risk Services, Inc	Workers Comp	79,332.20
52623	Principal Life Insurance	Deferred Compensation Payable	62,973.42
53123	Treasurer State of Iowa	Iowa Water Excise Tax Payable	209,584.71
54083	IPERS Collections	Pension Plan Contribution	228,161.40
268467	Master Single Payment Vendor	Refunds	255.14
268468	Master Single Payment Vendor	Refunds	1,611.59
268469	Master Single Payment Vendor	Refunds	141.78
268470	Master Single Payment Vendor	Refunds	590.27
268471	Master Single Payment Vendor	Refunds	142.29
268472	Master Single Payment Vendor	Refunds	64.54
268473	Master Single Payment Vendor	Refunds	8.88
268474	Master Single Payment Vendor	Refunds	61.12
268475	Master Single Payment Vendor	Refunds	36.02
268476	Master Single Payment Vendor	Refunds	28.80
268477	Master Single Payment Vendor	Refunds	1,316.54
268478	Master Single Payment Vendor	Refunds	48.67
268479	Master Single Payment Vendor	Refunds	61.11
268480	Master Single Payment Vendor	Refunds	24.15
268481	Master Single Payment Vendor	Refunds	84.51
268482	Master Single Payment Vendor	Refunds	225.00
268483	Master Single Payment Vendor	Refunds	42.51
268484	Master Single Payment Vendor	Refunds	189.49
268485	Master Single Payment Vendor	Refunds	37.50
268486	Master Single Payment Vendor	Refunds	185.36
268487	Master Single Payment Vendor	Refunds	154.22
268488	Master Single Payment Vendor	Refunds	117.06
268489	Master Single Payment Vendor	Refunds	32.01
268490	Master Single Payment Vendor	Refunds	155.48
268491	Master Single Payment Vendor	Refunds	132.17
268492	Master Single Payment Vendor	Refunds	139.77
268493	Master Single Payment Vendor	Refunds	37.28
268494	Master Single Payment Vendor	Refunds	133.19
268495	Master Single Payment Vendor	Refunds	173.18
268496	Master Single Payment Vendor	Refunds	63.60
268497	Master Single Payment Vendor	Refunds	71.39
268498	Master Single Payment Vendor	Refunds	89.35
268499	Master Single Payment Vendor	Refunds	53.02
268500	Master Single Payment Vendor	Refunds	175.82
268501	Master Single Payment Vendor	Refunds	170.55
268502	Master Single Payment Vendor	Refunds	10.76
268503	Master Single Payment Vendor	Refunds	93.51
268504	Master Single Payment Vendor	Refunds	153.06
268505	Master Single Payment Vendor	Refunds	74.42
268506	Master Single Payment Vendor	Refunds	149.98
268507	Master Single Payment Vendor	Refunds	89.57
268508	Master Single Payment Vendor	Refunds	31.14
268509	Master Single Payment Vendor	Refunds	105.06
268510	Master Single Payment Vendor	Refunds	89.00
268511	Master Single Payment Vendor	Refunds	43.11
268512	Master Single Payment Vendor	Refunds	28.98
268513	Master Single Payment Vendor	Refunds	100.10



# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268514	Master Single Payment Vendor	Refunds	63.02
268515	Master Single Payment Vendor	Refunds	255.18
268516	Master Single Payment Vendor	Refunds	127.06
268517	Master Single Payment Vendor	Refunds	182.87
268518	Master Single Payment Vendor	Refunds	61.24
268519	Master Single Payment Vendor	Refunds	117.92
268520	Master Single Payment Vendor	Refunds	66.24
268521	Master Single Payment Vendor	Refunds	64.78
268522	Master Single Payment Vendor	Refunds	144.88
268523	Master Single Payment Vendor	Refunds	173.65
268524	Master Single Payment Vendor	Refunds	15.60
268525	Master Single Payment Vendor	Refunds	135.39
268526	Master Single Payment Vendor	Refunds	258.76
268527	Master Single Payment Vendor	Refunds	71.51
268528	AGRILAND FS, INC	Inventory	129.75
268529	Accurate Hydraulics & Machine Serv., Inc	Purchased Services	1,145.00
268530	Acme Tools	Materials & Supplies	161.44
268531	Ahlers, Cooney, PC	Legal Fees	165.00
268532	Air Products	Inventory	2,474.86
268533	Airgas North Central	Inventory	713.62
268534	Amazon Capital Services Inc	Materials & Supplies	116.86
268535	Baldwin Supply Company	Inventory	579.76
268536	Bonnie's Barricades	Contractors	1,917.60
268537	Busy Builders LLC	Casualty Losses	300.00
268538	Canon Financial Services INC	Printing & Copies	1,557.65
268539	Capital City Equipment Company	Vehicle Maintenance Materials	801.54
268540	Capital Sanitary Supply	Inventory	528.00
268541	Central States Group	Materials & Supplies	1,656.52
268542	CenturyLink	Telephone Services	164.04
268543	Cintas	Purchased Services	2,341.60
268544	City Supply Corporation	Inventory	435.58
268545	City of Des Moines	Contractors	55.00
268546	Cody Mikesell	Safety Glasses	185.00
268547	Commercial Supply Co	Inventory	310.00
268548	Construction & Aggregate Products, Inc.	Inventory	757.46
268549	Contract Specialty, L.C.	Park Materials	514.00
268550	Corrosion Fluid Products	Inventory	890.26
268551	DXP	Inventory	130.28
268552	Des Moines Iron Company	Vehicle Maintenance Materials	955.57
268553	Des Moines Register	Advertising	1,372.72
268554	Doug Garnett	NPELRA Annual Conference and Training	1,255.70
268555	Douglas K. Oscarson	Consultants	1,787.10
268556	Electrical Engineering & Equipment Co.	Inventory	1,162.40
268557	Electronic Engineering Company	Purchased Services	1,374.00
268558	Endress and Hauser	Inventory	1,171.35
268559	Erika Hale	NPELRA Annual Conference and Training	918.75
268560	Evan Kerr	Safety Glasses	212.00
268561	Factory Motor Parts Company	Vehicle Maintenance Materials	173.79
268562	Fisher Scientific	Materials & Supplies	67.52
268563	Force Fitters	Employee Job Costs	172.00
268564	Grainger, Inc.	Inventory	1,959.81
268565	Graybar Electric Company	Inventory	368.71
268566	Hawkins Water Treatment Group	Inventory	1,186.30
268567	IDEXX Laboratories, Inc.	Materials & Supplies	308.89
268568	Indelco Plastics	Inventory	886.13
268569	Industrial Scientific Corporation	Dues and Memberships	2,315.03
268570	Ingersoll Rand	Inventory	169.81

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268571	Iowa Public Radio	Advertising	1,394.00
268572	KFI Engineers	Contractors	1,918.30
268573	Lawson Products, Inc.	Inventory	67.00
268574	MSC Industrial Supply Company	Vehicle Maintenance Materials	446.74
268575	McMaster-Carr Supply Company	Materials & Supplies	482.27
268576	Mellen & Associates	Materials & Supplies	35.51
268577	Menard's	Materials & Supplies	373.51
268578	Mid America Meter, Inc	Purchased Services	427.81
268579	Midwest Office Technology, Inc.	Printing & Copies	992.80
268580	Midwest Wheel Companies	Vehicle Maintenance Materials	1,284.92
268581	Motion Industries	Inventory	802.41
268582	Nichols Equipment LLC	Contractors	102.00
268583	P & P Small Engines, Inc.	Vehicle Maintenance Materials	482.46
268584	Plumb Supply Company	Inventory	205.03
268585	Power Process Equipment, Inc.	Inventory	1,073.37
268586	Power Seal	Inventory	2,401.94
268587	Premier Safety	Inventory	654.99
268588	Print Image Solutions, Inc.	Inventory	1,333.15
268589	Protex Central, Inc.	Purchased Services	124.00
268590	Quick Supply Company	Park Materials	572.18
268591	Ramco Innovations	Materials & Supplies	211.22
268592	Scott Bierman	Gasoline	150.00
268593	Servicemaster Commercial Carpet, Inc.	Purchased Services	924.00
268594	Shad Haidsiak	Safety Boots	161.09
268595	Sherwin Williams	Materials & Supplies	252.49
268596	Sherwin Williams	Vehicle Maintenance Materials	36.39
268597	Skarshaug Testing Laboratory	Materials & Supplies	867.84
268598	Springer Pest Solutions DSM	Purchased Services	77.00
268599	Star Equipment, Ltd.	Contractors	108.00
268600	Stivers	Purchased Services	1,467.20
268601	Storey-Kenworthy Company	Inventory	160.53
268602	TPx Communications	Internet Connectivity	723.08
268603	Thyssenkrupp Elevator Corporation	Purchased Services	698.09
268604	Tompkins Industries, Inc.	Vehicle Maintenance Materials	79.82
268605	Total Tool	Inventory	239.88
268606	Truck Center Companies	Vehicle Maintenance Materials	399.84
268607	U.S. Autoforce	Vehicle Maintenance Materials	766.64
268608	ULINE	Inventory	356.40
268609	USA Safety Supply Corp	Inventory	39.15
268610	United States Plastic Corporation	Inventory	89.50
268611	Van Meter Industrial, Inc.	Inventory	70.50
268612	Vessco	Inventory	944.35
268613	Warren Water District	Purchased Services	2,373.00
268614	West Des Moines Water Works	Sewer	74.00
268615	White Cap	Materials & Supplies	936.38
268616	Woodland Lake Estate Association	Woodland Lakes Estates Payable	2,200.00
268617	B & C Commercial Cleaning L.C.	Purchased Services	7,250.00
268618	CTI Ready Mix	Concrete	8,875.00
268619	Calgon Carbon Kuraray	Inventory	64,544.00
268620	Central Pump and Motor	Materials & Supplies	3,258.40
268621	City of Alleman	Alleman Payable	4,466.54
268622	City of Cumming	Cumming Payable	5,485.37
268623	City of Pleasant Hill	Billing Service Revenue	249,923.60
268624	City of Runnells	Billing Service Revenue	3,990.18
268625	City of Windsor Heights	Billing Service Revenue	56,359.59
268626	Core and Main	Inventory	8,258.20
268627	DLT Solutions LLC	Maintenance Contracts	7,102.48

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268628	Evoqua Water Technologies LLC	Inventory	4,355.70
268629	Greenfield Plaza Sanitary Sewer	Billing Service Revenue	22,716.22
268630	HDR Engineering	Purchased Services	13,475.03
268631	HomeServe USA	Billing Service Revenue	200,166.25
268632	IP Pathways, LLC	Maintenance Contracts	9,750.00
268633	Iowa One Call	Purchased Services	3,988.90
268634	JMT Trucking	Contractors	14,439.16
268635	Kemira Water Solutions, Inc	Inventory	37,324.62
268636	Lamar Companies	Consultants	6,160.00
268637	MW Media Consultants, LLC	Consultants	6,537.50
268638	Mail Services LLC	Postage	9,702.22
268639	Mid American Energy	Utilities - Electric & Natural Gas	13,066.10
268640	Mississippi Lime Company	Inventory	65,531.42
268641	Municipal Supply, Inc.	Inventory	9,019.05
268642	Neptune Technology Group Inc	Inventory	9,649.74
268643	Nite Owl Printing	Materials & Supplies	2,732.32
268644	Polk County	Billing Service Revenue	52,921.23
268645	Polk County Treasurer	Billing Service Revenue	24,650.14
268646	Protectoplas Company	Materials & Supplies	15,728.00
268647	Radwell International	Materials & Supplies	3,933.75
268648	Renewable Energy Group	Inventory	11,744.86
268649	Rimini Street	Maintenance Contracts	67,312.00
268650	ShiveHattery, Inc.	Contractors	4,826.70
268651	Snyder & Associates, Inc.	Contractors	34,487.72
268652	Symphony Industrial	Purchased Services	20,671.46
268653	The Underground Co.	Contractors	26,750.00
268654	USA Bluebook	Inventory	7,129.21
268655	Urbandale/Windsor Heights Sanitary Dist	Billing Service Revenue	35,748.83
268656	Verizon Wireless Messaging Service	Cell Phones	5,927.63
268657	Voya Financial	Insurance Withholding	9,337.58
268658	Master Single Payment Vendor	Refunds	118.14
268659	Master Single Payment Vendor	Refunds	86.72
268660	Master Single Payment Vendor	Refunds	104.35
268661	Master Single Payment Vendor	Refunds	16.05
268662	Master Single Payment Vendor	Refunds	156.03
268663	Master Single Payment Vendor	Refunds	63.74
268664	Master Single Payment Vendor	Refunds	885.87
268665	Master Single Payment Vendor	Refunds	158.40
268666	Master Single Payment Vendor	Refunds	349.97
268667	Master Single Payment Vendor	Refunds	128.74
268668	Master Single Payment Vendor	Refunds	106.07
268669	Master Single Payment Vendor	Refunds	136.24
268670	Master Single Payment Vendor	Refunds	33.22
268671	Master Single Payment Vendor	Refunds	98.02
268672	Master Single Payment Vendor	Refunds	68.74
268673	Master Single Payment Vendor	Refunds	29.08
268674	Master Single Payment Vendor	Refunds	45.33
268675	Master Single Payment Vendor	Refunds	119.25
268676	Master Single Payment Vendor	Refunds	143.48
268677	Master Single Payment Vendor	Refunds	37.69
268678	Master Single Payment Vendor	Refunds	48.22
268679	Master Single Payment Vendor	Refunds	86.15
268680	Master Single Payment Vendor	Refunds	30.60
268681	Master Single Payment Vendor	Refunds	58.38
268682	Master Single Payment Vendor	Refunds	88.87
268683	Master Single Payment Vendor	Refunds	130.90
268684	Master Single Payment Vendor	Refunds	132.34

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268685	Master Single Payment Vendor	Refunds	48.36
268686	Master Single Payment Vendor	Refunds	2,584.04
268687	AT&T Mobility	Cell Phones	113.09
268688	Accurate Hydraulics & Machine Serv., Inc	Inventory	364.37
268689	Acme Tools	Inventory	51.39
268690	Air-Mach Air Compressor &	Inventory	298.00
268691	Airgas North Central	Tools	398.91
268692	Allendan Seed Company	Park Materials	510.68
268693	Allender Butzke Engineers Inc.	Contractors	1,188.02
268694	American Radiator	Vehicle Maintenance Materials	754.68
268695	American Toppers/Line-X	Vehicle Maintenance Materials	70.00
268696	Armored Knights., Inc	Purchased Services	532.40
268697	Beyondtrust Corporation	Maintenance Contracts	2,357.96
268698	Blake Wilkerson	Safety Boots	201.39
268699	Bonnie's Barricades	Contractors	2,324.90
268700	Capital Sanitary Supply	Inventory	1,232.58
268701	Central Iowa Towing & Recover Inc	Contractors	50.00
268702	Central States Group	Inventory	485.34
268703	CenturyLink	Telephone Services	326.35
268704	Cintas	Purchased Services	683.62
268705	City of Des Moines	Contractors	460.00
268706	City of Des Moines	Purchased Services	260.00
268707	Construction & Aggregate Products, Inc.	Inventory	64.00
268708	Contractors Rental Company, Inc.	Contractors	48.00
268709	Core and Main	Materials & Supplies	286.45
268710	Dentons Davis Brown PC	Legal Fees	304.00
268711	Des Moines Iron Company	Vehicle Maintenance Materials	452.04
268712	Douglas K. Oscarson	Consultants	1,776.00
268713	Dultmeier Sales LLC	Inventory	70.05
268714	Elder Corporation	Contractors	1,625.00
268715	Fastenal Company	Inventory	226.00
268716	Fire Hose Direct	Inventory	493.98
268717	First Choice Coffee	Food & Beverages	180.00
268718	Graybar Electric Company	Inventory	142.56
268719	Great Lakes Lifting Solutions, LLC	Vehicle Maintenance Materials	259.00
268720	Hach Chemical Company	Materials & Supplies	415.80
268721	Hawkins Water Treatment Group	Inventory	387.00
268722	IP Pathways, LLC	Data Processing Equipment	1,959.46
268723	Image Solutions	Office Supplies	49.00
268724	Interstate All Battery	Materials & Supplies	26.80
268725	J' Sean Thompson	Safety Glasses	193.00
268726	Jason Battin	Safety Boots & Safety Clothing	321.95
268727	Jeremy Leonard	Casualty Losses	487.00
268728	John's Tree Service, Inc.	Contractors	1,600.00
268729	Keystone Laboratories	Purchased Services	74.50
268730	LabStrong	Materials & Supplies	145.09
268731	Lawson Products, Inc.	Inventory	56.58
268732	Lindsey Wanderscheid	Mileage	217.33
268733	McDonald Supply	Inventory	404.42
268734	McMaster-Carr Supply Company	Inventory	1,005.03
268735	Menard's	Materials & Supplies	269.81
268736	Merrill Axle & Wheel Service, Inc.	Purchased Services	125.00
268737	Michael Zach	Licenses & Certifications	61.50
268738	Midwest Wheel Companies	Vehicle Maintenance Materials	228.59
268739	Neptune Technology Group Inc	Materials & Supplies	1,663.18
268740	Novaspect	Inventory	780.82
268741	O'Reilly Auto Parts	Vehicle Maintenance Materials	36.57

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268742	One Source	Purchased Services	978.95
268743	Ottson Oil Company	Inventory	521.86
268744	Plumb Supply Company	Inventory	224.47
268745	Praxair	Vehicle Maintenance Materials	987.65
268746	Premier Safety	Inventory	1,248.33
268747	Propio Language Services	Purchased Services	850.45
268748	Reams Sprinkler Supply	Park Materials	51.46
268749	Revenue Advantage	Purchased Services	950.00
268750	Roy's Towing and Recovery	Purchased Services	470.00
268751	SEI Security Equipment, Inc	Materials & Supplies	2,314.95
268752	SVPA Architects Inc	Contractors	827.96
268753	Schlarbaum Auto Body	Purchased Services	1,607.39
268754	Shattuck Turf Farms	Park Materials	77.00
268755	Star Equipment, Ltd.	Inventory	687.47
268756	Storey-Kenworthy Company	Office Supplies	47.00
268757	Team Lawncare, LLC	Contractors	125.00
268758	The Filter Shop	Inventory	149.00
268759	Torgerson Excavating	Plumbing	250.00
268760	Total Tool	Materials & Supplies	2,175.71
268761	Truck Center Companies	Vehicle Maintenance Materials	183.46
268762	U.S. Autoforce	Vehicle Maintenance Materials	786.15
268763	UPHDM Occupational Medicine	Purchased Services	1,571.50
268764	UPS	Delivery/Freight	334.92
268765	USA Bluebook	Inventory	1,027.00
268766	United Seeds, Inc.	Park Materials	837.50
268767	United States Plastic Corporation	Inventory	138.15
268768	Valley Environmental	Purchased Services	315.00
268769	Valley Plumbing Company, Inc.	Plumbing	2,365.00
268770	Veenstra & Kimm, Inc.	Contractors	242.50
268771	Vessco	Inventory	216.60
268772	Wex Bank	Gasoline	264.11
268773	White Cap	Inventory	275.43
268774	Air Products	Inventory	6,098.76
268775	Amazon Capital Services Inc	Materials & Supplies	3,241.03
268776	Baker Electric, Inc.	Contractors	23,219.63
268777	Baker Group	Purchased Services	8,108.99
268778	Bearing Headquarters Company	Inventory	14,946.61
268779	Bolton & Menk, Inc	Contractors	6,144.50
268780	Brockway Mechanical & Roofing Co, Inc.	Contractors	113,512.65
268781	CL Carroll Co Inc	Contractors	36,575.00
268782	CPI International	Inventory	2,831.25
268783	CTI Ready Mix	Concrete	5,022.00
268784	Calgon Carbon Kuraray	Inventory	63,904.00
268785	Carquest	Vehicle Maintenance Materials	3,278.66
268786	Chuck & Larry's Transmission	Purchased Services	4,095.58
268787	Creditron	Maintenance Contracts	9,462.79
268788	DXP	Materials & Supplies	4,915.52
268789	Dickinson, Mackaman, Tyler, & Hagen, PC	Legal Fees	7,181.00
268790	Dixie Petro-Chem, Inc.	Inventory	18,643.64
268791	Electrical Engineering & Equipment Co.	Contractors	65,845.14
268792	Engineered Thermal Insulation	Purchased Services	10,900.00
268793	FreeState Flow Solutions Inc	Materials & Supplies	2,811.62
268794	Grainger, Inc.	Inventory	3,231.38
268795	HR Green	Contractors	7,135.25
268796	Hutcheson Engineering Products Inc.	Materials & Supplies	54,602.19
268797	IMEG Corp	Contractors	10,925.00
268798	Kemira Water Solutions, Inc	Inventory	37,157.22

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268799	Lab Lite LLC	Maintenance Contracts	3,985.00
268800	Mail Services LLC	Postage	10,490.39
268801	McClure Engineering Company	Contractors	24,288.83
268802	Mid American Energy	Utilities - Electric & Natural Gas	191,429.74
268803	Mississippi Lime Company	Inventory	53,599.19
268804	Municipal Supply, Inc.	Inventory	4,643.80
268805	Nate Todd Construction	Contractors	22,555.00
268806	Oracle America Inc	Maintenance Contracts	21,051.80
268807	Peterbilt of Des Moines	Vehicle Maintenance Materials	3,829.36
268808	Phoenix Security Contractors, LLC	Purchased Services	44,675.40
268809	SHERMCO INDUSTRIES	Contractors	6,894.00
268810	Snaadt Media Group	Materials & Supplies	2,625.50
268811	Snyder & Associates, Inc.	Contractors	10,650.00
268812	State Hygienic Laboratory	Purchased Services	5,100.00
268813	Superior Industrial Equipment	Materials & Supplies	55,376.60
268814	Van Meter Industrial, Inc.	Contractors	36,362.11
268815	Verizon Wireless Messaging Service	Cell Phones	4,841.14
268816	WRH, Inc.	Contractors	129,472.32
268817	Waldinger Corporation	Contractors	24,524.65
268818	Whitfield's Lawn & Garden	Contractors	29,660.00
268819	Master Single Payment Vendor	Refunds	743.03
268820	Master Single Payment Vendor	Refunds	49.21
268821	Master Single Payment Vendor	Refunds	56.64
268822	Master Single Payment Vendor	Refunds	353.02
268823	Master Single Payment Vendor	Refunds	109.04
268824	Master Single Payment Vendor	Refunds	124.33
268825	Master Single Payment Vendor	Refunds	225.74
268826	Master Single Payment Vendor	Refunds	13.06
268827	Master Single Payment Vendor	Refunds	26.75
268828	Master Single Payment Vendor	Refunds	94.05
268829	Master Single Payment Vendor	Refunds	146.86
268830	Master Single Payment Vendor	Refunds	135.83
268831	Master Single Payment Vendor	Refunds	96.75
268832	Master Single Payment Vendor	Refunds	9.02
268833	Master Single Payment Vendor	Refunds	36.70
268834	Master Single Payment Vendor	Refunds	134.62
268835	Master Single Payment Vendor	Refunds	128.48
268836	Master Single Payment Vendor	Refunds	71.75
268837	Master Single Payment Vendor	Refunds	129.53
268838	Master Single Payment Vendor	Refunds	110.24
268839	Master Single Payment Vendor	Refunds	54.01
268840	Master Single Payment Vendor	Refunds	128.78
268841	Master Single Payment Vendor	Refunds	102.76
268842	Master Single Payment Vendor	Refunds	35.28
268843	Master Single Payment Vendor	Refunds	73.15
268844	Master Single Payment Vendor	Refunds	129.34
268845	Master Single Payment Vendor	Refunds	57.38
268846	Master Single Payment Vendor	Refunds	125.39
268847	Master Single Payment Vendor	Refunds	74.32
268848	Master Single Payment Vendor	Refunds	62.30
268849	Master Single Payment Vendor	Refunds	504.63
268850	Master Single Payment Vendor	Refunds	108.20
268851	Master Single Payment Vendor	Refunds	328.96
268852	Master Single Payment Vendor	Refunds	165.61
268853	Master Single Payment Vendor	Refunds	46.00
268854	Master Single Payment Vendor	Refunds	78.93
268855	Master Single Payment Vendor	Refunds	27.80

