

## AGENDA

Board of Trustees  
Central Iowa Water Works  
April 22, 2026 @ 3:00 p.m.  
3 Fountains Edgewater Building  
4200 University Avenue, Suite 134  
West Des Moines, IA 50266

Please join our meeting from your computer, tablet or smartphone.

[Join Zoom Meeting](#)

Meeting ID: 810 4233 4898

Passcode: 633509

United States:

+1 (309) 205-3325

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**Item 1: Call to Order**

**Item 2: Roll Call**

**Item 3: Approving Agenda, as presented or amended.**

**Item 4: Public Comment (Please state name, address, and limit comments to five minutes)**

**Item 5: Consent Agenda (Note: These are routine items and will be enacted with one vote without separate discussion unless someone, Board or Public, requests an item to be removed and considered separately)**

- A. Motion – Approve the Minutes from March 25, 2026, CIWW Board Meeting as published, subject to correction, as recommended by the Board Clerk
- B. Motion – Approve the Minutes from April 2, 2026, CIWW Board Workshop as published, subject to correction, as recommended by the Board Clerk
- C. Motion – Receive and File Final Minutes from March 11, 2026, Technical Committee Meeting
- D. Motion – Receive Draft Minutes from April 8, 2026, Technical Committee Meeting

- E. Motion – Receive Draft Minutes from April 3, 2026, Long Range Planning Committee Meeting
- F. Motion – Receive and File Final Minutes from March 17, 2026, Water Usage Best Practices Committee
- G. Motion – Receive and File Final Minutes from March 19, 2026, Finance and Audit Meeting
- H. Motion – Receive and File Final Minutes from March 25, 2026, Finance and Audit Meeting
- I. Motion – Receive and File Final Minutes from March 19, 2026, Executive Committee Meeting
- J. Motion – Receive and File March Financial Summary and Approve March Expenditures
- K. Motion – Receive and File CIWW March 2026 Revenue and Usage Summary
- L. Motion – Change in membership in the Water Usage Best Practices Committee

**Item 6: Board Action Items**

- A. Resolution – Approving 2026 Weighted Vote Allocation Among Member Agencies
- B. Resolution – Adopting Schedule XIX-1 Amended and Restated Water Use Plan
- C. Resolution – Approving an Amendment to the Resolution Authorizing Issuance of Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C, dated January 3, 2025, and Authorizing Execution and Delivery of Amendment to Interim Loan and Disbursement Agreement (A weighted vote is required. Such vote requires votes representing a majority of the weighted vote allocation plus votes representing at least three (3) member agencies for the action to be adopted by the board.)
- D. Motion – Approving the Working Group Recommendation for Capacity Allocation Methodology Among Participating Members for the Grimes Plant and West Plant Expansion Projects
- E. Motion – To initiate Stages I and II of the Water Use Plan, to be implemented by the Technical Committee as conditions warrant
- F. Motion – To approve City of Grimes’ request for exemption from the Water Use Plan restrictions on lawn watering until such time as the City of Grimes connects to the CIWW Regional Network

**Item 7: Information Items**

- A. Executive Director Comments
  - 1. After-Action Review Update
  - 2. Legislative Update
  - 3. Project Reports
- B. Contract Operator Updates
- C. Board Committee Reports

1. Executive Committee
  - a. Resolution – Approving Amended and Restated Bylaws of the Board of Trustees of Central Iowa Water Works
  - b. Proposed revisions to the 28E/28F Agreement - Update
2. Technical Committee
  - a. Motion – Authorizing the Executive Director to Execute an Agreement with HDR Engineering, Inc., for hydraulic modeling services related to the West Plant project, in an amount not to exceed \$125,000, subject to review and approval by CIWW legal counsel
3. Finance and Audit Committee
  - a. Resolution – Approving the selection of PFM as Professional Municipal Advisor for Financial Services for a period ending December 31, 2029, and Authorizing the Executive Director to Execute an Agreement for Services
4. Water Usage Best Practices Committee
 

Aqualytics Smart Watering Program - Update
5. Long-Range Planning Committee

**Item 8: Other Business**

**Item 9: Closed Session**

- A. Closed Session – Discuss the purchase or sale of particular real estate only where premature disclosure could be reasonably expected to increase the price the governmental body would have to pay for the property, as permitted by Iowa Code § 21.5.

**Adjournment**

<b>Upcoming CIWW Activities</b>			
<u>Meeting</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Technical Committee	May 13, 2026	1:00 p.m.	DMWW Board Room
Long Range Planning Committee	May 13, 2026	Following the Technical Committee Meeting	DMWW Board Room
Water Usage Best Practices Committee	May 29, 2026	9:00 a.m.	Central Iowa Water Works
Executive Committee	May 21, 2026	12:00 p.m.	Central Iowa Water Works
Finance & Audit Committee	May 21, 2026	8:00 a.m.	Central Iowa Water Works
Board of Trustees	May 27, 2026	3:00 p.m.	3 Fountains Edgewater Building, Suite 134



**CENTRAL IOWA WATER WORKS  
BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date:** April 22, 2026

**ITEM NUMBER: 5A - I**

**SUBJECT:**

- A. Motion – Approve the Minutes from March 25, 2026, CIWW Board Meeting as published, subject to correction, as recommended by the Board Clerk
- B. Motion – Approve the Minutes from April 2, 2026, CIWW Board Workshop as published, subject to correction, as recommended by the Board Clerk
- C. Motion – Receive and File Final Minutes from March 11, 2026, Technical Committee Meeting
- D. Motion – Receive Draft Minutes from April 8, 2026, Technical Committee Meeting
- E. Motion – Receive Draft Minutes from April 3, 2026, Long Range Planning Committee Meeting
- F. Motion – Receive and File Final Minutes from March 17, 2026, Water Usage Best Practices Committee Meeting
- G. Motion – Receive and File Final Minutes from March 19, 2026, Finance and Audit Meeting
- H. Motion – Receive and File Final Minutes from March 25, 2026, Finance and Audit Meeting
- I. Motion – Receive and File Final Minutes from March 19, 2026, Executive Committee Meeting

**SUMMARY:**

The action will approve or receive and file the minutes from the previous board and committee meetings.

**FINANCIAL IMPACT:**

None.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Motion to approve the consent agenda including items A through I.

Prepared by: Ami Madsen

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## Minutes

Board of Trustees  
Central Iowa Water Works  
March 25, 2026  
3 Fountains Edgewater Building  
4200 University Avenue, Suite 134  
West Des Moines, IA 50266  
3:00 p.m.

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### **Item 1: Call to Order**

Chair Jody Smith called the meeting to order at 3:01 p.m.

### **Item 2: Roll Call**

#### Trustees in Attendance

Mike Schrock, Ankeny\*  
John Edwards, Clive  
Diane Munns, Des Moines Water Works  
Susan Huppert, Des Moines Water Works  
Bryan Burkhardt, Grimes\*  
Alex Pfaltzgraff, Johnston\*  
George Meinecke, Norwalk  
Nick Otis, Polk City  
John McCune, Urbandale Water Utility\*  
Carol Butler Freeman, Warren Water District  
Jody Smith, West Des Moines Water Works  
Dan Lovett, Xenia

#### Others in Attendance

Pete De Kock, Clive  
Amy Kahler, Des Moines Water Works  
Ted Corrigan, Des Moines Water Works  
Tom Cope, Johnston\*  
Andy Fish, Warren Water District

Scott Brennan, West Des Moines Water Works\*  
Royce Hammitt, Xenia  
Kyle Danley, Des Moines Water Works  
Tami Madsen, Central Iowa Water Works  
Dustin