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268856	Master Single Payment Vendor	Refunds	79.07
268857	Master Single Payment Vendor	Refunds	137.42
268858	Master Single Payment Vendor	Refunds	1,487.85
268859	Master Single Payment Vendor	Refunds	38.32
268860	Master Single Payment Vendor	Refunds	126.09
268861	Acme Tools	Inventory	514.73
268862	Action Electrical	Contractors	220.00
268863	Agriland FS, Inc	Natural Gas	2,127.58
268864	Air-Mach Air Compressor &	Materials & Supplies	97.00
268865	Airgas North Central	Materials & Supplies	13.46
268866	Alex Broderick	Casualty Losses	179.74
268867	All Makes Office Equip	Materials & Supplies	1,176.96
268868	Allendan Seed Company	Park Materials	255.34
268869	Amazon Capital Services Inc	Materials & Supplies	795.99
268870	American Fence of Iowa	Contractors	2,322.00
268871	American Society of Safety Professionals	Dues and Memberships	220.00
268872	B & C Commercial Cleaning L.C.	Purchased Services	1,475.00
268873	Badger Daylighting	Contractors	2,422.14
268874	Betty Neuman & McMahon, PLC	Legal Fees	913.00
268875	Capital Sanitary Supply	Inventory	114.64
268876	Chris Cline	Safety Boots	117.65
268877	City Supply Corporation	Inventory	200.80
268878	City of Des Moines	Contractors	915.00
268879	Colin Lenihan	Safety Boots	173.33
268880	Contract Specialty, L.C.	Park Materials	639.80
268881	Core and Main	Inventory	1,819.85
268882	Cross Precision Measurement	Purchased Services	446.42
268883	Crow's Automotive Service	Contractors	373.36
268884	Custom Steel Builders Inc	Vehicle Maintenance Materials	190.00
268885	DXP	Inventory	1,159.43
268886	Delta Dental of Iowa	Vision Withholding	1,083.76
268887	Dentons Davis Brown PC	Legal Fees	1,596.00
268888	Des Moines Asphalt & Paving Co., Inc.	Asphalt	383.40
268889	Des Moines Water Works Petty Cash	Materials & Supplies	666.33
268890	Doors, Inc.	Vehicle Maintenance Materials	444.00
268891	Douglas K. Oscarson	Consultants	1,776.00
268892	First Choice Coffee	Food & Beverages	455.00
268893	Fisher Scientific	Materials & Supplies	410.06
268894	Grainger, Inc.	Inventory	1,478.71
268895	Graybar Electric Company	Inventory	1,616.59
268896	HY-VEE	Food & Beverages	237.12
268897	Home City Ice	Park Materials	480.00
268898	IDEXX Laboratories, Inc.	Materials & Supplies	2,422.67
268899	Image Solutions	Employee Job Costs	601.80
268900	Ingersoll Rand	Inventory	364.55
268901	James Murillo	Safety Glasses	375.00
268902	Jim Steger	Safety Boots	153.00
268903	Kinzler Construction Services	Purchased Services	251.50
268904	Kyle Danley	Licenses & Certifications	63.04
268905	McMaster-Carr Supply Company	Materials & Supplies	1,163.82
268906	Mead O'Brien, Inc.	Materials & Supplies	1,152.00
268907	Melissa Fuller	Licenses & Certifications	54.33
268908	Merrill Axle & Wheel Service, Inc.	Purchased Services	96.00
268909	Midwest Wheel Companies	Tools	1,437.97
268910	Napa Auto Parts	Vehicle Maintenance Materials	1,491.98
268911	P & P Small Engines, Inc.	Park Materials	489.99
268912	Plumb Supply Company	Inventory	979.94

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268913	Power Process Equipment, Inc.	Inventory	2,469.26
268914	Premier Safety	Inventory	1,246.78
268915	Quick Supply Company	Materials & Supplies	992.40
268916	Radwell International	Inventory	2,232.12
268917	Raka	Vehicle Maintenance Materials	964.79
268918	Reppert Rigging & Hauling Co.	Contractors	400.00
268919	SEI Security Equipment, Inc	Materials & Supplies	279.00
268920	Sherwin Williams	Vehicle Maintenance Materials	140.39
268921	Shirley Howard	Food & Beverages	125.87
268922	Siemens Industry Inc. c/oJasper eng	Inventory	1,223.00
268923	SysAid	Materials & Supplies	503.00
268924	The Shredder	Purchased Services	87.00
268925	Thompson Pipe Group Pressure	Materials & Supplies	721.04
268926	Tompkins Industries, Inc.	Vehicle Maintenance Materials	126.86
268927	USA Bluebook	Inventory	1,775.68
268928	USA Safety Supply Corp	Inventory	71.89
268929	Underwriters Laboratory	Purchased Services	699.50
268930	United Seeds, Inc.	Park Materials	712.50
268931	VWR International LLC	Materials & Supplies	86.46
268932	Van Meter Industrial, Inc.	Vehicle Maintenance Materials	72.43
268933	Vessco	Inventory	309.00
268934	Waste Management of Iowa Inc.	Purchased Services	1,972.98
268935	Waste Solutions of Iowa	Purchased Services	1,486.00
268936	White Cap	Inventory	1,351.56
268937	Wixted & Co	Consultants	831.25
268938	Ziegler Inc.	Vehicle Maintenance Materials	176.60
268939	Aurcon Communications	Telephone Services	3,873.02
268940	Baker Group	Purchased Services	11,261.94
268941	Bolton & Menk, Inc	Contractors	4,189.50
268942	CDW	Materials & Supplies	5,789.98
268943	CONVERGEONE, INC	Materials & Supplies	12,799.42
268944	CTI Ready Mix	Concrete	3,567.00
268945	Chemtrade Chemicals US LLC	Inventory	18,615.50
268946	Cintas	Purchased Services	3,956.11
268947	Dixie Petro-Chem, Inc.	Inventory	28,173.35
268948	DuBois Chemicals, INC	Inventory	12,158.33
268949	Gold Standard Diagnostics	Inventory	6,781.94
268950	HDR Engineering	Purchased Services	6,214.50
268951	Heartland Business Systems	Purchased Services	10,601.00
268952	Hutcheson Engineering Products Inc.	Materials & Supplies	8,943.44
268953	IP Pathways, LLC	Maintenance Contracts	6,600.00
268954	Intergraph Corporation	Data Processing Equipment	121,115.40
268955	Iowa Association of Municipal Utilities	Training	4,800.00
268956	Kemira Water Solutions, Inc	Inventory	12,504.78
268957	Layne Christensen Company	Contractors	236,768.50
268958	Mail Services LLC	Postage	7,561.65
268959	Mississippi Lime Company	Inventory	83,605.42
268960	Municipal Supply, Inc.	Inventory	7,163.26
268961	Neptune Technology Group Inc	Inventory	29,326.74
268962	Ottsen Oil Company	Vehicle Maintenance Materials	3,469.81
268963	RBS Safety Training, LLC	Training	6,080.00
268964	RSM US LLP	Accounting Fees	52,500.00
268965	SWANSON FLO SYSTEMS	Inventory	2,944.12
268966	Schlarbaum Auto Body	Purchased Services	7,136.66
268967	Speck USA	Asphalt	16,161.15
268968	Strand Associates	Contractors	43,760.19
268969	Straub Corporation	Inventory	2,883.75



# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
268970	Subsurface Solutions	Distribution Equipment	5,059.67
268971	TREMCO INC/WTI	Contractors	3,000.00
268972	Torgerson Excavating	Plumbing	40,604.72
268973	Univar	Inventory	8,975.71
268974	Vernon Flinn	Contractors	3,512.58
268975	Waldinger Corporation	Contractors	16,759.00
268976	Weave Filtration	Inventory	3,425.61
268977	Willco, Inc	Materials & Supplies	7,263.00
268978	Master Single Payment Vendor	Refunds	393.48
268979	Master Single Payment Vendor	Refunds	142.48
268980	Master Single Payment Vendor	Refunds	178.94
268981	Master Single Payment Vendor	Refunds	104.08
268982	Master Single Payment Vendor	Refunds	28.42
268983	Master Single Payment Vendor	Refunds	503.17
268984	Master Single Payment Vendor	Refunds	133.03
268985	Master Single Payment Vendor	Refunds	113.29
268986	Master Single Payment Vendor	Refunds	95.15
268987	Master Single Payment Vendor	Refunds	159.18
268988	Master Single Payment Vendor	Refunds	109.20
268989	Master Single Payment Vendor	Refunds	92.48
268990	Master Single Payment Vendor	Refunds	50.95
268991	Master Single Payment Vendor	Refunds	527.13
268992	Master Single Payment Vendor	Refunds	148.10
268993	Master Single Payment Vendor	Refunds	177.39
268994	Master Single Payment Vendor	Refunds	163.13
268995	Master Single Payment Vendor	Refunds	67.73
268996	Master Single Payment Vendor	Refunds	210.36
268997	Master Single Payment Vendor	Refunds	116.03
268998	Master Single Payment Vendor	Refunds	76.65
268999	Master Single Payment Vendor	Refunds	96.16
269000	Master Single Payment Vendor	Refunds	48.76
269001	Master Single Payment Vendor	Refunds	63.66
269002	Master Single Payment Vendor	Refunds	59.49
269003	Master Single Payment Vendor	Refunds	58.30
269004	Master Single Payment Vendor	Refunds	92.26
269005	Master Single Payment Vendor	Refunds	195.04
269006	Master Single Payment Vendor	Refunds	10.50
269007	Master Single Payment Vendor	Refunds	167.55
269008	Master Single Payment Vendor	Refunds	27.92
269009	Master Single Payment Vendor	Refunds	60.45
269010	Master Single Payment Vendor	Refunds	58.29
269011	Master Single Payment Vendor	Refunds	146.27
269012	Master Single Payment Vendor	Refunds	34.69
269013	Master Single Payment Vendor	Refunds	181.36
269014	Master Single Payment Vendor	Refunds	67.51
269015	Master Single Payment Vendor	Refunds	351.75
269016	Master Single Payment Vendor	Refunds	63.05
269017	Master Single Payment Vendor	Refunds	45.37
269018	Master Single Payment Vendor	Billed Services	375.00
269019	Master Single Payment Vendor	Refunds	2,960.30
269020	Acme Tools	Materials & Supplies	765.46
269021	Airgas North Central	Inventory	57.12
269022	Amazon Capital Services Inc	Materials & Supplies	713.81
269023	Aspen Equipment	Vehicle Maintenance Materials	1,270.09
269024	BLUEBEAM	Materials & Supplies	852.50
269025	Badger Meter, Inc	Inventory	63.69
269026	Baker Group	Purchased Services	340.00

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
269027	Bearing Headquarters Company	Materials & Supplies	158.73
269028	Blackburn Manufacturing Company	Inventory	505.98
269029	Bob Brown Chevrolet, Inc.	Vehicle Maintenance Materials	516.33
269030	Canon Financial Services INC	Printing & Copies	1,175.70
269031	Capital Sanitary Supply	Inventory	1,603.56
269032	Central States Group	Inventory	665.40
269033	CenturyLink	Telephone Services	102.72
269034	City of Des Moines	Purchased Services	430.00
269035	Coats Company LLC	Vehicle Maintenance Materials	1,157.85
269036	Commonwealth Electric Company	Contractors	292.97
269037	Construction & Aggregate Products, Inc.	Inventory	87.00
269038	Consumer Energy	Electrical Power	436.43
269039	Copy Systems, Inc.	Printing & Copies	24.96
269040	Core and Main	Inventory	540.29
269041	Corell Contractors	Park Materials	1,432.00
269042	Crescent Electric Supply Company	Materials & Supplies	338.14
269043	DXP	Inventory	122.28
269044	Dentons Davis Brown PC	Legal Fees	607.50
269045	Des Moines Register	Subscriptions	1,065.57
269046	Doors, Inc.	Vehicle Maintenance Materials	50.00
269047	Douglas K. Oscarson	Consultants	1,787.10
269048	Evan Kerr	Safety Boots	106.95
269049	Fil-Trek	Inventory	305.23
269050	Force Fitters	Employee Job Costs	1,094.25
269051	Grainger, Inc.	Inventory	1,839.07
269052	Graybar Electric Company	Inventory	918.80
269053	Heartland Next	Purchased Services	1,250.00
269054	Illinois Mutual & Life Casualty Company	Insurance Withholding	17.81
269055	Indelco Plastics	Inventory	580.96
269056	Interstate All Battery	Inventory	23.99
269057	Iowa Mediation Service	Legal Fees	1,214.42
269058	Iowa Prison Industries	Office Supplies	1,557.85
269059	Iowa Rivers Revival	Materials & Supplies	2,000.00
269060	James Peitzman	Purchased Services	195.28
269061	Jeff Herzberg	Licenses & Certifications	230.00
269062	Jeremy Banks	Safety Boots	157.94
269063	Jessica Barnett	Park Materials	99.21
269064	Jethro's Southside	Food & Beverages	185.35
269065	Jonathan Mouw	Licenses & Certifications	63.04
269066	Justin Moos	Safety Boots	51.51
269067	Keystone Laboratories	Purchased Services	116.50
269068	Kryger Glass	Vehicle Maintenance Materials	315.08
269069	Lawson Products, Inc.	Inventory	62.50
269070	Lightning Pump	Materials & Supplies	832.39
269071	MSC Industrial Supply Company	Inventory	505.29
269072	Mathew Sanford	Mileage	423.39
269073	Matt Hoffman	Licenses & Certifications	63.04
269074	McMaster-Carr Supply Company	Inventory	772.34
269075	Mediacom Business	Internet Connectivity	472.24
269076	Menard's	Tools	755.76
269077	Menard's	Materials & Supplies	414.85
269078	Michelle Holland	Materials & Supplies	63.89
269079	Mickinen Miller	Safety Boots & Safety Clothing	187.71
269080	Midwest Office Technology, Inc.	Printing & Copies	959.49
269081	Midwest Wheel Companies	Vehicle Maintenance Materials	2,250.75
269082	Mike Haines	Safety Boots	214.53
269083	Mike McCurnin	Licenses & Certifications	63.04

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
269084	Mike Woods	Licenses & Certifications	64.58
269085	Nichols Equipment LLC	Contractors	535.50
269086	Nihad Mrkaljevic	Safety Boots	63.59
269087	P & P Small Engines, Inc.	Vehicle Maintenance Materials	69.97
269088	Peterbilt of Des Moines	Vehicle Maintenance Materials	44.98
269089	Plumb Supply Company	Inventory	81.84
269090	Power Seal	Inventory	1,371.22
269091	Premier Safety	Materials & Supplies	2,175.84
269092	Print Image Solutions, Inc.	Inventory	764.75
269093	SCP Science	Materials & Supplies	406.80
269094	SEI Security Equipment, Inc	Office Equipment	1,358.06
269095	Shane Scott	Mileage	1,068.96
269096	Star Equipment, Ltd.	Inventory	1,149.04
269097	Torgerson Excavating	Plumbing	1,470.00
269098	Total Tool	Inventory	521.75
269099	Truck Center Companies	Vehicle Maintenance Materials	713.28
269100	U.S. Autoforce	Vehicle Maintenance Materials	687.52
269101	UPS	Delivery/Freight	37.00
269102	USA Bluebook	Inventory	2,057.11
269103	USA Safety Supply Corp	Inventory	284.03
269104	United States Plastic Corporation	Materials & Supplies	650.63
269105	Van Meter Industrial, Inc.	Materials & Supplies	1,768.07
269106	Van-Wall Group	Vehicle Maintenance Materials	188.76
269107	Verizon ConnectTelo, Inc.	Vehicle Maintenance Materials	2,014.20
269108	Vessco	Inventory	701.91
269109	White Cap	Inventory	276.90
269110	Aclara Technologies, LLC	Inventory	236,143.40
269111	Ahlers, Cooney, PC	Legal Fees	5,824.00
269112	Air Products	Inventory	16,441.96
269113	Applied Industrial Technologies	Inventory	2,731.92
269114	Bonnie's Barricades	Contractors	4,247.40
269115	CTI Ready Mix	Concrete	2,921.00
269116	Calgon Carbon Kuraray	Inventory	29,240.00
269117	Chemtrade Chemicals US LLC	Inventory	17,770.75
269118	Cintas	Purchased Services	2,892.52
269119	Cortrol Process Systems	Inventory	11,141.72
269120	Crane Sales & Service	Purchased Services	10,990.21
269121	Des Moines Steel Company, Inc.	Vehicle Maintenance Materials	2,775.08
269122	Dixie Petro-Chem, Inc.	Inventory	27,429.37
269123	Fisher Scientific	Materials & Supplies	3,645.04
269124	G & L Tank Sandblasting and Coating, LLC	Contracts Payable	45,325.00
269125	HDR Engineering	Contractors	21,491.97
269126	Hach Chemical Company	Materials & Supplies	46,774.43
269127	IMEG Corp	Contractors	36,425.00
269128	Iowa Environmental Council	Materials & Supplies	3,000.00
269129	Iowa One Call	Purchased Services	6,114.20
269130	Kemira Water Solutions, Inc	Inventory	37,843.56
269131	Lamar Companies	Consultants	6,160.00
269132	MW Media Consultants, LLC	Consultants	6,115.72
269133	Mail Services LLC	Postage	8,807.52
269134	Mid American Energy	Utilities - Electric & Natural Gas	36,119.03
269135	Mississippi Lime Company	Inventory	62,367.88
269136	Municipal Supply, Inc.	Inventory	38,758.94
269137	Ottson Oil Company	Inventory	12,414.02
269138	Renewable Energy Group	Inventory	19,642.66
269139	Seneca Companies	Purchased Services	5,803.50
269140	Stanley Consultants	Contractors	4,311.43

# PAYMENTS FOR MAY, 2023

PeopleSoft Financials

Report ID: DWAPR002.sqr

<u>Check No.</u>	<u>Paid to:</u>	<u>Description</u>	<u>Amount</u>
269141	Synagro Central, LLC	Contractors	158,469.55
269142	Tension Envelope Corporation	Inventory	4,359.60
269143	Tero International Inc	Training	24,239.52
269144	The Cincinnati Insurance Company	Casualty Losses	19,655.17
269145	Verizon Wireless Messaging Service	Cell Phones	6,182.77
269146	Whitfield's Lawn & Garden	Contractors	9,856.50
471139	Treasurer State of Iowa	Iowa State Sales Tax Payable	152,816.55
531233	Discovery Benefits	Flex Spending - Reimbursements	546.40
758875	ADP, LLC	Purchased Services	7,472.35
050123	EBS	Employee Health Premiums	304,689.00
051223	Collection Services Center	Garnishment of Wages	2,084.02
051223	Treasurer State of Iowa	State Withholding Taxes Payable	27,881.03
051223	Internal Revenue Service	Withholding Taxes Payable	188,659.21
052623	Collection Services Center	Garnishment of Wages	2,084.02
052623	Treasurer State of Iowa	State Withholding Taxes Payable	27,457.09
052623	Internal Revenue Service	Withholding Taxes Payable	186,467.18
053123	EBS	Employee Health Premiums	54,859.91
<b>TOTAL</b>			<b><u>\$6,220,993.88</u></b>

CEO APPROVED EXPENDITURES GREATER THAN \$20,000  
MONTHLY SCHEDULE FOR THE MONTH OF MAY 2023

Check #	Vendor	Description	Amount	Details
	none			

## AGENDA ITEM FORM

**SUBJECT: Receive and File 2022 Audit Reports**

**SUMMARY:**

Our audit firm, RSM US LLP, has completed their audit of our financial statements for the year ended December 31, 2022. The reports prepared include:

- Des Moines Water Works Financial Report
- Report to the Board of Water Works Trustees
  - Auditor's Communication with Those Charged with Governance
  - Independent Auditor's Report
  - Management Representation
  - Representation Letter (Billing and Collecting Agent for City of Des Moines)
- Collection Agent Report for Sewer Treatment Works for the City of Des Moines
- Collection Agent Report for Solid Waste Collection and Disposal for the City of Des Moines
- Collection Agent Report for Storm Water Utility for the City of Des Moines

Within their Independent Auditors' Report, RSM has issued an unmodified or "clean opinion" on our financial statements, meaning they found no material misstatements within our financial records. Kristen Hughes, Aaron McLaughlin, and Chad McCoy, from RSM, reviewed the reports at the June 6<sup>th</sup> meeting of the Finance Committee.

**FISCAL IMPACT:**



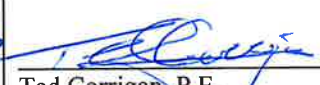
No impact to budget.

**RECOMMENDED ACTION:**

Receive and file 2022 Financial Audit Reports prepared by RSM US LLP, and authorize staff to distribute such reports to the appropriate agencies. This includes the Financial Report, Auditor's Report, and the Collection Agent Reports for the City of Des Moines.

**BOARD REQUIRED ACTION:**

Motion to receive and file 2022 Financial Audit Reports and distribute reports to the appropriate agencies.

 Michelle Holland, CPA Controller	 Amy Kahler, CPA Chief Financial Officer	 Ted Corrigan, P.E. CEO and General Manager
6/27/23 (date)	6/27/23 (date)	6/27/23 (date)

Attachments: Des Moines Water Works Financial Report; Des Moines Water Works Report to the Board of Water Works Trustees; Statements of Cash Receipts and Disbursements for Sewer Service; Statements of Cash Receipts and Disbursements for Storm Water Management; Statements of Cash Receipts and Disbursements for Solid Waste.

## AGENDA ITEM FORM

**SUBJECT: Receive and File 2024-2028 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 2024-2028 Five-Year CIP was reviewed with the Planning Committee at their June 2023 meeting. The plan calls for nearly \$400 million in viable overall spending which is approximately \$38 million more than the previous five-year CIP. Inclusion of portions of the 25 million gallon per day expansion, improvements at Crystal Lake, and a broader collection of filter plant rehabilitation projects account for most of this additional expense.
- This CIP continues to advocate for the key themes and projects present in previous CIP efforts including the treatment plant expansion, aquifer storage and recovery, water quality projects, and other reinvestments in the broad system.
- Staff has developed a funding plan for the five-year CIP consisting of a combination of regional participation (primarily for the 10 MGD expansion of Saylorville Water Treatment Plant and initial planning and design for a subsequent 25 MGD expansion) and funding from others, water rate revenues, and debt. The CIP funding program is shown below:

	<b>TOTAL UTILITY CIP BY FUNDING SOURCE</b>					
	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>5-YEAR</b>
Funded by Rates	\$ 26,000,000	\$ 27,000,000	\$ 28,000,000	\$ 29,000,000	\$ 30,000,000	\$ 140,000,000
Funded by Other Entities (Cash)	45,009	5,818,267	5,587,973	-	-	11,451,249
DMWW Debt	10,481,362	17,902,700	22,499,538	15,201,439	5,829,942	91,321,406
Regional Participation	14,960,523	27,687,502	46,035,435	54,588,731	33,149,850	157,015,617
<b>TOTAL by FUNDING SOURCE</b>	<b>\$ 51,486,894</b>	<b>\$ 78,408,470</b>	<b>\$ 102,122,946</b>	<b>\$ 98,790,170</b>	<b>\$ 68,979,792</b>	<b>\$ 399,788,272</b>

- If Central Iowa Water Works (CIWW) is formed, some funding assumptions would likely change. For example, DMWW would receive an estimated payment of approximately \$50 million in an asset true-up transaction that could be available for capital projects benefiting Des Moines customers. Another change is that DMWW would not be responsible for financing production-related capital improvements; rather, the funding for these improvements would become the responsibility of CIWW and DMWW would pay only a proportionate share of the costs.
- Staff believes the 2024-2028 Five-Year CIP as presented 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 water demands in the region.

**FISCAL IMPACT:**

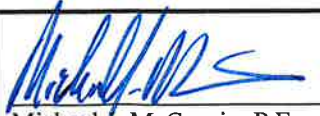
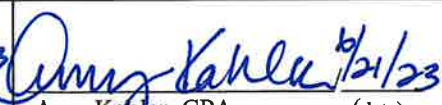

None at this time. Information from this five-year capital improvement plan will be used to develop capital budgets that will be presented to the Board for action in future years.

**RECOMMENDED ACTION:**

Receive and file the 2024-2028 Five-Year Capital Improvement Plan.

**BOARD REQUIRED ACTION:**

Motion to receive and file the 2024-2028 Five-Year Capital Improvement Plan.

 Michael J. McCurnin, P.E. (date) Director of Engineering Services	 Amy Kahler, CPA (date) Chief Financial Officer	 Ted Corrigan, P.E. (date) CEO and General Manager
---	---	---

Attachments: Memo and Attachment

**MEMORANDUM**

DATE: June 6, 2023

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

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

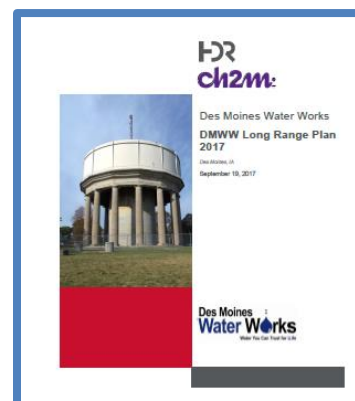
SUBJECT: 2024-2028 Five-Year Capital Improvement Plan

**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 five-year window. The 2024-2028 Five-Year CIP is presented via this memorandum and identifies almost \$400 million in viable overall capital spending. Much like the 2023-2027 Five-Year CIP, this CIP continues to advocate for the same key themes and projects present in previous CIP efforts including treatment plant expansion, aquifer storage and recovery (ASR), water quality projects, water main replacement projects, and other reinvestments in the broad system. It is projected to use water rates to fund \$140 million of the total while using a combination of regional participation, debt, and funding by others for the remaining \$260 million.

The CIP is typically presented to the Board in the first half of each year. Staff begins the process with a comprehensive list of projects (mostly from long-range planning efforts, preliminary engineering reports, or other special studies or investigations). Staff trims this initial list and then positions project costs across the five-year window. The annual budgeting process is closely linked to this effort and follows in the latter half of the year.

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 demand 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 \$625 million 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 and 2022 Efforts Impacting 2024-2028 Five-Year CIP**

DMWW consulted with HDR in the first quarter of 2021 to complete a DMWW Long Range Plan Update and Progress Report. An 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 these projects should not be delayed, and in fact, consideration should be given to expediting or altering the order of the “expansion” projects.

In 2022, an HDR and Black & Veatch consulting team completed a preliminary engineering report for both a 10 million gallon per day (MGD) expansion and a 25 MGD expansion at the Saylorville Water Treatment Plant (SWTP). This extensive effort included necessary interactions and iterations with stakeholders to define critical design parameters for each plant expansion. Additionally, the report included revised and updated opinions of probable cost to be integrated into the CIP for these key projects. Staff and Board, in concert with HDR and Black and Veatch, shared report contents with regional parties in 2022. Regional support was garnered in 2022 to advance with a 10 MGD expansion at SWTP. Design work, via agreement with an HDR and Black & Veatch team, has begun on the 10 MGD expansion in 2023 and this CIP contains both the ongoing design and the necessary construction contracts that will ultimately be needed for the 10 MGD expansion.

### **2024-2028 Five-Year CIP**

The 2024-2028 Five-Year CIP continues to embrace many of the themes presented in the most recent five-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) concerns continue to be left off the plan.
- A number of previously-identified projects (park wetland, ion exchange system expansion, etc.) to counter nitrate concentration issues continue to be left off the plan.
- In place of the DBP and nitrate projects, staff continues to feel 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 regarding 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.

- While a clear focus on the Des Moines River alluvium remains prudent, this plan also inserts \$8 million in enhancements and improvements to Crystal Lake processes at the McMullen Water Treatment Plant (MWTP). This project was not part of the most recent CIP.
- The window of this CIP continues to recommend completing all remaining elements of a 10 MGD expansion of the SWTP. The entire expansion involves source, treatment, and transmission projects totaling near \$159 million.
- In addition to the 10 MGD expansion, this CIP introduces the preliminary engineering, design, and initial construction elements associated with a 25 MGD expansion in the metropolitan area.
- The integration of a DMWW ASR site remains in the CIP to assist with addressing peak-day demands. Regional coordination is occurring as Ankeny, Waukee, West Des Moines, and DMWW are actively pursuing ASR sites. Regional coordination of plant expansion facilities and ASR facilities will be important for the region to collectively provide production volumes to meet peak-day demands in the next several years.
- This CIP continues to recommend aggressive reinvestment in water main replacement. Long-range planning documents from 2017 communicated that DMWW needed to nearly triple its historical reinvestment levels to maintain or slightly improve main break statistics. Escalations beyond that level were 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 water main replacement to move toward the report recommendations. This CIP continues to reaffirm the importance of remaining vigilant with our distribution system reinvestment by calling for approximately \$15 million per year in projects across the five-year window.
- A study completed in 2022 by CDM Smith recommends rehabilitation of the filter plant at the Fleur Drive Water Treatment Plant. Nearly \$14 million has been included in this CIP to address several of the recommendations from that study. Other recommendations in the report will need to be included in future CIP.

A comprehensive listing of all the projects included in the 2024-2028 Five-Year CIP has been included in an attachment to this memorandum.

Managing the design, construction, and commissioning of these projects is clearly a tall order. Success will not be possible without outside assistance and likely the creative use of outside assistance. Acquiring more services for both design and construction efforts is an easily identifiable option, but other creative measures will also be necessary to achieve success within the five-year window.

### **Funding**

DMWW has several funding options for the utility's projected CIP commitments. For purposes of projecting financial viability of the five-year CIP totaling nearly \$400 million, staff has developed a funding plan consisting of a combination of regional participation, water rate revenues, and debt. These funding sources are discussed in more detail below.

### ***Regional Participation***

The 10 MGD expansion of the SWTP, along with its related source, treatment, and transmission projects, is included in the five-year CIP. Additionally, some planning and design costs for the subsequent 25 MGD expansion (location to be determined) are included in the latter years of the five-year window. Total expansion costs in the 2024-2028 CIP are approximately \$176 million. These costs are anticipated to be recovered largely through regional participation. If regionalization discussions are finalized and Central Iowa Water Works (CIWW) is formed, these expansion-related costs would be allocated as outlined in the draft 28E agreement, or 9% allocated to all participants based on each community's proportional capacity in CIWW and 91% allocated based on each community's proportional and incremental growth needs. Under a regional scenario as currently outlined in the draft 28E agreement, DMWW would be responsible for approximately \$19 million of expansion costs over the next five years, and other regional participants would pay the remaining \$157 million. The annual debt service on DMWW's share of the expansion costs, assuming a 20-year SRF loan at a 2% borrowing rate, would be about \$1.2 million.

If CIWW does not come to fruition, staff recommends that purchased capacity be sold for the 10 MGD of additional capacity constructed. In either case, with or without formal regionalization, the funding model for the 2024-2028 CIP assumes expansion costs are primarily borne by regional participants, which helps ensure Des Moines customers are not later saddled with the burdensome costs of a stranded treatment expansion.

Additionally, there is \$11.5 million participation in joint projects, such as the construction or improvement of various booster stations, that will be funded by other communities over the five-year period.

### ***Water Rate Revenues***

The utility's primary source for funding capital improvements is water rate revenues. In the 2024- 2028 CIP, staff has programmed \$26 million in capital expenditures to be recovered through water rates in 2024, and then increased water rate revenue for capital spending by an additional \$1 million each year, ending with \$30 million in 2028. Under these assumptions, water rate revenue accounts for a total of \$140 million over the five-year period. This level of annual capital spending is comparable to budgeted capital costs recovered through rates in recent years, adjusted for typical inflation of 3-4%.

### ***Debt***

The remaining funding lever is debt. Any capital needs remaining after regional participation (i.e., expansion-related projects) and a level of recovery through water rates ranging from \$26 million to \$30 million annually as discussed above, are proposed to be financed through the State Revolving Fund (SRF) loan program. This results in an average of about \$18.3 million of debt issued per year, or a cumulative projected debt load of \$91.3 million by 2028. At this highest level of debt projected, the annual debt service would be approximately \$5.2 million. As DMWW is currently debt-free, this amount of projected debt is within DMWW's debt capacity.

Historically, DMWW has been conservative in issuing debt. For the most part, DMWW has set water rates at a level that enables the utility to fund capital expenditures on a "pay as you go" basis. That works well for smaller projects and single-year projects, but not necessarily for large-scale projects that require a large amount of cash available up front. Assuming favorable

interest rates, which do, in fact, exist with the SRF program, borrowing is the best way to accommodate the necessary cash flow for large-scale projects. While annual debt service must be recovered through water rates, the benefit of debt is that expenditures can be recovered over a longer period of time, lessening the impact on rates in a single year. Additionally, to the extent that borrowed funds are invested in significant infrastructure projects that improve the long-term productivity of the water system, future generations benefit from those improvements; therefore, the use of debt creates intergenerational equity by better matching the cost of improvements to the customers who benefit from the improvements.

Although DMWW has favored water revenue bonds over SRF borrowings in the past, SRF is preferred to water revenue bonds in this five-year period due to the flexibility and potential for refinancing if and when production-related assets transfer to CIWW. Projects eligible for SRF funding include construction of new facilities, improvements or rehabilitations to existing and/or aging water facilities, water storage facilities, and wells. Specific qualifying projects most appropriate for funding through the SRF program will be identified and prioritized for financing during each annual budget process during the five-year CIP period.

A summary of the cumulative effect of debt financing is shown below:

FINANCING		<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Amount Financed By Year	\$	12,127,019	\$ 20,948,326	\$ 27,563,436	\$ 21,206,200	\$ 9,476,426
Cumulative Financed		12,127,019	33,075,345	60,638,781	81,844,980	91,321,406
Principal	\$	-	\$ 335,956	\$ 875,494	\$ 1,711,164	\$ 2,528,455
Interest	\$	422,955	\$ 1,041,931	\$ 1,993,589	\$ 2,519,417	\$ 2,621,890
Total Debt Pmt	\$	422,955	\$ 1,377,887	\$ 2,869,083	\$ 4,230,581	\$ 5,150,345

### ***Impact to Rates***

Finance staff has taken the recommended CIP funding program discussed above and modeled the rate increases necessary to support this level of capital spending. At the recommended spending levels and funding sources outlined, retail water rates would need to increase 9 – 10% each year to support capital spending. Wholesale water rates would see increases ranging from 3- 7%.

The CIP is an important planning and management tool; however, it is important to note the utility adopts spending and revenue projections and sets water rates each year during the annual budget cycle. The CIP and the funding plan as presented here do not commit the utility to the level of capital spending outlined, nor does it commit the utility to the stated level of projected water rate increases. Depending on the outcome of the retail rate affordability study underway and other economic or operational considerations, it may be necessary to adjust and/or prioritize capital spending in the five-year planning period to lessen the impact on retail water rates and operations.

The tables below summarize the capital spending by year and category, along with the projected funding sources:

	CAPITAL DOLLARS					
	2024	2025	2026	2027	2028	5-YEAR
Customer Service - Meters, MTUs	\$ 1,845,485	\$ 2,069,152	\$ 2,040,994	\$ 2,170,222	\$ 2,307,271	\$ 10,433,124
Information Technology	728,000	578,000	628,000	528,000	428,000	\$ 2,890,000
OCOO (Grounds)	125,000	125,000	125,000	-	-	\$ 375,000
Water Distribution	1,576,725	1,562,241	1,609,115	1,657,389	1,706,279	\$ 8,111,749
Water Production						
Vehicle & Equipment Replacement	1,190,000	1,250,000	1,320,000	550,000	580,000	\$ 4,890,000
Normal WP Replacement	1,200,000	1,240,000	1,280,000	1,320,000	1,360,000	\$ 6,400,000
<b>DEPARTMENTS w/o Engineering</b>	<b>\$ 6,665,210</b>	<b>\$ 6,824,393</b>	<b>\$ 7,003,109</b>	<b>\$ 6,225,611</b>	<b>\$ 6,381,550</b>	<b>\$ 33,099,873</b>
Engineering						
Plant/Raw Water Capacity	9,933,121	27,721,546	47,052,213	54,588,731	33,149,850	172,445,461
Transmission Capacity	7,874,920	2,913,137	-	-	-	10,788,057
Water Quality	-	6,195,750	15,187,582	12,205,601	-	33,588,934
Water Main Replacement	15,746,443	15,194,526	15,387,873	15,204,416	16,483,874	78,017,132
Core Network	6,761,534	9,042,041	8,893,783	9,949,186	12,326,311	46,972,856
DMWW Capital	4,505,665	3,505,378	1,341,279	616,625	638,207	10,607,154
Work for Other Entities	-	7,011,698	7,257,108	-	-	14,268,806
<b>TOTAL ENGINEERING</b>	<b>44,821,683</b>	<b>71,584,077</b>	<b>95,119,837</b>	<b>92,564,559</b>	<b>62,598,242</b>	<b>\$ 366,688,399</b>
<b>TOTAL UTILITY CIP</b>	<b>\$ 51,486,894</b>	<b>\$ 78,408,470</b>	<b>\$ 102,122,946</b>	<b>\$ 98,790,170</b>	<b>\$ 68,979,792</b>	<b>\$ 399,788,272</b>

	TOTAL UTILITY CIP BY FUNDING SOURCE					
	2024	2025	2026	2027	2028	5-YEAR
Funded by Rates	\$ 26,000,000	\$ 27,000,000	\$ 28,000,000	\$ 29,000,000	\$ 30,000,000	\$ 140,000,000
Funded by Other Entities (Cash)	45,009	5,818,267	5,587,973	-	-	11,451,249
DMWW Debt	10,481,362	17,902,700	22,499,538	15,201,439	5,829,942	91,321,406
Regional Participation	14,960,523	27,687,502	46,035,435	54,588,731	33,149,850	157,015,617
<b>TOTAL by FUNDING SOURCE</b>	<b>\$ 51,486,894</b>	<b>\$ 78,408,470</b>	<b>\$ 102,122,946</b>	<b>\$ 98,790,170</b>	<b>\$ 68,979,792</b>	<b>\$ 399,788,272</b>

The “DMWW Debt” line item in the chart above includes \$19.4 million for DMWW’s estimated share of the source, treatment, and transmission expansion projects.

### ***Impact of Regionalization***

The financial implications of the CIP as presented is a conservative plan, or “worst case scenario.” The region is in a transitory period between status quo and the potential formation of CIWW, which creates some complexities in preparing a five-year CIP and recommending a funding plan. As a CIWW 28E has not yet been executed, the capital funding program as presented above does not include certain regionalization considerations that may in fact occur, such as an estimated payment of approximately \$50 million DMWW could receive in an asset true-up transaction. If regionalization were to occur, this anticipated \$50 million would be an additional funding stream available for capital projects benefiting Des Moines customers, such as replacing aged water mains.

Another change to funding assumptions under a regional CIWW model is that DMWW would not be responsible for financing production-related capital improvements; rather, the funding for these improvements would become the responsibility of CIWW and DMWW would pay only a proportionate share of the costs in cash or assume a proportionate share of the debt. Rather than being responsible for funding 100% of the costs upfront and recovering costs through the capital component of water rates as the utility does today, DMWW’s upfront financial obligation would be reduced to about 40%, thereby significantly reducing the amount of debt assumed (or cash paid) by DMWW.

**Conclusion**

The 2024-2028 Five-Year CIP as outlined above is a projection of needs and resources to assist the utility in its capital planning efforts. Staff believes the plan, as presented, is an aggressive plan that allows the utility to continue to serve as responsible stewards of the system, provides a high level of service to customers, and enables the utility to meet growing water demands in the region. This plan will be adjusted as necessary through the annual budget process over the five-year period as regionalization outcomes and annual capital and operational needs evolve.

			TOTAL PROJECT COST					
Category	Work Plan	Project	Total 2024	Total 2025	Total 2026	Total 2027	Total 2028	2024 - 2028
Plant/Raw Water Capacity	ASR Wells	ASR Well @ PCPS	2,847,518	2,947,181	1,016,777	-	-	6,811,476
	SWTP	Expansion of Raw Water - 10 MGD Expansion	2,808,497	20,347,561	15,042,661	13,700,856	-	51,899,574
		Plant Expansion - 10 MGD Expansion	4,002,109	4,142,183	24,008,094	31,060,472	9,185,025	72,397,884
		SWTP 25 MGD Conventional Expansion	274,997	284,621	5,891,664	8,130,497	21,037,660	35,619,439
		SWTP Raw Water Supply for 25 MGD Expansion	-	-	1,093,016	1,696,907	2,927,164	5,717,087
Plant/Raw Water Capacity Total			9,933,121	27,721,546	47,052,213	54,588,731	33,149,850	172,445,461
Transmission Capacity	Core Network	SWTP - West Feeder Main Ph 3 Const	7,311,995	-	-	-	-	7,311,995
		Tenny to LP Moon Feeder Connection	562,925	2,913,137	-	-	-	3,476,062
Transmission Capacity Total			7,874,920	2,913,137	-	-	-	10,788,057
Water Quality	FDTP	Bulk PAC System	-	934,442	1,611,913	-	-	2,546,355
		CO2 Feed	-	1,155,336	-	-	-	1,155,336
		DM River Well Field	-	2,021,690	8,369,798	8,662,741	-	19,054,229
		Lime Slurry Feed Bldg Replacment	-	108,194	447,922	-	-	556,116
	MWTP	WHL High Service Pumps Replacement	-	322,439	1,334,896	-	-	1,657,335
		Crystal Lake Improvements	-	169,544	350,957	363,240	-	883,742
		Crystal Lake Pump Station	-	1,484,105	3,072,096	3,179,620	-	7,735,821
		Water Quality Total			-	6,195,750	15,187,582	12,205,601
Water Main Replacement	WMR - Des Moines	Air Valves Upgrade	286,208	296,226	306,594	317,324	328,431	1,534,783
		WMR - Des Moines	9,628,905	9,965,917	10,314,724	10,675,739	11,049,390	51,634,675
	WMR - Pleasant Hill	WMR - Pleasant Hill	1,035,000	1,071,225	1,108,718	1,147,523	1,187,686	5,550,152
	WMR - Polk County	WMR - Polk County	4,145,097	3,861,158	2,960,221	3,063,829	3,171,063	17,201,369
	WMR - Windsor Heights	WMR - Windsor Heights	651,232	-	697,616	-	747,304	2,096,153
Water Main Replacement Total			15,746,443	15,194,526	15,387,873	15,204,416	16,483,874	78,017,132
Core Network	Facility Mgmt	DM River Isolation Valve/Parco System	345,920	-	-	-	-	345,920
		5kv Switch Gear Controls Upgrade	483,024	642,767	665,264	688,548	712,647	3,192,251
	FDTP	FDTP Sanitary Sewer List Stn Replacement	92,220	-	-	-	-	92,220
		Filter Plan Rehabilitation	975,691	2,524,600	2,612,961	2,704,415	5,598,138	14,415,804
		Gallery - Valves (ongoing)	330,793	-	-	-	-	330,793
		Lime Sludge Filter Press	693,067	2,062,308	2,134,489	2,209,196	2,286,518	9,385,577
		SCADA Network Improve	125,187	1,166,114	1,206,928	1,249,171	1,292,892	5,040,292
		Treatment Basin Rechain (ongoing)	662,511	685,699	709,698	734,538	760,247	3,552,692
		VFD High Lift Pumps	1,244,588	-	-	-	-	1,244,588
		WHL Pumps Rebuild (#1 & #3)	348,111	-	-	-	-	348,111
	MWTP	Paint MWTP	-	449,015	-	-	-	449,015
		Rehab Collector Wells	671,155	-	718,958	744,121	770,165	2,904,399
	SWTP	Rehab Collector Wells	-	694,645	-	744,121	-	1,438,766
		RO Membrane Replacement (ongoing)	222,056	229,828	237,872	246,197	254,814	1,190,766
		UF Membrane Replacement	567,214	587,066	607,613	628,880	650,891	3,041,664
	Core Network Total			6,761,534	9,042,041	8,893,783	9,949,186	12,326,311
DMWW Capital	Dev Plan Review	Dev Plan Review	310,500	321,368	332,615	344,257	356,306	1,665,046
	Facility Mgmt	FDT - HVAC	40,560	377,819	-	-	-	418,379
		FDT Levee Gates	222,742	-	-	-	-	222,742
		FDTP - Building Improvements	195,186	-	-	-	-	195,186
		FDTP - Distribution Ramp	707,528	-	-	-	-	707,528
		FDTP Chemical Bldg Elevator	393,042	-	-	-	-	393,042
		FDTP Diesel Generator Closed Loop Cooling	299,009	-	-	-	-	299,009
		FDTP EHL Closed Loop Cooling	164,318	-	-	-	-	164,318

Category	Work Plan	Project	Total 2024	Total 2025	Total 2026	Total 2027	Total 2028	2024 - 2028
DMWW Capital	Facility Mgmt	FDTP Safety Showers & Tempering	-	192,673	-	-	-	192,673
		Fleur Drive Access Gates	-	-	236,367	-	-	236,367
		Grounds Shop	1,004,468	-	-	-	-	1,004,468
		Hazen Foundation	-	1,146,622	-	-	-	1,146,622
		Lab Waterproofing	41,909	-	-	-	-	41,909
		Main Office Building Improvements	-	297,662	-	-	-	297,662
		MWTP Safety Showers & Tempering	185,439	191,930	-	-	-	377,369
		Pump Station HVAC	676,432	-	-	-	-	676,432
		Roof Replace & Repairs	-	-	427,637	-	-	427,637
		Safety Compliance	200,233	207,242	214,495	222,002	229,772	1,073,745
		Security Cameras	-	-	81,501	-	-	81,501
		SEP/Bondurant PS Corrosion System	9,415	87,699	-	-	-	97,114
		SEP/Bondurant PS Hypo& Ammonia Storage	54,884	511,243	-	-	-	566,126
		Standpipe Foundation (2)	-	171,122	-	-	-	171,122
		Trimble GPS Equipment	-	-	48,663	50,366	52,129	151,157
DMWW Capital Total			4,505,665	3,505,378	1,341,279	616,625	638,207	10,607,154
Work for Other Entities	Remote Sites	Bondurant Feeder and Pump Station	-	7,011,698	7,257,108	-	-	14,268,806
Work for Other Entities Total			-	7,011,698	7,257,108	-	-	14,268,806
Grand Total			44,821,683	71,584,077	95,119,837	92,564,559	62,598,242	366,688,399



## AGENDA ITEM FORM

**SUBJECT: Not to Exceed \$10,599,673 Water Revenue Capital Loan Notes**

### SUMMARY:

The 2022 – 2027 Capital Improvement Plan includes capital expenditures for the planning and design of a 10 MGD expansion of the Saylorville Water Treatment Plant (SWTP). The SWTP expansion is required to ensure projected growth in customer demand will continue to be met with a safe, reliable, and high-quality water supply. A Preliminary Engineering Report was prepared in 2022 to identify and evaluate alternatives to increase the raw water supply and treatment capacity to meet the projected growth in demand. The raw water supply facilities will include four to six horizontal collector wells along the Des Moines River and 18-inch and 36-inch diameter raw water transmission mains. The process for the 10 MGD water treatment expansion will be similar to the existing treatment process at SWTP.

Planning and Design (P&D) loans are available from the State Revolving Fund (SRF) at 0% interest for three years for the planning and design of drinking water system improvements. At the end of the three-year period, the planning and design costs are typically rolled into an SRF construction loan, or they can be paid using other funds.

DMWW's P&D application for these expansion and raw water supply projects has been approved by the State Revolving Fund and were approved to be included on the state's Intended Use Plan (IUP) project list on June 20, 2023. In order to execute the Loan and Disbursement Agreement, DMWW must hold a public hearing and pass resolution authorizing the Board of Trustees to execute the Agreement. At the May Board meeting, the Board of Trustees set the date for the public hearing as the June Board meeting. Notice of this public meeting was published, as required by law, in the Des Moines Register on June 14, 2023. The attached resolutions and agreements were prepared by bond counsel, Eric Boehlert of Ahlers & Cooney.

### FISCAL IMPACT:


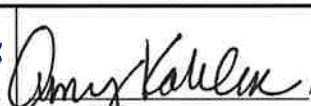

A Planning and Design Loan from the State Revolving Fund not to exceed \$10,599,673 will fund the design of a 10 MGD treatment expansion and raw water supply at the Saylorville Water Treatment Plant at 0% interest for three years. Costs to design and construct the expansion and raw water supply are included in the utility's Capital Improvement Plan and are estimated to be \$150,750,000 in total.

### RECOMMENDED ACTION:

- Public Hearing on the authorization of a Loan and Disbursement Agreement and the issuance of not to exceed \$10,599,673 Water Revenue Capital Loan Notes to evidence the obligation thereunder.
- Adopt "Resolution Instituting Proceedings to Take Additional Action for the Authorization of a Loan and Disbursement Agreement and the Issuance of \$10,599,673 Water Revenue Capital Loan Notes."
- Adopt "Resolution approving and authorizing a form of Interim Loan and Disbursement Agreement, and authorizing and providing for the issuance and securing the payment of \$10,599,673 Water Revenue Capital Loan Notes Anticipation Project Note, Series 2023, under the provisions of the Code of Iowa, and providing for a method of payment of said Notes."

### BOARD REQUIRED ACTION:

- Public Hearing on the authorization of a Loan and Disbursement Agreement and the issuance of Notes to evidence the obligation thereunder - Opened by Chairperson for written or oral objections to the issuance of not to exceed \$10,599,673 Water Revenue Capital Loan Notes
- Chairperson closes hearing
- Motion and roll call vote to adopt "Resolution Instituting Proceedings to Take Additional Action for the Authorization of a Loan and Disbursement Agreement and the Issuance of \$10,599,673 Water Revenue Capital Loan Notes."
- Motion and roll call vote to adopt "Resolution Approving and Authorizing a Form of Interim Loan and Disbursement Agreement, and Authorizing and Providing for the Issuance and Securing the Payment of \$10,599,673 Water Revenue Capital Loan Notes Anticipation Project Note, Series, 2023, Under the Provisions of the Code of Iowa, and Providing for a Method of Payment of Said Note."

 Michael J. McCurnin, P.E. (date) <u>6/27/23</u> Director of Engineering Services	 Amy Kahler, CPA (date) <u>6/27/23</u> Chief Financial Officer	 Ted Corrigan, P.E. (date) <u>6/27/23</u> CEO and General Manager
--	---	--

Attachment: Resolutions; Closing documents: Transcript and Delivery Certificates, Interim Loan and Disbursement Agreement

June 27, 2023

The Board of Water Works Trustees of the City of Des Moines, State of Iowa, met in \_\_\_\_\_ session, in the Des Moines Water Works Board Room, 2201 George Flagg Parkway, Des Moines, Iowa, at \_\_\_\_\_ .M., on the above date. There were present Chairperson \_\_\_\_\_, in the chair, and the following named Board Members:

\_\_\_\_\_

Absent: \_\_\_\_\_

Vacant: \_\_\_\_\_

\* \* \* \* \*

The Chairperson announced that this was the time and place for the public hearing and meeting on the matter of the authorization of a Loan and Disbursement Agreement by and between the City of Des Moines, Iowa, acting through its Board of Water Works Trustees (the "Issuer"), and the Iowa Finance Authority and the issuance to the Iowa Finance Authority of not to exceed \$10,599,673 Water Revenue Capital Loan Notes, to evidence the obligations under the said Loan and Disbursement Agreement, in order to provide funds to pay the acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with designing the Saylorville Water Treatment Plant expansion project, and that notice of the proposed action by the Board to institute proceedings for the authorization of the Loan and Disbursement Agreement and the issuance of the Notes had been published pursuant to the provisions of Sections 384.24A and 384.83 of the Code of Iowa.

The Chairperson then asked the Secretary whether any written objections had been filed by any resident or property owner of the City to the issuance of the Notes. The Secretary advised the Chairperson and the Board that \_\_\_\_\_ written objections had been filed. The Chairperson then called for oral objections to the issuance of the Notes and \_\_\_\_\_ were made. Whereupon, the Chairperson declared the time for receiving oral and written objections to be closed.

(Attach here a summary of objections received or made, if any)

Whereupon, the Chairperson declared the hearing on the authorization of entering into a Loan and Disbursement Agreement and the issuance of the Notes to be closed.

The Board then considered the proposed action and the extent of objections thereto.

Whereupon, Board Member \_\_\_\_\_ introduced and delivered to the Secretary the Resolution hereinafter set out entitled "RESOLUTION INSTITUTING PROCEEDINGS TO TAKE ADDITIONAL ACTION FOR THE AUTHORIZATION OF A LOAN AND DISBURSEMENT AGREEMENT AND THE ISSUANCE OF NOT TO EXCEED \$10,599,673 WATER REVENUE CAPITAL LOAN NOTES", and moved:

- ☐ that the Resolution be adopted.
- ☐ to ADJOURN and defer action on the Resolution and the proposal to institute proceedings for the issuance of notes to the meeting to be held at \_\_\_\_\_ .M. on the \_\_\_\_\_ day of \_\_\_\_\_, 2023, at this place.

Board Member \_\_\_\_\_ seconded the motion. The roll was called and the vote was,

AYES: \_\_\_\_\_

\_\_\_\_\_

NAYS: \_\_\_\_\_

Whereupon, the Chairperson declared the measure duly adopted.

RESOLUTION INSTITUTING PROCEEDINGS TO TAKE  
ADDITIONAL ACTION FOR THE AUTHORIZATION OF A  
LOAN AND DISBURSEMENT AGREEMENT AND THE  
ISSUANCE OF NOT TO EXCEED \$10,599,673 WATER  
REVENUE CAPITAL LOAN NOTES

WHEREAS, pursuant to notice published as required by law, the Board has held a public meeting and hearing upon the proposal to institute proceedings for the authorization of a Loan and Disbursement Agreement by and between the Issuer and the Iowa Finance Authority and the issuance to the Iowa Finance Authority of not to exceed \$10,599,673 Water Revenue Capital Loan Notes, to evidence the obligations under the said Loan and Disbursement Agreement, in order to provide funds to pay the costs of acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with designing the Saylorville Water Treatment Plant expansion project, and has considered the extent of objections received from residents or property owners as to the proposed issuance of Notes; and accordingly the following action is now considered to be in the best interests of the City and residents thereof.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, STATE OF IOWA:

Section 1. That this Board does hereby institute proceedings and take additional action for the authorization of a Loan and Disbursement Agreement by and between the Issuer and the Iowa Finance Authority and the issuance to the Iowa Finance Authority in the manner required by law of not to exceed \$10,599,673 Water Revenue Capital Loan Notes, for the foregoing purposes.

Section 2. That this Board does hereby consent to the terms and conditions of the DWSRF Loan Program, which terms and conditions and the disclosures provided with respect thereto are hereby acknowledged, accepted and approved.

Section 3. This Resolution shall serve as a declaration of official intent under Treasury Regulation 1.150-2 and shall be maintained on file as a public record of such intent. It is reasonably expected that the water fund moneys may be advanced from time to time for capital expenditures which are to be paid from the proceeds of the above Notes. The amounts so advanced shall be reimbursed from the proceeds of the Notes not later than eighteen months after the initial payment of the capital expenditures or eighteen months after the property is placed in service. Such advancements shall not exceed the amount authorized in this Resolution unless the same are for preliminary expenditures or unless another declaration of intention is adopted.

Section 4. That the Secretary, with the assistance of bond counsel, is hereby authorized and directed to proceed with the preparation of such documents and proceedings as shall be necessary to authorize the Issuer participation in the DWSRF Loan Program, to select a suitable date for final Board authorization of the required Loan and Disbursement Agreement and issuance of the Note to evidence the Issuer's obligations thereunder, and to take such other actions as the Board shall deem necessary to permit the completion of a loan on a basis favorable to the Issuer and acceptable to this Board.

PASSED AND APPROVED this 27<sup>th</sup> day of June, 2023.

---

Chairperson of the Board of Water Works  
Trustees

ATTEST:

---

Secretary of the Board of Water Works Trustees

# CERTIFICATE

STATE OF IOWA

)

) SS

COUNTY OF POLK

)

I, the undersigned Secretary of the Board of Water Works Trustees of the City of Des Moines, State of Iowa, do hereby certify that attached is a true and complete copy of the portion of the records of the Utility showing proceedings of the Board, and the same is a true and complete copy of the action taken by the Board with respect to the matter at the meeting held on the date indicated in the attachment, which proceedings remain in full force and effect, and have not been amended or rescinded in any way; that meeting and all action thereat was duly and publicly held in accordance with a notice of meeting and tentative agenda, a copy of which was timely served on each member of the Board and posted on a bulletin board or other prominent place easily accessible to the public and clearly designated for that purpose at the principal office of the Board pursuant to the local rules of the Board and the provisions of Chapter 21, Code of Iowa, upon reasonable advance notice to the public and media at least twenty-four hours prior to the commencement of the meeting as required by law and with members of the public present in attendance; I further certify that the individuals named therein were on the date thereof duly and lawfully possessed of their respective City offices as indicated therein, that no Board vacancy existed except as may be stated in the proceedings, and that no controversy or litigation is pending, prayed or threatened involving the incorporation, organization, existence or boundaries of the Utility or the right of the individuals named therein as officers to their respective positions.

WITNESS my hand of the Board hereto affixed this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

Secretary of the Board of Water Works  
Trustees, City of Des Moines, State of Iowa

June 27, 2023

The Board of Water Works Trustees of the City of Des Moines, State of Iowa, met in \_\_\_\_\_ session, in the Des Moines Water Works Board Room, 2201 George Flagg Parkway, Des Moines, Iowa, at \_\_\_\_\_ .M., on the above date. There were present Chairperson \_\_\_\_\_, in the chair, and the following named Board Members:

\_\_\_\_\_

Absent: \_\_\_\_\_

Vacant: \_\_\_\_\_

\* \* \* \* \*

Board Member \_\_\_\_\_ introduced the following Resolution entitled "A RESOLUTION APPROVING AND AUTHORIZING A FORM OF INTERIM LOAN AND DISBURSEMENT AGREEMENT, AND AUTHORIZING AND PROVIDING FOR THE ISSUANCE AND SECURING THE PAYMENT OF \$10,599,673 WATER REVENUE CAPITAL LOAN NOTES ANTICIPATION PROJECT NOTE, SERIES 2023, UNDER THE PROVISIONS OF THE CODE OF IOWA, AND PROVIDING FOR A METHOD OF PAYMENT OF SAID NOTE", and moved its adoption. Board Member \_\_\_\_\_ seconded the motion to adopt. The roll was called and the vote was:

AYES: \_\_\_\_\_

\_\_\_\_\_

NAYS: \_\_\_\_\_

Whereupon the Chairperson declared the following Resolution duly adopted:



Resolution No. \_\_\_\_\_

A RESOLUTION APPROVING AND AUTHORIZING A FORM  
OF INTERIM LOAN AND DISBURSEMENT AGREEMENT,  
AND AUTHORIZING AND PROVIDING FOR THE ISSUANCE  
AND SECURING THE PAYMENT OF \$10,599,673 WATER  
REVENUE CAPITAL LOAN NOTES ANTICIPATION  
PROJECT NOTE, SERIES 2023, UNDER THE PROVISIONS  
OF THE CODE OF IOWA, AND PROVIDING FOR A  
METHOD OF PAYMENT OF SAID NOTE

WHEREAS, the City of Des Moines, acting through its Board of Water Works Trustees, (hereafter the "Issuer"), proposes to issue its Water Revenue Capital Loan Notes Anticipation Project Note, Series 2023, to the extent of \$10,599,673, for the purpose of defraying the costs of the Project hereinafter described; and, it is deemed necessary and advisable and in the best interests of the Issuer that a form of Interim Loan and Disbursement Agreement by and between the Issuer and the Iowa Finance Authority be approved and authorized; and

WHEREAS, the notice of intention of Issuer to take action for the issuance of \$10,599,673 Water Revenue Capital Loan Notes has heretofore been duly published and no objections to such proposed action have been filed.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF WATER WORKS TRUSTEES OF THE CITY OF DES MOINES, IN THE COUNTY OF POLK, STATE OF IOWA:

Section 1. Definitions. The following terms shall have the following meanings in this Resolution unless the text expressly or by necessary implication requires otherwise:

◆ "Additional Project Notes" shall mean any project notes or other obligations issued on a parity with the Note in accordance with the provisions of Section 11 hereof;

◆ "Agreement" shall mean an Interim Loan and Disbursement Agreement dated as of the Closing between and among the Issuer and the Original Purchaser, relating to the Interim Loan made to the Issuer under the Program;

◆ "Closing" shall mean the date of delivery of the Note to the Original Purchaser and the funding of the Interim Loan;

◆ "Fiscal Year" shall mean the twelve months' period beginning on January 1 of each year and ending on the last day of June of the following year, or any other consecutive twelve-month period adopted by the Governing Body or by law as the official accounting period of the System; provided, that the requirements of a fiscal year as expressed in this Resolution shall exclude any payment of principal or interest falling

due on the first day of the fiscal year and include any payment of principal or interest falling due on the first day of the succeeding fiscal year;

♦ "Governing Body" and "Board" shall mean the Board of Water Works Trustees of the City of Des Moines, or its successor in function with respect to the operation and control of the System;

♦ "Interim Loan" shall mean the principal amount allocated by the Original Purchaser and loaned to the Issuer under the Program, equal in amount to the principal amount of the Note;

♦ "Issuer" shall mean the City of Des Moines, Iowa, acting through its Board of Water Works Trustees;

♦ "Note" shall mean \$10,599,673 Water Revenue Capital Loan Notes Anticipation Project Note, Series 2023, authorized to be issued by this Resolution;

♦ "Original Purchaser" shall mean the Iowa Finance Authority, as the purchaser of the Note from Issuer at the time of its original issuance;

♦ "Paying Agent" shall be the Secretary, or such successor as may be approved by Issuer as provided herein and who shall carry out the duties prescribed herein as Issuer's agent to provide for the payment of principal of and interest on the Notes as the same shall become due;

♦ "Permitted Investments" shall mean any investments permitted in Iowa Code chapter 12B or section 12C.9. All interim investments must mature before the date on which the moneys are required for payment of principal and interest on the Notes or project costs;

♦ "Program" shall mean the Iowa Drinking Water Facilities Financing Program undertaken by the Original Purchaser;

♦ "Project" shall mean the costs of acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with designing the Saylorville Water Treatment Plant expansion project;

♦ "Project Costs" shall mean all engineering fees, archeological surveys, environmental studies, and fees related to a project plan preparation and submission, and other expenses incidental thereto, and also including the costs of issuance of the Note;

♦ "Project Fund" shall mean the Project Fund established by Section 6 of this Resolution;

♦ "Registrar" shall be the Secretary, or such successor as may be approved by Issuer as provided herein and who shall carry out the duties prescribed herein with respect to maintaining a register of the owners of the Note. Unless otherwise specified, the Registrar shall also act as Transfer Agent for the Note;

♦ "Secretary" shall mean the Secretary of the Board of Water Works Trustees of Des Moines, Iowa or such other officer of the successor Governing Body as shall be charged with substantially the same duties and responsibilities;

♦ "System" shall mean the municipal water utility of the Issuer and all properties of every nature hereinafter owned by the Issuer comprising part of or used as a part of the System, including all water treatment facilities, storage facilities, pumping stations and all related property and improvements and extensions made by Issuer while the Note remains outstanding; all real and personal property; and all appurtenances, contracts, leases, franchises and other intangibles.

Section 2. Authority. The Agreement and the Note authorized by this Resolution shall be issued pursuant to Section 76.13 of the Code of Iowa, and in compliance with all applicable provisions of the Constitution and laws of the State of Iowa. The Agreement shall be substantially in the form attached to this Resolution and is authorized to be executed and issued on behalf of the Issuer by the Chairperson and attested by the Secretary.

### Section 3. Note Details, Execution, Redemption and Registration.

- a. Note Details. The Note shall be designated a Water Revenue Capital Loan Notes Anticipation Project Note, be dated the date of delivery, and shall at the request of the Original Purchaser be initially issued as a single Note in the denomination of \$10,599,673 and numbered R-1. The Note shall not bear interest (0%), and shall mature three years from issuance. The Board hereby finds and determines that it is necessary and advisable to issue said Note pursuant to Section 76.13 of the Code of Iowa, as authorized by the Agreement and this Resolution.
- b. Execution. The Note shall be executed by the manual or facsimile signature of the Chairperson and attested by the manual or facsimile signature of the Secretary, and impressed or imprinted with the seal of the Issuer and shall be fully registered as to both principal and interest as provided in this Resolution; principal, interest and premium, if any, shall be payable at the office of the Paying Agent by mailing of a check, wire transfer or automated clearing house system transfer to the registered owner of the Note.
- c. Redemption. The Note may be called for redemption by the Issuer and paid before maturity on any date, from any funds regardless of source, in whole or from time to time in part, in order of maturity and within an annual maturity by lot.

Notice of redemption shall be given by U.S. mail to the Original Purchaser (or any other registered owner of the Note). The terms of redemption shall be par, plus accrued interest to date of call. Failure to give such notice by mail to any registered owner or any defect therein shall not affect the validity of any proceedings for the redemption of the Note. The Note is also subject to mandatory redemption to the extent not fully drawn upon.

- d. Registration. The Note may be registered as to principal and interest on the books of the Registrar in the name of the holder and such registration noted on the Note after which no transfer shall be valid until the making of an entry upon the books kept for the registration and transfer of ownership of the Note, and in no other way. The Secretary is hereby appointed as Registrar under the terms of this Resolution. Registrar shall maintain the books of the Issuer for the registration of ownership of the Note for the payment of principal of and interest on the Note as provided in this Resolution. The Note shall be negotiable as provided in Article 8 of the Uniform Commercial Code subject to the provisions for registration and transfer contained in the Note and in this Resolution.

The ownership of any Note may be transferred only upon the Registration Books kept for the registration and transfer of the Note and only upon surrender thereof at the office of the Registrar together with an assignment duly executed by the holder or his duly authorized attorney in fact in such form as shall be satisfactory to the Registrar, along with the address and social security number or federal employer identification number of such transferee (or, if registration is to be made in the name of multiple individuals, of all such transferees). In the event that the address of the registered owner of a Note (other than a registered owner which is the nominee of the broker or dealer in question) is that of a broker or dealer, there must be disclosed on the Registration Books the information pertaining to the registered owner required above. Upon the transfer of any such Note, a new fully registered Note, of any denomination or denominations permitted by this Resolution in aggregate principal amount equal to the unmatured and unredeemed principal amount of such transferred fully registered Note, and bearing interest at the same rate and maturing on the same date or dates shall be delivered by the Registrar.

In all cases of the transfer of the Note, the Registrar shall register, at the earliest practicable time, on the Registration Books, the Note, in accordance with the provisions of this Resolution.

As to any Note, the person in whose name the ownership of the same shall be registered on the Registration Books of the Registrar shall be deemed and regarded as the absolute owner thereof for all purposes, and payment of or on account of the principal of any such Note and the premium, if any, and interest thereon shall be made only to or upon the order of the registered owner thereof or his legal representative. All such payments shall be valid and effectual to satisfy

and discharge the liability upon such Note, including the interest thereon, to the extent of the sum or sums so paid.

A Note which has been redeemed shall not be reissued but shall be cancelled by the Registrar. A Note which is cancelled by the Registrar shall be destroyed and a Certificate of the destruction thereof shall be furnished promptly to the Issuer; provided that if the Issuer shall so direct, the Registrar shall forward the cancelled Note to the Issuer.

In the event any payment check representing payment of principal of or interest on the Note is returned to the Paying Agent or if any note is not presented for payment of principal at the maturity or redemption date, if funds sufficient to pay such principal of or interest on Note shall have been made available to the Paying Agent for the benefit of the owner thereof, all liability of the Issuer to the owner thereof for such interest or payment of such Note shall forthwith cease, terminate and be completely discharged, and thereupon it shall be the duty of the Paying Agent to hold such funds, without liability for interest thereon, for the benefit of the owner of such Note who shall thereafter be restricted exclusively to such funds for any claim of whatever nature on his part under this Resolution or on, or with respect to, such interest or Note. The Paying Agent's obligation to hold such funds shall continue for a period equal to two years and six months following the date on which such interest or principal became due, whether at maturity, or at the date fixed for redemption thereof, or otherwise, at which time the Paying Agent shall surrender any remaining funds so held to the Issuer, whereupon any claim under this Resolution by the Owners of such interest or Notes of whatever nature shall be made upon the Issuer.

Section 4. Form of Note. The form of Note shall be substantially as follows:

REGISTERED  
No. R-1

REGISTERED  
\$10,599,673

UNITED STATES OF AMERICA  
STATE OF IOWA  
COUNTY OF POLK  
CITY OF DES MOINES, IOWA  
WATER REVENUE CAPITAL LOAN NOTES  
ANTICIPATION PROJECT NOTE  
SERIES 2023

<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Dated Date</u>
0.00%	July 14, 2026	July 14, 2023

The City of Des Moines, Iowa, acting through its Board of Water Works Trustees, a municipal corporation organized and existing under and by virtue of the Constitution and laws of the State of Iowa (the "Issuer"), for value received, promises to pay from the source and as hereinafter provided, to

**IOWA FINANCE AUTHORITY**

or registered assigns, the principal sum of TEN MILLION FIVE HUNDRED NINETY-NINE THOUSAND SIX HUNDRED SEVENTY-THREE DOLLARS in lawful money of the United States of America, at maturity on July 14, 2026, without interest (0%). Payment of this Note shall at all times conform to the rules of the Iowa Drinking Water Facilities Financing Program. Issuer pledges the Project Fund to which there has been appropriated the anticipated receipts of certain funds held or to be received by the Issuer as well as the proceeds of certain Capital Loan Notes to be issued.

This Note is payable solely from said Project Fund.

This Note is issued pursuant to an Interim Loan and Disbursement Agreement and the Resolution, duly adopted and under and in substantial compliance with the Constitution and statutes of the state of Iowa, including specifically Section 76.13 of the Code of Iowa, as amended, for the purpose of defraying part of the cost of acquiring the Project. For a complete statement of the revenues and funds from which, and the conditions, under which this Note is payable, a statement of conditions under which additional notes of equal standing may hereafter be issued, and the general covenants and provisions pursuant to which this Note is issued, reference is made to the above described Resolution and Interim Loan and Disbursement Agreement. This Note is not payable in any manner by taxation and under no circumstances shall the Issuer be in any manner liable by reason of the failure of said Project Fund to be sufficient for the payment hereof.

The Note may be called for redemption by the Issuer and paid before maturity on any date, from any funds regardless of source, in whole or from time to time in part, in order of maturity and within an annual maturity by lot.

Notice of redemption shall be given by ordinary mail to the Original Purchaser (or any other registered owner of the Note). The terms of redemption shall be par, plus accrued interest to date of call. Failure to give such notice by mail to any registered owner or any defect therein shall not affect the validity of any proceedings for the redemption of the Note. The Note is also subject to mandatory redemption to the extent not fully drawn upon.

If selection by lot within a maturity is required, the Registrar shall designate the Notes to be redeemed by random selection of the names of the registered owners of the entire annual maturity until the total amount of Notes to be called has been reached.

The Note may be registered as to principal and interest on the books of the Secretary in the name of the holder after which no transfer shall be valid until the making of an entry upon the books kept for the registration and transfer of ownership of the Note, and in no other way. Registrar shall maintain the books of the Issuer for the registration of ownership of the Note for the payment of principal of and interest on the Note as provided in the Resolution.

Ownership of this Note may be transferred only by transfer upon the books kept for such purpose by the Secretary, the Registrar. Such transfer on the books shall occur only upon presentation and surrender of this Note at the office of the Registrar, together with an assignment duly executed by the owner hereof or his duly authorized attorney in the form as shall be satisfactory to the Registrar. Issuer reserves the right to substitute the Registrar and Paying Agent but shall, however, promptly give notice to registered Noteholders of such change. All Notes shall be negotiable as provided in Article 8 of the Uniform Commercial Code and subject to the provisions for registration and transfer contained in the Resolution.

And it is hereby represented and certified that all acts, conditions and things requisite, according to the laws and Constitution of the State of Iowa, to exist, to be had, to be done, or to be performed precedent to the lawful issue of this Note, have been existent, had, done and performed as required by law.

IN TESTIMONY WHEREOF, said Issuer by its Board of Water Works Trustees has caused this Note to be signed by the manual or facsimile signature of its Chairperson of the Board of Water Works Trustees and attested by the manual or facsimile signature of its Secretary of the Board of Water Works Trustees, with the seal of said City impressed or imprinted hereon, and authenticated by the manual signature of an authorized representative of the Registrar, the Secretary of the Board of Water Works Trustee of Des Moines, Iowa, all as of the 14<sup>th</sup> day of July, 2023.

Date of authentication: July 14, 2023

BOARD OF WATER WORKS TRUSTEES OF DES  
MOINES, STATE OF IOWA

This is one of the Notes described in the within  
mentioned Resolution, as registered by the  
Secretary

By: \_\_\_\_\_  
Chairperson

SECRETARY

ATTEST:

By: \_\_\_\_\_  
Registrar

By: \_\_\_\_\_  
Secretary

(SEAL)

Registrar and Transfer Agent: Secretary

Paying Agent: Secretary

#### ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto  
\_\_\_\_\_ (Social Security or Tax Identification No. \_\_\_\_\_) the  
within Note and does hereby irrevocably constitute and appoint \_\_\_\_\_  
attorney in fact to transfer the said Note on the books kept for registration of the within Note,  
with full power of substitution in the premises.

Dated: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Person(s) executing this Assignment sign(s) here)

SIGNATURE )  
GUARANTEED ) \_\_\_\_\_

#### IMPORTANT - READ CAREFULLY

The signature(s) to this Power must correspond with the name(s) as written upon the face  
of the Certificate(s) or Note(s) in every particular without alteration or enlargement or  
any change whatever. Signature guarantee must be provided in accordance with the  
prevailing standards and procedures of the Registrar and Transfer Agent. Such standards  
and procedures may require signature to be guaranteed by certain eligible guarantor  
institutions that participate in a recognized signature guarantee program.



## INFORMATION REQUIRED FOR REGISTRATION OF TRANSFER

Name of Transferee(s) \_\_\_\_\_  
Address of Transferee(s) \_\_\_\_\_  
Social Security or Tax Identification \_\_\_\_\_  
Number of Transferee(s) \_\_\_\_\_  
Transferee is a(n):  
Individual\* \_\_\_\_\_ Corporation \_\_\_\_\_  
Partnership \_\_\_\_\_ Trust \_\_\_\_\_

\*If the Note is to be registered in the names of multiple individual owners, the names of all such owners and one address and social security number must be provided.

The following abbreviations, when used in the inscription on the face of this Note, shall be construed as though written out in full according to applicable laws or regulations:

TEN COM - as tenants in common

TEN ENT - as tenants by the entireties

JT TEN - as joint tenants with rights of survivorship and not as tenants in common

IA UNIF TRANS MIN ACT - ..... Custodian .....

(Cust) (Minor)

Under Iowa Uniform Transfers to Minors Act.....

(State)

(End of Note)

Section 5. Security for Note. The Note shall be payable solely from the Project Fund. To pay the principal on the Note when it becomes due, there is hereby created a pledge of the receipts anticipated in said Project Fund to continue until the payment in full of the principal on the Note.

Section 6. Establishment of Project Fund. The Issuer hereby creates and establishes a Project Fund, into which Project Fund are hereby appropriated the following:

Proceeds of not to exceed \$10,599,673 Water Revenue Capital  
Loan Notes, additional action on the issuance of which previously  
has been taken and approved by the Board of Water Works  
Trustees on June 27, 2023

The funds so appropriated shall include in addition thereto all funds of the Issuer, including proceeds realized on the reinvestment of proceeds of the Note, from which the Issuer is or may become obligated to pay under contracts for the construction of the Project to the extent that proceeds of the Note are applied to the payment thereof.

Section 7. Application of Project Fund. The proceeds of the sale of the Note shall be deposited in the Project Fund for application to payment of Project Costs and the costs of issuance of the Note or to pay the principal of the Note when due and for no other purpose.

Disbursements for the payment of Project Costs shall be made by the Secretary upon receipt of vouchers approved by the Governing Body.

After completion of the Project, any moneys remaining in the Project Fund shall be held for the retirement of Note. When the Note is paid or payment is provided for, remaining moneys in the Project Fund may be withdrawn and used for any lawful purpose.

Section 8. Investments. Moneys in the Project Fund shall at all times be invested, to the extent practicable in Permitted Investments maturing at such times and in such amounts as will make cash available for the purposes of such Project Fund as needed.

Section 9. Covenants with Noteholders. Issuer covenants and agrees, so long as any Notes herein authorized remain unpaid, that it:

- a. Will proceed to complete with all practicable dispatch the construction and acquisition of the Project;
- b. Will not make or cause or permit to be made any application of the proceeds of the Note or of any moneys held in the Project Fund, except in accordance with the provisions of this Resolution;
- c. Will from time to time increase the amount of the appropriations to the Project Fund, to the extent necessary to assure that the expected receipts thereafter forthcoming, together with the funds appropriated and held in trust for the purpose, will be sufficient to pay when due the Note as to both principal and interest.
- d. Will obtain the collection of funds and the proceeds of the sale of water revenue capital loan notes anticipated to be received in the Project Fund and, if not paid from other sources, apply the same to the payment of the Note and interest thereon; and
- e. For the prompt and full performance of the terms and provisions of this Resolution and contract with the noteholders, the Issuer pledges its full faith and diligence and the exercise of its lawful powers.

Section 10. Contract Between Issuer and Purchaser. This Resolution constitutes a contract between the Issuer and the purchaser of the Note.

Section 11. Additional Notes. The Issuer may issue Additional Project Notes of equal standing and parity of lien with the Note for the purpose of paying Project Costs to the extent that funds appropriated to the Project Fund are adequate to pay all notes so issued and interest thereon.

The holder or holders of the Notes shall have all other rights and remedies given by law for the payment and enforcement of the Notes and the security therefor.

Section 12. Severability Clause. If any section, paragraph, clause or provision of this Resolution be held invalid, such invalidity shall not affect any of the remaining provisions hereof, and this Resolution shall become effective immediately upon its passage and approval.

Section 13. Repeal of Conflicting Resolutions or Ordinances. All ordinances and resolutions and parts of ordinances and resolutions in conflict herewith are hereby repealed.

Section 14. Paragraph Headings. The paragraph headings in this Resolution are furnished for convenience of reference only and shall not be considered to be a part of this Resolution.

Section 15. Rule of Construction. This Resolution and the terms and conditions of the Notes authorized hereby shall be construed whenever possible so as not to conflict with the terms and conditions of the Interim Loan and Disbursement Agreement. In the event such construction is not possible, or in the event of any conflict or inconsistency between the terms hereof and those of the Interim Loan and Disbursement Agreement, the terms of the Interim Loan and Disbursement Agreement shall prevail and be given effect to the extent necessary to resolve any such conflict or inconsistency.

PASSED AND APPROVED this 27<sup>th</sup> day of June, 2023.

---

Chairperson of the Board of Water Works  
Trustees

ATTEST:

---

Secretary of the Board of Water Works Trustees

# CERTIFICATE

STATE OF IOWA

)

) SS

COUNTY OF POLK

)

I, the undersigned Secretary of the Board of Water Works Trustees of the City of Des Moines, State of Iowa, do hereby certify that attached is a true and complete copy of the portion of the records of the Utility showing proceedings of the Board, and the same is a true and complete copy of the action taken by the Board with respect to the matter at the meeting held on the date indicated in the attachment, which proceedings remain in full force and effect, and have not been amended or rescinded in any way; that meeting and all action thereat was duly and publicly held in accordance with a notice of meeting and tentative agenda, a copy of which was timely served on each member of the Board and posted on a bulletin board or other prominent place easily accessible to the public and clearly designated for that purpose at the principal office of the Board pursuant to the local rules of the Board and the provisions of Chapter 21, Code of Iowa, upon reasonable advance notice to the public and media at least twenty-four hours prior to the commencement of the meeting as required by law and with members of the public present in attendance; I further certify that the individuals named therein were on the date thereof duly and lawfully possessed of their respective City offices as indicated therein, that no Board vacancy existed except as may be stated in the proceedings, and that no controversy or litigation is pending, prayed or threatened involving the incorporation, organization, existence or boundaries of the Utility or the right of the individuals named therein as officers to their respective positions.

WITNESS my hand of the Board hereto affixed this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

Secretary of the Board of Water Works  
Trustees, City of Des Moines, State of Iowa

## INTERIM LOAN AND DISBURSEMENT AGREEMENT

This Interim Loan and Disbursement Agreement (the "Agreement") is entered into as of July 14, 2023, by and between the City of Des Moines, Iowa, acting through its Board of Water Works Trustees (the "Issuer"), and the Iowa Finance Authority, as lender (the "Lender"). The parties agree as follows:

1. The Lender shall loan to the Issuer an interim amount \$10,599,673, without interest.
2. The Issuer has adopted a resolution (the "Resolution") authorizing and approving this Agreement pursuant to the provisions of Section 76.13 of the Code of Iowa, as amended, and providing for the issuance and securing the payment of this Agreement, and the Resolution is incorporated herein by reference, and the parties agree to abide by the terms and provisions of the Resolution. This Agreement and the interest thereon, if any, together with any additional obligations as may be hereafter issued and outstanding from time to time under the conditions set forth in the Resolution, shall be payable from (i) proceeds of an authorized loan agreement corresponding to the anticipated issuance of capital loan notes previously authorized by action of the Board of Water Works Trustees or (ii) such other funds as may be lawfully available for such purpose and appropriated by the Issuer.
3. The loan proceeds (the "Loan Proceeds") shall be used for the purposes set forth in the Resolution and shall be made available to the Issuer in the form of one or more periodic disbursements as provided for in this section. Prior to disbursement the Issuer shall provide to the Lender a payment request on a form provided by the Lender and evidence that the costs for which the disbursement is requested have been incurred. Disbursements to the Issuer will be made on or about the second and fourth Tuesday of each month. Submission of the completed information required by this section shall be made by the Issuer not less than eight (8) days prior to the disbursement date. Funds shall be disbursed to the Issuer at the address specified in the disbursement request in the form of a check, wire transfer or automated clearinghouse system transfer, as requested by the Issuer.
4. This Agreement shall be executed and delivered to the Lender in evidence of the Issuer's obligation to repay the amounts payable hereunder. Amounts disbursed hereunder shall not bear interest (0%), and shall be payable as to principal in full on the date and in the total aggregate amount drawn by the Issuer as set forth in the Resolution. This Agreement shall be subject to prepayment prior to maturity and shall contain such other terms and provisions as provided in the Resolution.
5. The Issuer understands and agrees this Agreement may be terminated at the option of the Lender if the Issuer has not entered into a Loan and Disbursement Agreement with the Lender pursuant to the Iowa Drinking Water Facilities Financing Program within three years of the date of this Agreement. If the Issuer enters into a Loan and Disbursement Agreement with the Lender pursuant to the Iowa Drinking Water Facilities Financing Program within three years of the date of this Agreement, the Lender shall permit the Issuer to repay this Agreement in full pursuant to the terms of the Loan and Disbursement Agreement executed between the Issuer and the Lender under the Iowa Drinking Water Facilities Financing Program.

6. This Agreement is executed pursuant to the provisions of Section 76.13 of the Code of Iowa and shall be read and construed as conforming to all provisions and requirements of the statutes. The Issuer and the Lender agree this Agreement and all documents related thereto and referenced herein may be entered into and provided for pursuant to and in accordance with Chapter 554D of the Code of Iowa.

7. This Agreement may be amended, supplemented or modified as agreed to in writing by both the Issuer and the Lender.

In the event of any inconsistency or conflict between the terms and conditions of the Resolution and this Agreement, the parties acknowledge and agree that the terms of this Agreement shall take precedence over any such terms of the Resolution.

IN WITNESS WHEREOF, we have hereunto affixed our signatures all as of the date first above written.

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

---

Chairperson

ATTEST:

---

Secretary

IN WITNESS WHEREOF, I have hereunto affixed my signature all as of the date first above written.

IOWA FINANCE AUTHORITY

By: \_\_\_\_\_

02217254-1\16548-016

### TRANSCRIPT CERTIFICATE

I, the undersigned, being first duly sworn, do hereby depose and certify that I am the duly appointed, qualified and acting Secretary of the Board of Water Works Trustees of the City of Des Moines, Iowa, and that as such Secretary I have in my possession or have access to the complete corporate records of the Board Water Works of Trustees and of its officials, and that I have carefully compared the transcript hereto attached with the aforesaid corporate records and that said transcript hereto attached is a true and complete copy of all the corporate records in relation to the authorization, issuance and disposition of a \$10,599,673 Water Revenue Capital Loan Notes Anticipation Project Note, Series 2023, dated July 14, 2023, and that said transcript hereto attached contains a true and complete statement of all the measures adopted and proceedings, acts and things had, done and performed up to the present time, in relation to the authorization, issuance and disposition of said Note, and that the Board of Water Works Trustees consists of five (5) Trustees, and that said offices were duly and lawfully filled by the individuals listed in the attached transcript as of the dates and times referred to therein.

I further certify that all meetings of the Board of Trustees at which action was taken in connection with said Note were open to the public at all times in accordance with a notice of meeting and tentative agenda, a copy of which was timely served on each member of the Board and was duly given at least twenty-four hours prior to the commencement of the meeting by notification of the communications media having requested such notice and posted on a bulletin board or other prominent place designated for the purpose and easily accessible to the public at the principal office of the Board, all pursuant to the provisions and in accordance with the conditions of the local rules of the Board and Chapter 21, Code of Iowa.

I further certify that no Issuer officer or employee has any interest in the contract for the sale of the Note or any matter incidental thereto, according to my best knowledge and belief.

WITNESS my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2023, at Des Moines, Iowa.

---

Secretary of the Board of Water Works  
Trustees, City of Des Moines, State of Iowa



Finally, the below stated officers whose signatures appear hereafter are now the duly qualified and acting officials of the Issuer, possessed of the offices as designated below, to-wit:

Chairperson

Andrea Boulton

\_\_\_\_\_  
(Original Signature)

Secretary

Ted Corrigan

\_\_\_\_\_  
(Original Signature)

Board Treasurer

Amy Kahler

\_\_\_\_\_  
(Original Signature)

STATE OF IOWA

)

) SS

COUNTY OF POLK

)

Subscribed and sworn to before me by Andrea Boulton, Ted Corrigan and Amy Kahler  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public in and for Polk County, Iowa

(NOTARY SEAL)

02217266-1\16548-016

DELIVERY CERTIFICATE

We, the undersigned Chairperson, Secretary of the Board of Water Works Trustees, and Board Treasurer, do hereby certify that we are the officers, respectively below indicated, of a municipal corporation in the State of Iowa, known as the City of Des Moines, Iowa; that in pursuance of the provisions of Section 76.13, Code of Iowa, there have been heretofore lawfully authorized and this day by us lawfully executed, issued, caused to be registered and authenticated and delivered one fully registered Water Revenue Capital Loan Notes Anticipation Project Note, Series 2023, of the City of Des Moines, Iowa, in the amount of \$10,599,673, dated July 14, 2023, bearing no interest, and maturing three years from the date of issuance.

The Note has been executed with the manual signature of the Chairperson and the manual signature of the Secretary.

The Note has been delivered to:

Iowa Finance Authority of Des Moines, Iowa,

and has been paid for in accordance with the terms of the contract of sale and at a price of par.

We further certify that no controversy or litigation is pending, prayed or threatened involving the incorporation, organization, existence or boundaries of the City, or the titles of the undersigned officers to their respective positions, or the validity of the Note, or the power of the Issuer to provide and apply adequate funds, including proceeds of Notes heretofore authorized for the purpose and appropriated to the Project Fund from which the Note is made payable, for the full and prompt payment of the principal and interest of the aforesaid Note, and that no measure or provision for the authorization or issuance either of said Note or any source of moneys appropriated or pledged to the project construction fund from which the Note are made payable has been repealed or rescinded.

We further certify that each of the officers whose signatures appear on the Note were in occupancy and possession of their respective offices at the time the Note was executed and do hereby adopt and affirm their signatures appearing in the Note.

We further certify that the present financial condition of the Issuer is as follows:

Total Water Revenue bonded indebtedness,  
including above-mentioned Project Note \$ \_\_\_\_\_

All other indebtedness of any kind, payable  
from Water Revenues \$ \_\_\_\_\_

IN WITNESS WHEREOF, we have hereunto affixed our hands at Des Moines, Iowa, this  
14<sup>th</sup> day of July, 2023.

---

Chairperson

---

Secretary

---

Board Treasurer



DES MOINES WATER WORKS  
Board of Water Works Trustees

Agenda Item No. III-D  
Meeting Date: June 27, 2023  
Chairperson's Signature ☐ Yes ☒ No

## AGENDA ITEM FORM

**SUBJECT:** Des Moines Water Works' Rules and Regulations Update – System Development Fees

**SUMMARY:**

Each year Des Moines Water Works' Rules and Regulations document, including the Schedule of Charges, is updated to clarify existing requirements, establish new requirements, and revise fees to cover Des Moines Water Works' cost for providing various services.

As part of the Saylorville Water Treatment Plant expansion discussion, it was realized that some of our System Development Fees (SDFs) are not covering the cost of treatment plant expansions. When the SDFs were originally developed many years ago, they were intended to cover the cost of expanding the distribution system only.

Staff recommend striking the 8-inch and 12-inch metered connection fees for all communities listed in the Schedule of Charges. These fees will be calculated on a case-by-case basis until all SDFs are addressed in a future update.

Staff intends to review all SDFs later this year and factor estimated treatment plant expansion costs into new proposed fees.

**FISCAL IMPACT:**

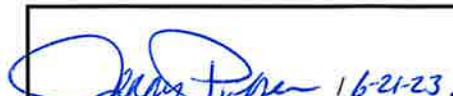
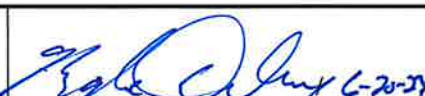

Adjusted fees will cover Des Moines Water Works' costs for services provided.

**RECOMMENDED ACTION:**

Approve the proposed revision to system development fees in the Rules and Regulations with an implementation date of July 1, 2023, and direct publication of the changes as required by statute.

**BOARD REQUIRED ACTION:**

Motion to approve the proposed revision to system development fees in the Rules and Regulations with an implementation date of July 1, 2023, and direct publication of the changes as required by statute.

 Jennifer Puffer, P.E. (date) <u>6-21-23</u> Director of Water Distribution	 Kyle A. Danley, P.E. (date) <u>6-20-23</u> Chief Operating Officer	 Ted Corrigan, P.E. (date) <u>6/23/23</u> CEO and General Manager
--	---	--

Attachments: Proposed Rules and Regulations document showing red-lined changes

## 511.6 SYSTEM DEVELOPMENT FEES

Table 511.6 System Development Fee Structure (effective ~~January~~ July 1, 2023)

System development fees are required for all new water services in the City of Des Moines, Pleasant Hill, Cumming, Alleman, and other areas as defined below. System development fees are charged to aid in covering the costs associated with production, distribution, pumping, and storage facilities that have been or will be constructed to support new and additional demands on the water system that arise with new customers and connections. System Development Fees will be based on the tap size and are as follows:

### Des Moines

	1 inch	2 inch	3inch*	4 inch	6 inch	8 inch	12 inch
Metered							
Connections:	\$550	\$1,375	\$4,350	\$12,500	\$32,900	<del>\$68,600</del> **	<del>\$109,600</del> **
Fire Service							
Connections:	\$180	\$460	n/a	\$ 4,225	\$10,900	\$22,900	\$ 36,500

### Pleasant Hill

	1 inch	2 inch	3 inch*	4 inch	6 inch	8 inch	12 inch
Metered							
Connections:	\$1,625	\$1,625	\$4,350	\$12,500	\$32,800	<del>\$68,600</del> **	<del>\$109,600</del> **
Fire Service							
Connections:	\$550	\$550	n/a	\$4,225	\$10,900	\$22,900	\$36,500

### Cumming

	1 inch	2 inch	3 inch*	4 inch	6 inch	8 inch	12 inch
Metered							
Connections:	\$1,025	\$1,900	\$1,900	\$9,000	\$27,700	<del>\$60,500</del> **	n/a
Fire Service							
Connections:	\$1,200	\$1,500	n/a	\$3,900	\$10,100	\$21,100	n/a

### Alleman

	1 inch	2 inch	3 inch*	4 inch	6 inch	8 inch	12 inch
Metered							
Connections:	\$2,725	\$4,425	\$4,425	\$12,500	\$32,800	<del>\$68,600</del> **	n/a
Fire Service							
Connections:	\$900	\$1,475	n/a	\$4,225	\$10,900	\$22,900	n/a

**All Other Service Areas (Outside City DM, Berwick, PCRWD #1, Runnells, Unincorporated Polk County, Unincorporated Warren County, etc.)**

	1 inch	2 inch	3 inch*	4 inch	6 inch	8 inch	12 inch
Metered Connections:	\$2,050	\$4,625	\$4,625	\$12,500	\$32,800	<del>\$68,600</del> **	n/a
Fire Service Connections:	\$680	\$1,575	n/a	\$4,225	\$10,900	\$22,900	n/a

511.6.1 \*DMWW does not make 3” taps but 3” domestic connections can be teed off of the fire service for the building or property.

511.6.2 \*\*Metered Connections 8 inches and larger will be calculated on a case-by-case basis.

511.6.3 System Development Fees for projects with both fire and domestic services, or any combination of multiple services, will be the total of all of the System Development Fees added together.

511.6.34 System Development Fees for projects with metered combination fire and domestic services (master metered) shall be considered domestic services with fees being charged accordingly.

511.6.45 System Development Fees for subdivisions will be based upon the number and size of service stubs to be installed within the subdivision. All service stubs within subdivision will be considered domestic stubs unless sufficient evidence is provided to indicate otherwise.

511.6.56 If DMWW has record that a tap previously existed at a property, System Development Fees will not be required for replacement taps of equal size. Existing taps that are less than one inch in diameter and are being replaced with new one-inch taps will not require System Development Fees. Any replacement tap that is to be a larger size than the original tap, other than upsizing to a one-inch diameter tap, will require a fee that will be the difference between the fee for the new tap size and the fee for the original tap size.

**AGENDA ITEM FORM**

**SUBJECT: Acceptance of 2022 Water Main Replacement**

**SUMMARY:**

- At its May 2022 Board meeting, the Board of Water Works Trustees awarded a contract to J&K Contracting, LLC, in the amount of \$989,145.00 for the 2022 Water Main Replacement project.
- Work on Water Street called for the installation of approximately 929 feet of 8-inch Polyvinyl Chloride (PVC) water main to replace existing water main that had a history of multiple water main breaks. Work along NE 2<sup>nd</sup> Street called for the installation of approximately 350 feet of 12-inch Ductile Iron water main to address conflicts under the Iowa Department of Transportation (IDOT) I-35/80/235 Interchange northeast of Des Moines (Stage 3A) project.
- All work associated with this contract has been satisfactorily completed.
- This project included two change orders for an increase in the contract price of \$412,340.22. Of this, \$395,975.00 was associated with modification of the scope of work due to changes by the IDOT to the I-35/80/235 Interchange. Changes to the Interchange necessitated DMWW relocating a larger segment of water main to a location other than originally planned, adding 700 linear feet of pipeline of which 420 linear feet were cased and bored under I-80. A second change order in the amount of \$16,365.22 was executed to account for quantity adjustments related to the work on Water Street.
- The final price for the 2022 Water Main Replacement Contract, after adjustments for quantities and change orders, is \$1,298,351.22.

**FISCAL IMPACT:**




Funds for work on Water Street will come from the 2022 Des Moines Water Main Replacement Budget. Funds for work along Northeast 22<sup>nd</sup> Street will come from the 2022 Polk County Water Main Replacement Budget.

**RECOMMENDED ACTION:**

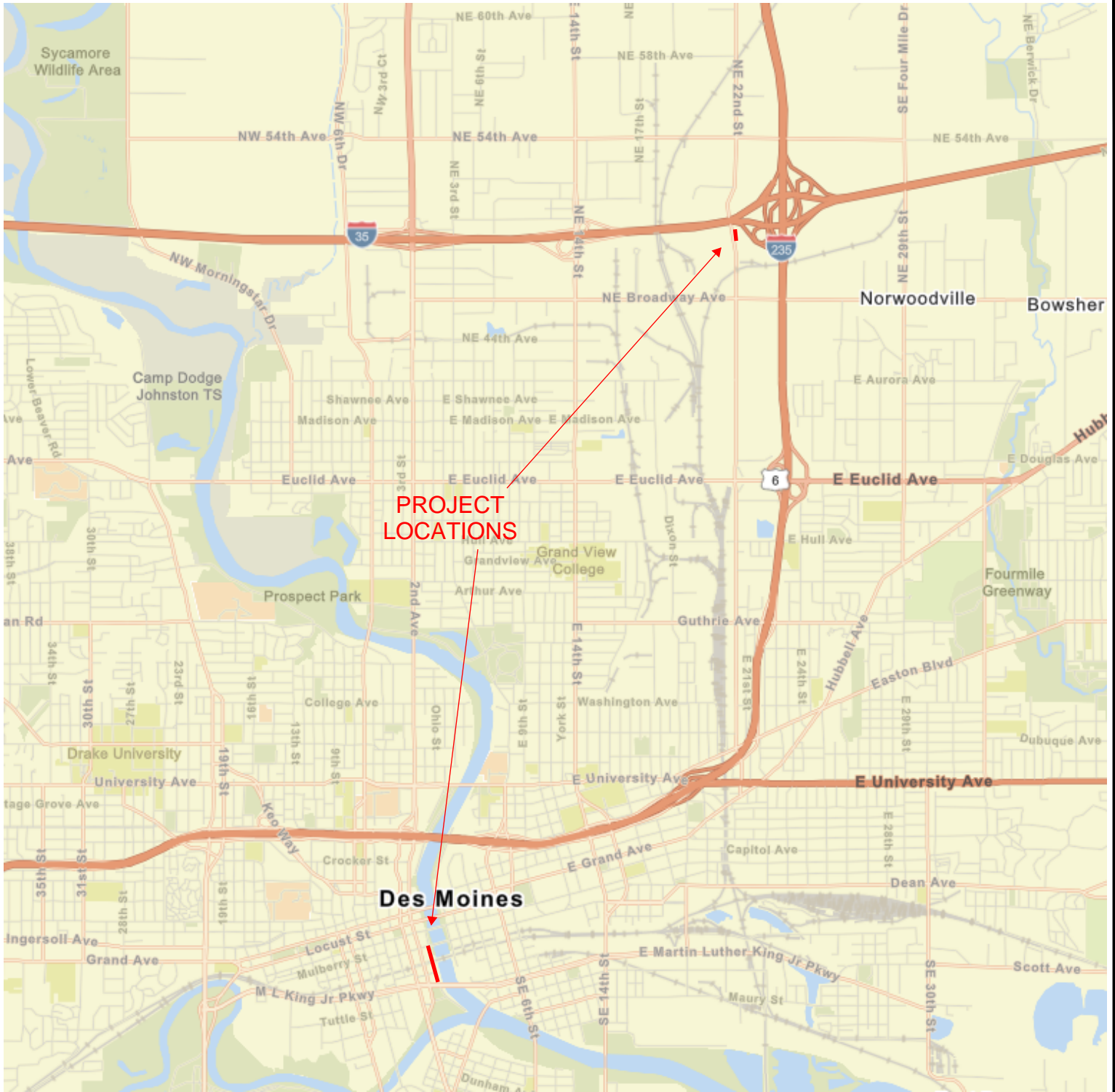
Accept the 2022 Des Moines Water Main Replacement Contract, completed by J&K Contracting, LLC, in the amount of \$1,298,351.22.

**BOARD REQUIRED ACTION:**

Motion to accept the 2022 Des Moines Water Main Replacement Contract, completed by J&K Contracting, LLC, in the amount of \$1,298,351.22.

 Jonathan Mouw, P.E. Engineering Supervisor	6/27/23 (date)	 Michael J. McCurnin, P.E. Director of Engineering Services	6/21/23 (date)	 Ted Corrigan, P.E. CEO and General Manager	6/23/23 (date)
--	-------------------	--	-------------------	--	-------------------

Attachments: site map



NOT TO SCALE



**AGENDA ITEM FORM**

**SUBJECT:** Acceptance of NW 26<sup>th</sup> Street Booster Station

**SUMMARY:**

- At its January 2018 meeting the Board approved a 28E Agreement between the City of Polk City and Des Moines Water Works for construction of a new 20-inch water main and new booster station. These facilities were deemed necessary to provide for future water demands in Polk City and parts of unincorporated Polk County.
- To address the booster station elements of the 28E Agreement, the Board of Water Works Trustees awarded a contract to Henkel Construction Company in June of 2020 in the amount of \$1,533,000 for the NW 26<sup>th</sup> Street Booster Station project.
- All work associated with this Contract has been satisfactorily completed.
- Staff issued ten (10) change orders for this project at a total cost of \$69,618.46:
  - Two (2) change orders, at no cost, extended completion time for supply chain purposes.
  - Six (6) change orders totaling \$62,815.67 involved process improvements and additional communication and control equipment.
  - Two (2) change orders totaling \$6,802.79 covered the cost of building modifications necessary to accommodate process elements.
- The final contract price for the NW 26<sup>th</sup> Street Booster Station project is \$1,602,618.46.

**FISCAL IMPACT:**

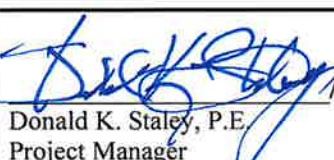
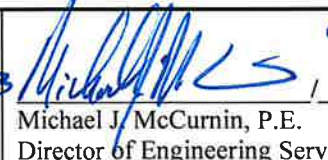
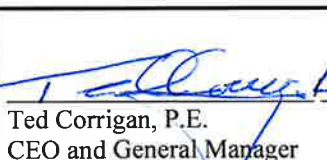
Funds for the NW 26<sup>th</sup> Street Booster Station project will come from the Joint NW Storage, Pump Station and Feeder Mains budget. Under the 28E Agreement, Polk City will reimburse Des Moines Water Works for 56% of the costs of this Project.

**RECOMMENDED ACTION:**

Accept the NW 26<sup>th</sup> Street Booster Station project, completed by Henkel Construction Company, in the amount of \$1,602,618.46.

**BOARD REQUIRED ACTION:**

Motion to accept the NW 26<sup>th</sup> Street Booster Station project, completed by Henkel Construction Company, in the amount of \$1,602,618.46.

 Donald K. Staley, P.E. Project Manager (date) <u>6/24/23</u>	 Michael J. McCurnin, P.E. Director of Engineering Services (date) <u>6/24/23</u>	 Ted Corrigan, P.E. CEO and General Manager (date) <u>6/27/23</u>
---	---	---

Attachment: site map

SAYLORVILLE  
LAKE

ANKENY

PROJECT  
LOCATION

415

160

NW 70 AVE

NW 66 AVE

415

69

JOHNSTON

35 80

28

6

69



NOT TO SCALE

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

NW 26TH STREET  
BOOSTER STATION

## **AGENDA ITEM FORM**

**SUBJECT: Request Authorization to Solicit Bids for Des Moines Water Works Grounds Maintenance Facility and Establish the Date of the Public Hearing as the Date of the August 2023 Board Meeting**

**SUMMARY:**

- The Grounds Maintenance Facility project is construction of a new building and surrounding site to support operations of Des Moines Water Works Grounds Maintenance staff.
- The Grounds Maintenance Facility has been designed by an architectural consultant that was selected through a Request For Proposal (RFP) process.
- When complete, the Grounds Maintenance Facility will be located at 2500 George Flagg Parkway; out of its current flood prone site. It will provide a three-bay garage to house equipment, locker room and break room facilities for Grounds staff, and supervisory offices. The site behind the building will be utilized to store equipment, soil and planting materials, and road maintenance products. The third bay is to be bid as an alternate with an estimated value of \$214,090.
- In addition to Grounds operations support, this facility will feature a bulk water vending system to serve customers purchasing large volumes of water for construction or irrigation needs. Currently these sales require the customers to enter the Fleur Drive Treatment Plant. This feature is to be bid as an alternate item with an estimated value of \$45,240.
- Upgrading the roofing membrane to a heavier system has an estimated cost of \$7,600.
- Paving the back lot behind the building has an estimated cost of \$226,500.
- Detailed plans and specifications for the Grounds Maintenance Facility are in the final review stages. Construction cost estimates from the architectural consultant are as follows:

Element of Work	Architect's Estimate
Grounds Maintenance Facility Base Project	\$3,790,670
Third Bay Alternate	\$214,090
Bulk Water Vendor	\$45,240
Upgrade Roofing Membrane	\$7,600
Paving Lot Behind Building	\$226,500
Grounds Maintenance Facility including Alternates	\$4,284,100

**FISCAL IMPACT:**

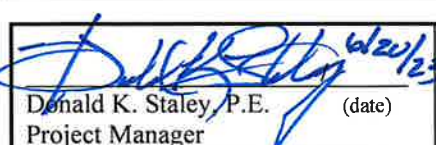
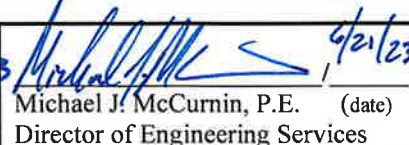
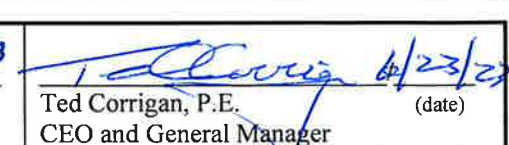
Funds for this project will come from the 2023 Facility Management Budget.

**RECOMMENDED ACTION:**

Authorize staff to solicit bids for Des Moines Water Works Grounds Maintenance Facility and Establish the Date of the Public Hearing as the Date of the August 2023 Board Meeting.

**BOARD REQUIRED ACTION:**

Motion to authorize staff to solicit bids for Des Moines Water Works Grounds Maintenance Facility and Establish the Date of the Public Hearing as the Date of the August 2023 Board Meeting, and direct staff to publish notice as provided by law.

 Donald K. Staley, P.E. (date) 6/20/23 Project Manager	 Michael J. McCurnin, P.E. (date) 6/21/23 Director of Engineering Services	 Ted Corrigan, P.E. (date) 6/23/23 CEO and General Manager
---	--	---

**AGENDA ITEM FORM**

**SUBJECT: Request Authorization for CEO and General Manager to Execute Professional Services Agreement with HNTB Corporation for 2023 Des Moines Water Main Replacement - Contract 2**

**SUMMARY:**

- Staff developed a Request for Qualifications (RFQ) to solicit proposals for 2023-2028 master service consultant agreements for multiple disciplines in February 2023. Proposals were received March 9, 2023.
- Seventeen (17) consultants responded in the water distribution engineering category. Those responding were AECOM, Barr Engineering, Bolton & Menk, CDM Smith, Civil Design Advantage, HDR Engineering, HNTB, HR Green, IMEG, I&S Group, McClure Engineering, Short Eliot Hendrickson (SEH), Shive Hattery, Snyder & Associates, Stanley Consultants, Strand, and Veenstra & Kimm (V&K).
- Staff reviewed the proposals based upon project team, firm experience, staff resources and approach, and fees. Staff recommended 5-year Master Services Agreements for water distribution engineering be executed with HNTB and Snyder & Associates at the April 25<sup>th</sup> board meeting, which have since been completed.
- The 2023 Des Moines Water Main Replacement - Contract 2 is comprised of the following six water main replacement segments throughout northeast Des Moines. Budgetary estimate for 2024 construction is \$2,000,000.
  - E 27th St from Easton Blvd to 2016 E 27th St
  - Richland Dr from Guthrie Ave to Arthur Ave
  - E 38th Ct from Easton Blvd to E Sheridan Ave
  - E 34th St from Thompson Ave to Arthur Ave
  - E 21st St from E University Ave to Easton Blvd
  - Guthrie Ave from Glenbrook Dr to 1801 Guthrie Ave
- Staff recommends a Professional Services Agreement be executed with HNTB for the 2023 Des Moines Water Main Replacement - Contract 2 subject to the terms and conditions in their 2023-2028 indefinite scope master agreement.
- HNTB has successfully completed multiple water main designs in Kansas City and West Des Moines.
- The anticipated design fee stated in HNTB's proposal is \$203,270.

**FISCAL IMPACT:**




Funds for this project will come from the 2023 Des Moines Water Main Replacement Budget.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute a Professional Services Agreement with HNTB Corporation in the amount of \$203,270 for 2023 Des Moines Water Main Replacement - Contract 2 design services.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute a Professional Services Agreement with HNTB Corporation in the amount of \$203,270 for 2023 Des Moines Water Main Replacement – Contract 2 design services.

 Mike Zach, P.E. Project Manager (date) <u>6/21/23</u>	 Michael J. McCurnin, P.E. Director of Engineering Services (date) <u>6/21/23</u>	 Ted Corrigan, P.E. CEO and General Manager (date) <u>6/23/23</u>
--	---	---

Attachments: None

**AGENDA ITEM FORM**

**SUBJECT: Request Authorization for CEO and General Manager to Execute Professional Services Agreement with Snyder & Associates, Inc., for 2023 Des Moines Water Main Replacement - Contract 4**

**SUMMARY:**

- Staff developed a Request for Qualifications (RFQ) to solicit proposals for 2023-2028 master service consultant agreements for multiple disciplines in February 2023. Proposals were received March 9, 2023.
- Seventeen (17) consultants responded in the water distribution engineering category. Those responding were AECOM, Barr Engineering, Bolton & Menk, CDM Smith, Civil Design Advantage, HDR Engineering, HNTB, HR Green, IMEG, I&S Group, McClure Engineering, Short Eliot Hendrickson (SEH), Shive Hattery, Snyder & Associates, Stanley Consultants, Strand, and Veenstra & Kimm (V&K).
- Staff reviewed the proposals based upon project team, firm experience, staff resources and approach, and fees. Staff recommended 5-year Master Services Agreements for water distribution engineering be executed with HNTB and Snyder & Associates at the April 25<sup>th</sup> board meeting, which have since been completed.
- The 2023 Des Moines Water Main Replacement - Contract 4 is comprised of the following five water main replacement segments throughout southeast Des Moines. Budgetary estimate for 2024 construction is \$1,200,000.
  - **E Pleasant View Dr** from SE 5<sup>th</sup> St to SE 7<sup>th</sup> St
  - **SE 7<sup>th</sup> St** from E Virginia Ave (North) to E Pleasant View Dr
  - **E Virginia Ave** from SE 7<sup>th</sup> St to SE 8<sup>th</sup> St
  - **SE 6<sup>th</sup> St** from E Pleasant View Dr to E Park Ave
  - **E Pleasant View Dr** from SE 14<sup>th</sup> St to 1549 E Pleasant View Dr
- Staff recommends a Professional Services Agreement be executed with Snyder & Associates for the 2023 Des Moines Water Main Replacement - Contract 4 subject to the terms and conditions in their 2023-2028 indefinite scope master agreement.
- Snyder & Associates has successfully completed multiple water main designs in Iowa.
- The anticipated design fee stated in Snyder & Associates' proposal is \$125,800.

**FISCAL IMPACT:**



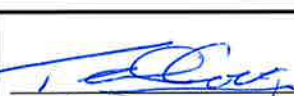
Funds for this project will come from the 2023 Des Moines Water Main Replacement Budget.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute a Professional Services Agreement with Snyder & Associates, Inc., in the amount of \$125,800 for 2023 Des Moines Water Main Replacement - Contract 4 design services.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute a Professional Services Agreement with Snyder & Associates, Inc., in the amount of \$125,800 for 2023 Des Moines Water Main Replacement - Contract 4 design services.

 Shad Haidsiak Staff Engineer	 Michael J. McCurnin, P.E. Director of Engineering Services	 Ted Corrigan, P.E. CEO and General Manager
6/21/23 (date)	6/24/23 (date)	6/23/23 (date)

Attachments: None



## AGENDA ITEM FORM

**SUBJECT: Request Authorization for CEO and General Manager to Execute Professional Services Agreement with CDM Smith, Inc., for Filtration Pilot Study**

**SUMMARY:**

- At its November 2021 meeting, the Board of Water Works Trustees authorized the CEO and General Manager to execute a Professional Services Agreement with CDM Smith, Inc., for the 2022 Filter Rehabilitation Study.
- The purpose of this study was to identify and evaluate several filtration alternatives to address water quality and filtration capacity issues in the existing filtration plant at the Fleur Drive Water Treatment Plant.
- CDM Smith, Inc., prepared a Filtration Alternatives Technical Memorandum which developed conceptual designs for four alternatives that were reviewed and critiqued by staff from Des Moines Water Works (DMWW).
- The two alternatives selected by staff for further study and design both involve a reconfigured underdrain system and filter media profile. The two alternatives proposed for additional study are generally described as follows:
  - Folded plate stainless steel underdrain system with integral air scour capabilities. The filter media profile consists of 12 inches of sand overlain with 18 inches of anthracite.
  - Monolithic concrete plenum-style underdrain with media-retaining nozzles for integral air scour capabilities. This filter media profile also consists of 12 inches of sand overlain with 18 inches of anthracite.
- A pilot study is needed to contrast the feasibility, validity, practicality, and cost of the two alternatives described above. The data collected from this filtration pilot study will also:
  - Be used for developing more detailed designs for each of the two alternatives.
  - Provide the required justification to the Iowa Department of Natural Resources (IDNR) for the proposed filter media changes that DMWW will likely want to implement.
- The fee proposed by CDM, Smith, Inc., to conduct the filtration pilot study is \$333,900. This cost includes:
  - Providing the pilot plant equipment and assisting DMWW staff with set up and installation of the equipment.
  - Preparing the protocol for operation of the pilot plant and assisting with its operation.
  - Coordinating the operation protocol with IDNR and soliciting IDNR's comments and recommendations regarding the results of the pilot study, the proposed filter media profile, and filter loading rates.
  - Authoring a report summarizing the performance of the pilot filters and present recommendations.
- Staff recommends a Professional Services Agreement be executed with CDM Smith, Inc., for conducting a filtration pilot study for the existing filtration plant at the Fleur Drive Water Treatment Plant contingent upon negotiation of terms and conditions acceptable to staff and subsequent review by legal counsel.

**FISCAL IMPACT:**



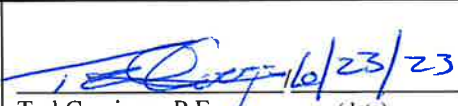
Funds for this project will come from the Fleur Drive Treatment Plant, Filter Plant Rehabilitation Budget.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute a Professional Services Agreement with CDM Smith, Inc., in the amount of \$333,900 for a Filtration Pilot Study contingent upon negotiation of terms and conditions acceptable to staff and subsequent review by legal counsel.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute a Professional Services Agreement with CDM Smith, Inc., in the amount of \$333,900 for a Filtration Pilot Study contingent upon negotiation of terms and conditions acceptable to staff and subsequent review by legal counsel.

 Vern Rash, P.E., L.S. (date) Project Manager	 Michael J. McCurnin, P.E. (date) Engineering Services Manager	 Ted Corrigan, P.E. (date) CEO and General Manager
--	--	---

Attachments: None



DES MOINES WATER WORKS  
Board of Water Works Trustees

Agenda Item No. III-K  
Meeting Date: June 27, 2023  
Chairperson's Signature Yes ☐ No ☒

### AGENDA ITEM FORM

**SUBJECT: Request Authorization for CEO and General Manager to Execute Professional Services Agreement with KFI Engineers for 5 kV Switchgear Controls – Phase 1**

**SUMMARY:**

- Staff developed a Request for Proposals (RFP) to solicit proposals for a 5 kV switchgear and controls study in October 2022. Three proposals were received on October 25, 2022.
- Staff reviewed the proposals based upon project team, firm experience, staff resources and approach, and fees. Staff recommended a Professional Services Agreement be executed with KFI Engineers and it was completed in November 2022.
- The final study was completed and recommended around \$6.5 million in improvements. Des Moines Water Works has discussed and would like to proceed with about half of the recommended improvements in the next five years, over multiple phases. The total cost of the medium and higher priority recommendations is \$3,445,000.
- The first phase that we have identified includes the higher priorities and includes replacing protective relays, replacing the existing generator controls system, upgrading the generator fuel oil day tank controls, and installing a new battery system. The budgetary estimate for this construction is \$1,055,000.
- The anticipated design fee stated in KFI Engineers' proposal is \$119,000, so it seems reasonable for the scope of work and was in line with what was estimated in the study.
- Staff recommends a Professional Services Agreement be executed with KFI Engineers for the 5 kV Switchgear Controls – Phase 1 project.

**FISCAL IMPACT:**




Funds for this project will come from the FDTP 5 kV Switchgear Controls budget.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute a Professional Services Agreement with KFI in the amount of \$119,000 for the 5 kV Switchgear Controls – Phase 1 design services.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute a Professional Services Agreement with KFI Engineers in the amount of \$119,000 for the 5 kV Switchgear Controls – Phase 1 design services.

 Lindsey Wanderscheid, P.E. (date) Engineering Supervisor	 Michael J. McCurnin, P.E. (date) Director of Engineering Services	 Ted Corrigan, P.E. (date) CEO and General Manager
--	--	---

Attachments: None

**AGENDA ITEM FORM**

**SUBJECT:** Request Permission to Establish the Date of Public Hearings for City of Des Moines Stormwater Facility Maintenance Easements as the Date of the July 2023 Board Meeting

**SUMMARY:**

- The new Grounds Maintenance Facility site includes two distinct areas that contain components of the public stormwater management system servicing this site and adjoining properties. These areas are located on property owned by the Board of Water Works Trustees; therefore, the City of Des Moines requires easement access to these areas to properly maintain the stormwater management system.
- This action is a Request for Permission to Establish Public Hearings to evaluate the proposed easements together with an agreement that defines maintenance rights for the City of Des Moines and places design standards and reasonable restrictions on DMWW as the Grantor of the associated easement areas. The easements and agreement are required by the City of Des Moines as a condition of approval of this site for construction of the new Grounds Maintenance Facility.
- Details of the agreement and the easements within are being finalized between parties.

**FISCAL IMPACT:**

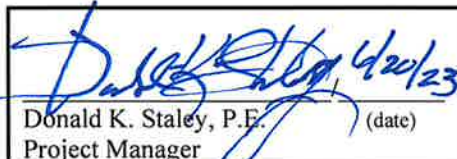
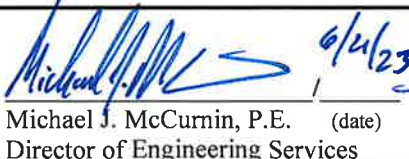
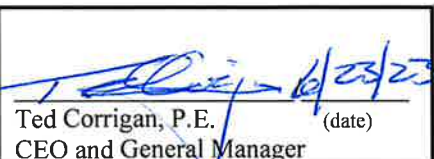
There is no fiscal impact associated with this easement.

**RECOMMENDED ACTION:**

Establish the date of the July 2023 Board meeting as the date of Public Hearings for City of Des Moines Stormwater Facility Maintenance Easements.

**BOARD REQUIRED ACTION:**

Motion to establish the date of the July 2023 Board meeting as the date of Public Hearings for City of Des Moines Stormwater Facility Maintenance Easements and direct staff to publish notice as provided by law.

 Donald K. Staley, P.E. Project Manager (date) 6/20/23	 Michael J. McCurnin, P.E. Director of Engineering Services (date) 6/21/23	 Ted Corrigan, P.E. CEO and General Manager (date) 6/23/23
---	--	---

Attachments: Easement Exhibits A & B



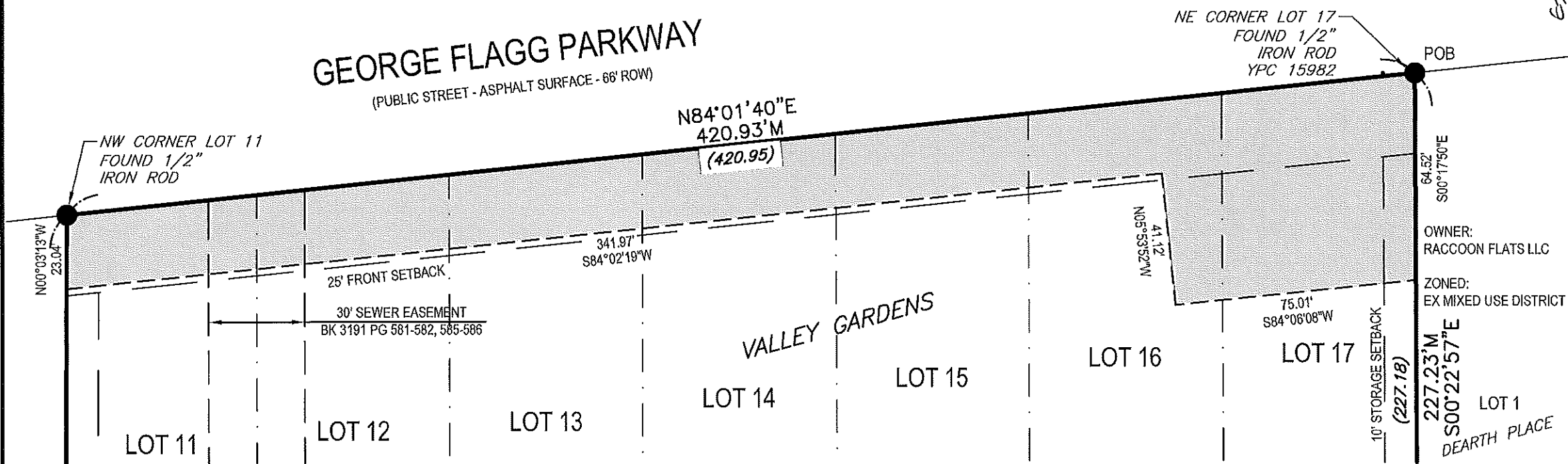
# EASEMENT EXHIBIT A

## STORM WATER FACILITY MAINTENANCE AGREEMENT

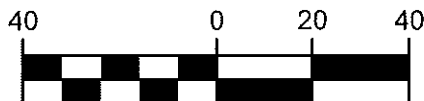
### EASEMENT DESCRIPTION:

AN IRREGULAR SHAPED EASEMENT IN LOTS 11,12,13,14,15,16 AND 17, OF VALLEY GARDENS, AN OFFICIAL PLAT, DES MOINES, POLK COUNTY, IOWA, IS DESCRIBED AS BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 17; THENCE S00°22'57"E ALONG THE EAST LINE OF SAID LOT 17, A DISTANCE OF 64.52 FEET; THENCE S84°06'08"W, A DISTANCE OF 75.01 FEET; THENCE N05°53'52"W, A DISTANCE OF 41.12 FEET; THENCE S84°02'19"W, A DISTANCE OF 341.97 FEET TO THE WEST LINE OF SAID LOT 11; THENCE N00°03'13"W ALONG THE WEST LINE OF SAID LOT 11, A DISTANCE OF 23.04 FEET TO THE NORTHWEST CORNER OF SAID LOT 11; THENCE N84°01'40"E ALONG THE NORTH LINE OF SAID LOTS 11,12,13,14,15,16 AND 17, A DISTANCE OF 420.93 FEET TO THE POINT OF BEGINNING. EASEMENT CONTAINS 12,835 SQUARE FEET

GEORGE FLAGG PARKWAY  
(PUBLIC STREET - ASPHALT SURFACE - 66' ROW)



GRAPHIC SCALE



### OWNER/ PREPARED FOR:

BOARD OF WATERWORKS TRUSTEES  
CITY OF DES MOINES  
DON STALEY PH:515-323-6218  
2201 GEORGE FLAGG PARKWAY  
DES MOINES, IA 50321-1174

### LEGEND:

- PROPERTY CORNER
- M MEASURED DISTANCE
- ROW RIGHT OF WAY
- POC POINT OF COMMENCEMENT
- POB POINT OF BEGINNING

SHEET 1 OF 1

Bishop Engineering

"Planning Your Successful Development"

3501 104th Street

Des Moines, Iowa 50322-3825

Phone: (515)276-0467 Fax: (515)276-0217

Civil Engineering & Land Surveying Established 1959

2500 GEORGE FLAGG  
DES MOINES, IOWA 50321

EASEMENT EXHIBIT

REFERENCE NUMBER:

DRAWN BY:  
JPN

PROJECT NUMBER:  
210328

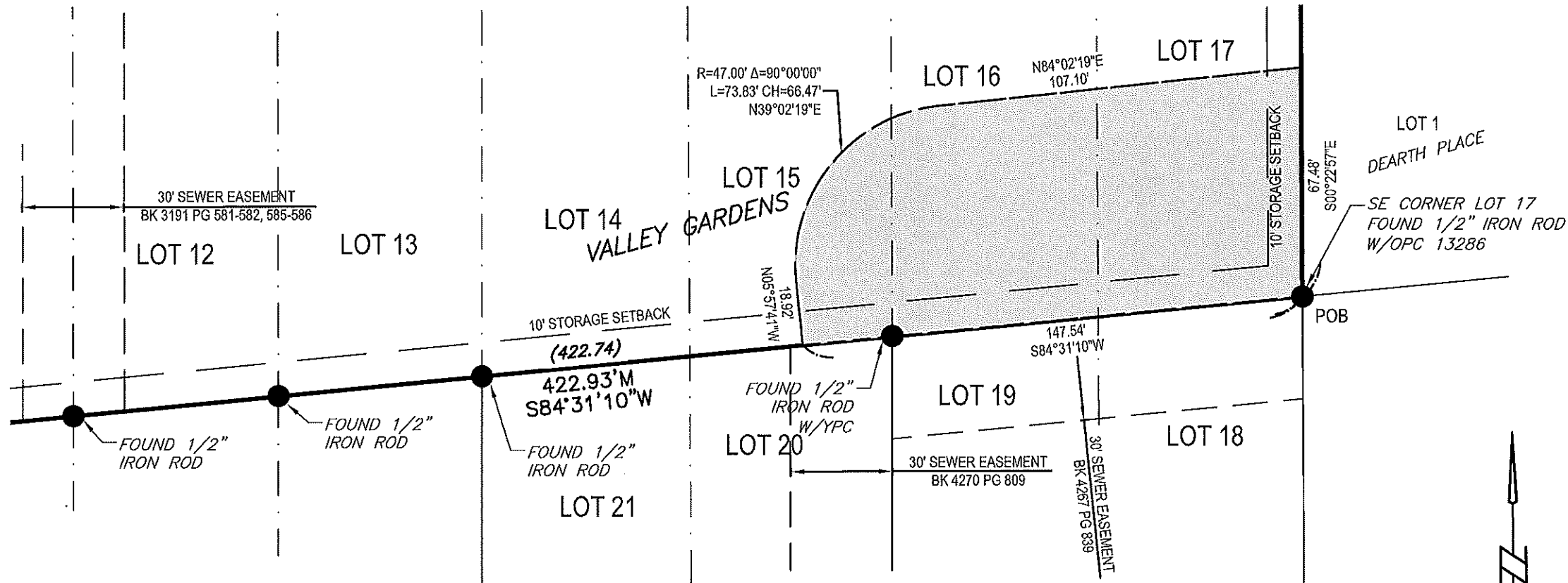
GPS 4-4-23

# EASEMENT EXHIBIT B

## STORM WATER FACILITY MAINTENANCE AGREEMENT

### EASEMENT DESCRIPTION:

AN IRREGULAR SHAPED EASEMENT IN LOTS 15, 16, AND 17, OF VALLEY GARDENS, AN OFFICIAL PLAT, DES MOINES, POLK COUNTY, IOWA, IS DESCRIBED AS BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 17; THENCE S84°31'10"W ALONG THE SOUTH LINE OF SAID LOTS 15, 16 AND, 17, A DISTANCE OF 147.54 FEET; THENCE N05°57'41"W, A DISTANCE OF 18.92 FEET; THENCE NORTHEASTERLY ALONG A 47.00 FOOT RADIUS CURVE CONCAVE SOUTHEASTERLY, A DISTANCE OF 78.83 FEET, SAID CURVE HAVING A CHORD BEARING OF N39°02'19"E AND A CHORD LENGTH OF 66.47 FEET; THENCE N84°02'19"E, A DISTANCE OF 107.10 FEET TO THE EAST LINE OF SAID LOT 17; THENCE S00°25'57"E ALONG THE EAST LINE OF SAID LOT 17, A DISTANCE OF 67.48 FEET TO THE POINT OF BEGINNING. EASEMENT CONTAINS 9564 SQUARE FEET.



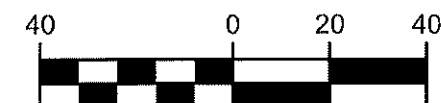
### OWNER / PREPARED FOR:

BOARD OF WATERWORKS TRUSTEES  
CITY OF DES MOINES  
DON STALEY PH:515-323-6218  
2201 GEORGE FLAGG PARKWAY  
DES MOINES, IA 50321-1174

### LEGEND:

- PROPERTY CORNER
- M MEASURED DISTANCE
- POB POINT OF BEGINNING

### GRAPHIC SCALE



**Bishop Engineering**  
"Planning Your Successful Development"

3501 104th Street  
Des Moines, Iowa 50322-3825  
Phone: (515)276-0467 Fax: (515)276-0217  
Civil Engineering & Land Surveying Established 1959

2500 GEORGE FLAGG  
DES MOINES, IOWA 50321

EASEMENT EXHIBIT

REFERENCE NUMBER:

DRAWN BY:  
JPN

PROJECT NUMBER:  
210328

ETS 4-4-23

**AGENDA ITEM FORM**

**SUBJECT: Request Authorization for CEO and General Manager to Execute Amendment No. 1 to the Professional Services Agreement with Shive-Hattery, Inc., for E. Court Ave Watermain Replacement**

**SUMMARY:**

- On June 22, 2022, the CEO and General Manager executed a Professional Services Agreement (PSA) with Shive-Hattery, Inc. for the E. Court Avenue Water Main Replacement project.
- Under this PSA, Shive-Hattery, Inc., would provide design services for the incorporation of water main replacement into the City of Des Moines paving project. Shive-Hattery, Inc., was chosen for this effort because they had already been selected by the City of Des Moines for their design efforts. Design services are being provided for two separate project contracts along E. Court Avenue. The first extends from E. 1<sup>st</sup> Street to E. 7<sup>th</sup> Street, and the second extends from E. 7<sup>th</sup> Street to E. 14<sup>th</sup> Street.
- The original PSA total was \$90,500. Shive-Hattery, Inc., has requested an amendment in the amount of \$22,000. The amended contract total will be \$112,500.
- Execution of Amendment No. 1 is necessary to add in the following scope items:
  1. Inclusion of an additional service connection to the 25 E. 1<sup>st</sup> Street property (Police Station) to facilitate the abandonment of an existing 1890's-era main.
  2. Coordination of the new main location with new duct bank to be installed by Mid-American Energy.
  3. Additional profile development for services and street crossings to navigate around electric duct bank, large-diameter sanitary sewer, and storm sewer utilities.
  4. Additional staging development to coordinate the constructability of the proposed water main with the City of Des Moines' pavement staging plan.
- Staff recommends the Board authorize the CEO and General Manager to execute Amendment No. 1 to the PSA with Shive-Hattery, Inc., in the amount of \$22,000 (amended contract total of \$112,500).

**FISCAL IMPACT:**




Funds for the amended contract total will come from both 2022 and 2023 Des Moines Water Main Replacement Budgets.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute Amendment No. 1 to the Professional Services Agreement with Shive-Hattery, Inc., in the amount of \$22,000 for E. Court Ave Watermain Replacement.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute Amendment No. 1 to the Professional Services Agreement with Shive-Hattery, Inc., in the amount of \$22,000 for E. Court Ave Watermain Replacement.

 Jonathan Mouw, P.E. (date) Engineering Supervisor	 Michael J. McCurnin, P.E. (date) Director of Engineering Services	 Ted Corrigan, P.E. (date) CEO and General Manager
---	---	---

Attachment: Amendment No. 1

***AMENDMENT TO AGREEMENT  
between SHIVE-HATTERY, INC. AND THE CLIENT***

**ATTN:** Jonathan Mouw  
**CLIENT:** Des Moines Water Works  
2201 George Flagg Parkway  
Des Moines, IA 50321-1190

**PROJECT:** DMWW - E. Court Ave Watermain Replacement

**PROJECT LOCATION:** Des Moines, IA

**ORIGINAL AGREEMENT DATE:** June 17, 2022

**AMENDMENT NO.:** 1

**AMENDMENT DATE:** May 24, 2023

Des Moines Water Works and Shive-Hattery, Inc. (S-H) agree to amend the Original Agreement as follows:

**SCOPE OF SERVICES**

Tasks for the Amended Scope of Services are revised as follows:

- A. An additional service connection was required 25 E 1st Street. Including removal and replacement of pavement. Initial scope of services included replacement of services along E Court Ave. This additional service replacement was requested by DMWW and was not connected to the other watermain work on the project.
- B. Two locations within the project corridor require significant coordination and design options to determine the appropriate solutions. The two locations are listed below.
  - 1. Coordination of water main location and Mid-American Energy duct bank near E 7th Street. The Mid-American Energy duct bank installed along E Court Ave during the design phase of the water main required the water main design to be adjusted. In particular, near E 7th Street where the duct bank terminated and reconnected with other facilities on E Court Ave and E 7th Street both north and south of E Court Ave.
  - 2. E 5th Street connection to the existing main required the water main to be shallower than typical installation depth. Multiple iterations of options to avoid the main being too shallow and to avoid the placement of the water main underneath the existing 36" Sanitary Sewer.
- C. Vertical profiles for water service connections. All water services to receive vertical profile drawings. Initial scope of services included the vertical profile for the main line and hydrants. However, service vertical profiles were not anticipated.
- D. Determination of locations for temporary blow offs, chlorination taps, and temporary caps based on final staging plan.



**COMPENSATION**

Description	Fee Type	Fee	Total
Amendment Scope of Services	Hourly w/ Max	\$22,000	\$22,000

**Fee Types:**

- Hourly w/ Max - We will provide the Scope of Services on an hourly rate basis at our standard Hourly Fee Schedule in effect at the time that the services are performed. We will not exceed the estimated amounts above without your prior authorization.

**Expenses:**

- Included - For Fixed Fee Type, expenses have been included in the Fee amount. For Hourly Fee Types, expenses will be reimbursed in accordance with our Reimbursable Expense Fee Schedule in effect at the time that the expense is incurred.

**AGREEMENT**

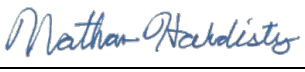
When accepted by both parties, this Amendment will amend the Original Agreement and is subject to all other terms and conditions of the Original Agreement. Original, facsimile, electronic signatures or other electronic acceptance by the parties (and returned to Shive-Hattery) are deemed acceptable for binding the parties to the Amendment. The Client representative signing this Amendment warrants that he or she is authorized to enter into this Amendment on behalf of the Client.

**IN WITNESS WHEREOF**, the parties hereto have executed this **AMENDMENT** as of the day and year first written above.

**CLIENT:**  
**DES MOINES WATER WORKS**

**S-H:**  
**SHIVE-HATTERY, INC.**

By: \_\_\_\_\_  
Ted Corrigan  
CEO

By:   
Nathan Hardisty, P.E.  
Project Manager

**AGENDA ITEM FORM**

**SUBJECT: Request Authorization for CEO and General Manager to Execute Amendment No. 1 to the Professional Services Agreement with HDR Engineering, Inc., for Saylorville Water Treatment Plant Capacity Expansion Design and Construction Services**

**SUMMARY:**

- Staff prepared a Request for Proposals (RFP) for completing the design, bidding support, and construction support of the source, treatment, and finished water pumping elements associated with the 10 MGD expansion at the Saylorville Water Treatment Plant (SWTP). One proposal was received on November 3, 2022, and reviewed by staff.
- Since this will be considered a regional asset, staff and the CIWW (Central Iowa Water Works) TAC (Technical Advisory Committee) reviewed the proposal and agreed that the HDR Engineering, Inc. (HDR), and Black & Veatch team were certainly qualified and capable of performing this work. At the December 20, 2022, Board meeting, the CEO and General Manager was authorized to enter an agreement with HDR for the completion of this important work.
- On February 6, 2023, the CEO and General Manager executed a Professional Services Agreement (PSA) with HDR for the SWTP Capacity Expansion project in the amount of \$12,999,057.
- HDR and staff have negotiated scope and fee associated with a proposed Amendment No. 1 to the original agreement in the amount of \$111,551.
- Execution of Amendment No. 1 is necessary to allow Black & Veatch, sub-consultant on the project, to perform additional calibrations on the hydrogeologic model provided by United States Geological Survey (USGS) and to keep the project on a timelier schedule.
- The Black & Veatch perspective is that the initial transient groundwater model, received from USGS in late February of 2023, requires additional calibration work to be used as a more effective design tool to estimate yields and determine optimal well locations. Black & Veatch, in coordination with DMWW staff, has provided their feedback and concerns with USGS. USGS' schedule will not allow delivery of a revised model until December 31 of 2023 at the earliest. DMWW's project team feels it is essential to have the HDR and Black & Veatch team continue the model calibrations to keep the project on a timelier schedule.
- The proposed Amendment No. 1 was brought to a recent CIWW TAC meeting. All communities present voted in favor of proceeding with Amendment No. 1.
- Staff recommends the Board authorize the CEO and General Manager to execute Amendment No. 1 to the PSA with HDR Engineering, Inc., in the amount of \$111,551.
- The revised agreement amount with HDR Engineering, Inc., will be \$13,110,608.

**FISCAL IMPACT:**




Funds for Amendment No. 1 will come from the 2023 SWTP – Raw Water Expansion – 10 MGD budget.

**RECOMMENDED ACTION:**

Authorize the CEO and General Manager to execute Amendment No. 1 to the Professional Services Agreement with HDR Engineering, Inc., in the amount of \$111,551 for the SWTP Capacity Expansion project.

**BOARD REQUIRED ACTION:**

Motion to authorize the CEO and General Manager to execute Amendment No. 1 to the Professional Services Agreement with HDR Engineering, Inc., in the amount of \$111,551 for the SWTP Capacity Expansion project.

 Lindsey Wanderscheid, P.E. (date) 6/21/23 Engineering Supervisor	 Michael J. McCurnin, P.E. (date) 6/21/23 Director of Engineering Services	 Ted Corrigan, P.E. (date) 6/23/23 CEO and General Manager
--	--	---

Attachments: None





DES MOINES WATER WORKS  
Board of Water Works Trustees

Agenda Item No. Information Items A-D  
Meeting Date: June 27, 2023  
Chairperson's Signature ☐ Yes ☒ No

**AGENDA ITEM FORM**

**SUBJECT:** Information Items

**SUMMARY:**

- A. Board Committee Reports
  - Finance and Audit Committee
  - Planning Committee
  - Stowe Foundation
  - Greater Des Moines Botanical Garden Board
  - Des Moines Water Works Park Foundation Board
- B. CEO and General Manager's Comments
- C. Safety 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.

<hr style="width: 100%;"/> (date)	<hr style="width: 100%;"/> (date)	 Ted Corrigan, P.E. CEO and General Manager (date) 6/23/23
--------------------------------------	--------------------------------------	---

Attachments: GDMBG Q1 and Q2 Programming Updates; DMWWPF Executive Summary, May 2023 Financials, Events Calendar; Safety Update; Contract Status and Professional Services Agreements Spreadsheets



## Greater Des Moines Botanical Garden

Exploring, explaining and celebrating the world of plants

### Water Programming Q1 & Q2 updates

#### Q1 JANUARY – MARCH

- **Learn on Saturday Speaker Series:**
  - Managing a Wild Lawn, Iowa's Watershed Approach, ISU Prairie STRIPS program.
- **Adult Programs:**
  - Terrariums workshop - 30 attendees
  - Botanical Watercolor workshop – 15 attendees
- **Youth & Family Programs:**
  - **Spring Break 2023:** Desert themed – arid ecosystems/water cycle
    - Welcomed a total of 4,478 guests over the 5 days
    - Day camps: Deserts in the Dome -
      - 35 elementary day camp experiences with over 245 contact hours!
  - Scoop on Soil field trips - 29 attendees

#### Q2 APRIL - JUNE

- April → **Water Month!** – all programming focused on water
  - Rain Campaign Sculptures
  - Water droplets & water scavenger hunts
  - Water display in garden commons
  - **Earth Day** – Free admission: Water themed
    - 2061 total visitors
      - 1,452 Adults (70.45%) and 609 Youth (29.55%)
    - Most visitors were nonmembers – just .02% were members!
- **Spring Garden Festival** – Raingarden plant kits – waterwise plants!
- **Adult Programs:**
  - Toast to Terrariums workshop – 36 attendees
  - Botanical Watercolor workshop – 19 attendees
  - Rain Barrel workshop with Cody Acevedo - 15 attendees
  - Advanced Terrariums – upcoming!
- Continued work on interpretive signage in sand prairie and rain garden – water messaging/sustainability, etc.
- **Outreach:**
  - Terrarium booth – Senior Fest – 164 attendees.
  - Bromeliad video & booth – 948 attendees!
    - Partnership with DMPA – National Geographic collaboration



22 June 2023

## Updates from the Des Moines Water Works Park Foundation



### Programming

The 2023 summer season is well underway. The Ballet on June 1<sup>st</sup> persevered through a rainy set up but a perfect night. The Iowa Brewfest had a record turnout and we hosted the inaugural NICE TRI event



that benefited autism, but provided a fun avenue for all to come play in the park. Our free community cultural series featured both the Ballet and the Zenith Chamber Music festival and both were well attended as was the People's Pride event. RAGBRAI plans continue to be developed and refined and we anticipate a a record setting number of participants. Since opening, the Biergarten has again received



rave reviews and its following and recognition as a family/pet/all age friendly environment continues to grow. The free Local Bands, Brews and Bike series has also begun and will continue on Sunday's throughout the summer. Interest and bookings continue to grow. We've also conducted our first small side paid concerts and have met some success with



featuring artists that are about to burst onto the national scene. A collection of pictures from those events are featured throughout this update.

**Highlights of the season include:**

\*Ballet Des Moines – June 1  
Iowa Craft Brew Festival – June 3  
Nice Tri (Aethism benefit) – June 4  
\*Zenith Chamber Music Festival – June 8  
Charles Wesley Godwin – June 9  
\*Des Moines Pride – June 10  
Charlie Crocket – June 23  
Willie Nelson – June – 27  
Young the Giant - June 28  
Koe Wetzal – June 30  
Dirty Heads – July 3  
\*Peace Walk for Srebrenica – July 9  
\*Music Under the Stars – July 9  
The Dead South – July 13  
Styx – July 14  
Corridos Festival – July 15  
\*Ukraine Benefit – July 16  
\*Music Under the Stars - July 16  
Whiskey Meyers – July 20  
\*RAGBRAI & Lynard Skynard – July 26  
\*Iowa Dance Theater Choreography Festival – August 5  
\*Lyceum Event – August 13  
Above & Beyond Concert Elevate Festival – August 20  
Dominic Fike – August 21  
\*Des Moines Symphony - Direct from Sweden: The Music of ABBA - September 2  
\*Des Moines Symphony – Heroes & Legends - September 3,  
Jordan Davis - September 15  
Oktoberfest – September 22 - 24  
Paul Caurther – September 29  
*\*Part of the Foundation's free Community Cultural Series*  
**Completed**





### **Memorial Benches**

After supply chain delays and some issues with our automated software we have completed the installation and sale of all ten of the initial memorial benches. Pictured are Roma Youngquist and her daughter Tracy sitting on Roma's husband James's bench for the first time.

**May Financials are attached, June minutes to be included in next update.**

Des Moines Water Works Park Foundation

<i>Comparative Statements of Financial Position as of</i>		May 31, 2023	April 30, 2023	December 31, 2022
<b>ASSETS</b>				
Cash and Cash Equivalents	\$	105,640.55	\$ 145,916.29	\$ 184,062.05
Investments - Endow Iowa		50,523.41	50,063.99	48,176.08
Pledges Receivable		597,607.07	597,607.07	634,107.07
Accounts Receivable		-	2,500.00	
Prepaid Expenses		3,637.37	3,318.00	1,005.28
<b>Total Assets</b>	<b>\$</b>	<b>757,408.40</b>	<b>\$ 799,405.35</b>	<b>\$ 867,350.48</b>
Accounts Payable	\$	29,185.17	\$ 696.53	\$ 11,007.53
Accrued Expenses		1,780,212.29	1,780,212.29	1,790,212.29
Loan Payable - Line of Credit		451,263.07	475,580.55	484,370.55
<b>Total Liabilities</b>	<b>\$</b>	<b>2,260,660.53</b>	<b>\$ 2,256,489.37</b>	<b>\$ 2,285,590.37</b>
<b>NET ASSETS</b>				
Net Assets without donor restrictions:				
Available to Spend	\$	831,732.26	\$ 868,750.10	\$ 899,414.69
Net Assets with donor restrictions:				
Endow Iowa		50,523.41	50,063.99	48,176.08
Karras Kaul Sculpture (Ragbrai)		10,107.21	10,107.21	10,957.21
Park Improvement/Fleur Trail		(2,395,615.01)	(2,386,005.32)	(2,376,787.87)
<b>Total Net Assets</b>	<b>\$</b>	<b>(1,503,252.13)</b>	<b>\$ (1,457,084.02)</b>	<b>\$ (1,418,239.89)</b>
<b>Total Liabilities and Net Assets</b>	<b>\$</b>	<b>757,408.40</b>	<b>\$ 799,405.35</b>	<b>\$ 867,350.48</b>

Des Moines Water Works Park Foundation  
Consolidated Statement of Financial Activity and Change in Net Assets  
For the five months ending May 31, 2023

	May-23					FISCAL YEAR TO DATE			Annual Budget
	Operating	Development	Programming	Capital	Total	Actual	Budget	Budget Variances	2023
<b>REVENUES AND OTHER SUPPORT</b>									
Corporate & Foundation Giving	\$ 17.24	\$ -	\$ -	\$ -	\$ 17.24	\$ 1,017.24	\$ 38,400.00	\$ (37,382.76)	\$ 92,160.00
Individual Gifts	-	966.68	-	-	966.68	7,623.26	2,083.33	5,539.93	5,000.00
Park Sponsorship	-	-	-	-	-	-	52,083.33	(52,083.33)	125,000.00
Program Income	-	-	-	-	-	13,650.00	-	13,650.00	-
Special Event Income	-	-	-	-	-	10,000.00	20,833.33	(10,833.33)	50,000.00
User/Vendor Revenue	-	-	-	-	-	-	176,645.83	(176,645.83)	423,950.00
Investment Income, net of fees	112.43	-	-	0.55	112.98	3,999.71	-	3,999.71	-
<b>Total Revenues and Other Support</b>	<b>\$ 129.67</b>	<b>\$ 966.68</b>	<b>\$ -</b>	<b>\$ 0.55</b>	<b>\$ 1,096.90</b>	<b>\$ 36,290.21</b>	<b>\$ 290,045.83</b>	<b>\$ (253,755.62)</b>	<b>\$ 696,110.00</b>
<b>EXPENSES</b>									
Accounting/Audit	\$ 875.00	\$ -	\$ -	\$ -	\$ 875.00	\$ 4,375.00	\$ 4,617.71	\$ (242.71)	\$ 11,082.50
Advancement Tools	-	-	-	-	-	10.70	-	10.70	-
Amphitheater Programming	-	-	16,203.21	-	16,203.21	22,703.21	43,750.00	(21,046.79)	\$ 105,000.00
Consulting Services	2,000.00	-	-	-	2,000.00	2,000.00	-	2,000.00	-
Community Programming	-	-	-	-	-	-	10,937.50	(10,937.50)	26,250.00
Development	-	-	-	-	-	-	33,541.67	(33,541.67)	80,500.00
Food Expense	-	-	-	-	-	111.17	-	111.17	-
Furnishing Expense	-	-	-	10,500.00	10,500.00	10,500.00	-	10,500.00	-
General Office	585.93	5.06	-	-	590.99	2,658.48	2,291.67	366.81	5,500.00
Governance	-	-	-	-	-	-	1,229.17	(1,229.17)	2,950.00
Information Technology	34.02	-	-	-	34.02	141.37	-	141.37	-
Interest Expense	-	-	-	9,610.24	9,610.24	18,829.68	14,583.33	4,246.35	35,000.00
Marketing	-	-	144.45	-	144.45	765.59	8,666.67	(7,901.08)	20,800.00
Misc. Expense	-	-	-	-	-	-	208.33	(208.33)	500.00
Office Equipment	-	-	-	-	-	779.22	-	779.22	-
Park Maintenance	-	-	-	-	-	-	18,750.00	(18,750.00)	45,000.00
Professional Services	-	6,400.00	-	-	6,400.00	22,850.00	-	22,850.00	-
Rent Expense	130.00	-	-	-	130.00	520.00	-	520.00	-
Staffing & Administrative Costs	12,800.00	-	-	-	12,800.00	30,370.00	64,000.00	(33,630.00)	153,600.00
Travel Expense	-	-	-	-	-	15.60	-	15.60	-
Utilities	-	-	656.96	-	656.96	3,047.43	4,772.50	(1,725.07)	11,454.00
Website Maintenance	-	-	-	-	-	1,625.00	-	1,625.00	-
<b>Total Expenses</b>	<b>\$ 16,424.95</b>	<b>\$ 6,405.06</b>	<b>\$ 17,004.62</b>	<b>\$ 20,110.24</b>	<b>\$ 59,944.87</b>	<b>\$ 121,302.45</b>	<b>\$ 207,348.54</b>	<b>\$ (96,546.09)</b>	<b>\$ 497,636.50</b>
<b>Change in Net Assets</b>	<b>\$ (16,295.28)</b>	<b>\$ (5,438.38)</b>	<b>\$ (17,004.62)</b>	<b>\$ (20,109.69)</b>	<b>\$ (58,847.97)</b>	<b>\$ (85,012.24)</b>	<b>\$ 82,697.29</b>	<b>\$ (157,209.53)</b>	<b>\$ 198,473.50</b>
<b>Net Assets, Beginning of Year</b>						<b>(1,418,239.89)</b>			
<b>Net Assets, End of Year</b>						<b>\$ (1,503,252.13)</b>			



2023	Date	Event
March	18	St Paddy's Marathon
	22	Plant tour NRCS
April	1-2	Iowa Coursing Hounds
	5	Plant tour Waukee APEX
	8	DSM Criterium bike race
	15	Wombat Rugby at football fields
	15-16	Coursing Hounds of Iowa
	21	Trash bash park clean up
	22	Private shelter rental
	22	Extraordinary egg event
	23	Yoga at Maffitt
	29	Scream it out event
	29	Wombat Rugby at football fields
	29	Polk County Victims Rights walk
	29	Private gazebo rental
	30	Groupo Frontera concert
May	4	DSM Criterium bike race
	5	Pet Rock concert - reschedule later
	6-7	DSM Women's marathon race
	6	The Pork Tornadoes
	11	Private shelter rental
	12	DSM Criterium bike race - RESCHEDULE LATER
	13	Race for Hope
	13	Political Rally - cancelled possible reschedule
	14	DSM Criterium bike race RESCHEDULE LATER
	18	Wedding rehearsal fountain
	20	Private fountain rental
	20	Polk Co Foster Children - photos in park
	26	Private shelter rental
	27-28	Karen Association of Iowa - soccer
June	1	DSM Ballett
	1	DSM Criterium bike race
	2	Pet Rock concert - reschedule later - MOVED LOCATION
	2-4	Lowdown car show
	3	Iowa Craft Brew Festival
	4	Lazy not a tri race
	8	Zenith Chamber music festival
	9	Charles Wesley Godwin concert
	10	Private shelter rental
	10	People's Pride event
	11	IRONMAN
	13	Maffitt Wedding
	15	Plant tour - agricultural relations council
	17-18	Iowa Coursing Hounds
	21	Private shelter rental
	23	Charley Crocket concert
	24	Private fountain rental
	27	Willie Nelson concert
	28	Young the Giant concert
	30	Koe Wetzal concert
	30-July 2	Iowa Coursing Hounds

2023	Date	Event
July	3	Dirty Heads
	9	Music under the stars
	9	DSM Criterium bike race
	13	Dead South concert
	14	Styx concert
	14	Private shelter rental
	14-15	Beaverdale Bluegrass festival
	15	Private Shelter rental
	15	Moonlight Classic bike ride
	16	Music under the stars
	16	Ukraine Benefit
	20	Bike Race
	20	Whiskey Meyers concert
	26	RAGBRAI - camping and concert
	29-30	Iowa Coursing Hounds
August	2	DSM Criterium bike race
	2	Plant tour - RRAP
	5	Iowa Dance Theater
	5-6	Karen Association of Iowa - soccer
	11	Private shelter rental
	12	Private shelter rental
	13	DSM Criterium bike race
	19-20	Karenni Comm of DSM - soccer
	20	Elevate above and beyond cancer event
	25-27	DSM Criterium bike race
September	9-10	Karen Association of Iowa - soccer
	15	Jordan Davis concert
	17	Hy-Vee marathon
	20-24	Octoberfest - set up, event
	22-24	Ikes outdoor expo
	27-Oct 1	Polk County Democrats - set up, event
	30	Wonder Women run
October	8	Blazing 5K
	14-15	DSM Marathon - set up, event
	28-29	Coursing Hounds of Iowa
		Biergarten every Thursday-Sunday at amphitheater
		Bands, Bikes, Brews - small concerts at beer garden

KEY
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: June 22, 2023

TO: Ted Corrigan, CEO and General Manager  
Kyle Danley, COO

FROM: Dylan White, Field Safety Specialist

SUBJECT: Safety Memo

Injuries

6 (06/19/2023)

Accidents

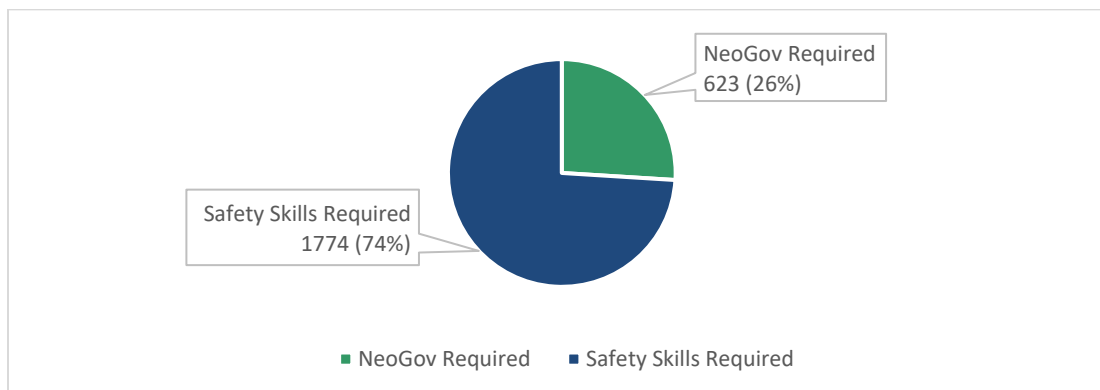
8 (4 preventable)

Near Misses

6 Awareness

24 Actionable (48% resolved)

- On 06/19/2023, a Water Distribution employee was in a serious single vehicle accident. The employee lost control of the crew van and the vehicle went into the ditch ending up on its side. The employee received emergency care and was released later that day. They were diagnosed with a mild concussion, back strains, and a fractured forearm.
- 20 New Hire-Transfer Checklists have been completed and 21 more are in progress. Zero are overdue.
- The new Field Training Specialist position has been filled.

**2023 Required Training Assignments**

## COMPETITIVE BIDS CONTRACT STATUS FOR JUNE 2023

NW 26th Street Booster Station	Construction is 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	Henkel Construction Company 8/14/2020 \$1,533,000.00 \$69,618.46 \$1,602,618.46 \$1,491,106.08 Jun-23
2021 Well Rehabilitation	SWTP sites complete. MWTP #6 to be completed in fall of 2023.	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	Layne Christensen Company, Inc. 2/14/2022 \$1,344,820.00 \$743,265.00 \$2,088,085.00 \$1,081,996.00 Dec-23
L. P. Moon Pumping Station - Pump No. 8	Pump start-up slated for July 5, 2023.	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 1/9/2023 \$123,390.00 \$4,654.00 \$128,044.00 \$96,090.90 Jul-23
Norwalk Highway G14 Meter Vault	Electrical and control work being finalized.	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. 4/6/2022 \$536,000.00 \$2,853.00 \$538,853.00 \$474,392.65 Jul-23
Fleur Drive Operations Center Stormwater System Improvements - Phase 2	Construction is substantially complete. Acceptance deferred until resolution of transformer issue.	Contractor Notice to Proceed Original Contract Sum Net Change by Change Orders Contract Sum to Date Total Completed to Date Anticipated Completion Date	WRH, Inc. 3/28/2022 \$1,179,900.00 \$24,622.89 \$1,204,522.89 \$1,189,022.89 Oct-23
2022 Water Main Replacement	Construction is 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	J & K Contracting, LLC 9/6/2022 \$989,145.00 \$412,340.22 \$1,401,485.22 \$1,298,351.22 Jun-23

Item IV-D



Gallery Valve Chamber Structures Reconstruction - Phase 2	Construction is substantially complete. Punchlist items remain.	Contractor	Nate Todd Construction, LLC
		Notice to Proceed	7/11/2022
		Original Contract Sum	\$498,750.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$498,750.00
		Total Completed to Date	\$463,000.00
		Anticipated Completion Date	Jul-23
2022 Des Moines Water Main Replacement - Contract 1	Construction is substantially complete. Punchlist items remain.	Contractor	Synergy Contracting, LLC
		Notice to Proceed	7/29/2022
		Original Contract Sum	\$1,486,413.00
		Net Change by Change Orders	\$13,233.50
		Contract Sum to Date	\$1,499,646.50
		Total Completed to Date	\$1,539,816.08
		Anticipated Completion Date	Jul-23
McMullen High Service Pump Building HVAC and Roofing Upgrades	Construction in progress	Contractor	Brockway Mechanical & Roofing Co., Inc.
		Notice to Proceed	4/17/2023
		Original Contract Sum	\$233,094.00
		Net Change by Change Orders	\$6,950.00
		Contract Sum to Date	\$240,044.00
		Total Completed to Date	\$119,487.00
		Anticipated Completion Date	Jan-24
Maffitt East Feeder Main - Valve Vault	Construction in progress	Contractor	WRH, Inc.
		Notice to Proceed	6/12/2023
		Original Contract Sum	\$1,280,000.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$1,280,000.00
		Total Completed to Date	\$0.00
		Anticipated Completion Date	Apr-24
2023 Des Moines Water Main Replacement - Contract 1	Construction in progress	Contractor	Corell Contractor, Inc.
		Notice to Proceed	5/24/2023
		Original Contract Sum	\$2,145,227.00
		Net Change by Change Orders	\$0.00
		Contract Sum to Date	\$2,145,227.00
		Total Completed to Date	\$0.00
		Anticipated Completion Date	Sep-24

## COMPETITIVE QUOTATIONS CONTRACT STATUS FOR JUNE 2023

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

### PROFESSIONAL SERVICES AGREEMENTS

Service	Selected Vendor	Date	Amount	Comments
Roof Membrane Relaxation Design	WTI	7/2/2021	\$3,000	
Design and preconstruction for DSM River Intake Roofing and Structural Modification	Accord Architecture	7/2/2021	\$9,280	COMPLETE
Maffitt East Feeder Main Control Valve Design	Stanley Consultants	8/6/2021	\$46,920	COMPLETE
Engineering & Drafting assistance - 2021 DM WMR #4	JEO Consulting Group	8/16/2021	\$20,270	COMPLETE
Government Relations Services - October 1, 2021 - September 30, 2022	Woodberry Associates, LLC	9/22/2021	\$5,000/month	COMPLETE
Engineering Services - Drafting water main relocations for City of Des Moines SE Connector SE 30th to US Hwy 65	Kirkham Michael	9/24/2021	\$10,000	COMPLETE
Legislative Advocacy - October 1, 2021 - December 31, 2022	Advocacy Strategies	9/24/2021	\$53,125	\$10,625/qtr
Survey Services for 2022 WMR - SW 10th Place	Snyder & Associates	11/9/2021	\$24,600	COMPLETE
Survey Services for 2022 WMR - SW 11th Street	Snyder & Associates	11/9/2021	\$24,600	COMPLETE
Specs and Contract Documents for 2022 Tank Painting - Tenny	Dixon Engineering	11/24/2021	\$5,125	COMPLETE
Drafting and Design for City of DM 2nd Ave. Improvements Project - University Ave to 2nd Ave Bridge	Bolton & Menk	11/22/2021	\$39,510	
Survey Services for 2022 WMR - Luster Ln & SW 9th St	McClure Engineering	12/1/2021	\$19,325	COMPLETE
Specs and Contract Documents for 2022 Tank Painting - Runnells	Dixon Engineering	12/28/2021	\$6,625	COMPLETE
Communications, Public Relations - Melissa Walker	MW Media Consultants, LLC	1/1/2022	\$4,800/month	
Consulting Services for Replacement of Financial Mgmt. Software	Adbo Financial Solution	2/11/2022	\$98,400	
2022 Voice of the Customer Survey/Research	SPPG+Essman Research	3/21/2022	\$40,000	
Survey Services for 2022 Des Moines WMR - Contract 2	Snyder & Associates	3/22/2022	\$37,953	
Diversity and Inclusion Plan	Keen Independent Research	4/15/2022	\$49,985	
Inspection Services for Tenny Standpipe painting	KLM Engineering, Inc.	5/12/2022	\$60,295	
Engineering Services - Drafting water main relocations for City of Des Moines Hamilton Drain - Phase 3	Kirkham Michael	6/15/2022	\$20,000	
Engineering Svcs for City of DM E Court Ave from DM River to E14th St	Shive-Hattery	6/23/2022	\$112,500	
Grounds Maintenance Facility	SVPA Architects	6/30/2022	\$118,280	
Water Main Design for Windsor Heights 73rd St. Phase 1 Improvements	Bolten & Menk, Inc.	7/14/2022	\$30,000	
Development of Drafting Standards for Engineering Department	DTM Solutions	8/30/2022	\$13,200	
MicroStation Connect and OpenRoads Designer Training	DTM Solutions	8/30/2022	\$3,800	
Design, Bid, and Construction Administration Services - MWTP HVAC	Shive-Hattery	9/26/2022	\$25,750	
Engineering Services - Closed Loop Cooling Projects Planning Study	IMEG	9/27/2022	\$23,600	COMPLETE
Engineering Services - Vine Street Water Main Improvements	ISG, Inc.	11/4/2022	\$21,600	
FDWTP 5KV Study	KFI	11/16/2022	\$38,100	
DM River and NW Beaver Drive Geotechnical Exploration Services	Allender Butzke Engineers, Inc.	11/16/2022	\$15,000	
SWTP Transmission Improvements Design & Construction	Snyder & Associates	11/28/2022	\$1,078,400	
FDWTP Pumping Station HVAC - RTU Replacement	IMEG	12/29/2022	\$84,700	
Roof Relaxation Specs, Drawings and Bidding Documents	WTI	1/18/2023	\$7,250	
LP Moon ASR Pump Electrical Evaluation	AECOM	1/20/2023	\$7,800	
Hickman Feeder Main Relocation Design & Construction Services	Snyder & Associates	1/24/2023	\$82,700	
McMullen Truck Scale Improvements Engineering Services	Snyder & Associates	1/31/2023	\$60,500	
MWTP Chemical Feed Improvements Engineering Services	McClure Engineering	2/3/2023	\$106,670	
SWTP Capacity Expansion Design & Construction Services	HDR Engineering	2/6/2023	\$12,999,057	
Closed Loop Cooling Projects Design	IMEG	3/1/2023	\$47,300	COMPLETE
McKinley Ave Reconstruction from SW 9th to SW 14th	HR Green, Inc.	3/1/2023	\$70,500	
ASR at Polk County Pumping Station	Strand & Associates	3/14/2023	\$909,400	
2023 DM WMR Contract 2 Surveying Services	McClure Engineering	5/1/2023	\$64,746	
2023 DM WMR Contract 3 Surveying Services	McClure Engineering	5/1/2023	\$43,158	
Affordability Study	Raftelis	5/3/2023	\$79,785	
FDTP - Distribution Building Improvements	WJE	5/31/2023	\$47,000	
2023 DM WMR Contract 4 Surveying Services	Snyder & Associates	6/13/2023	\$26,624	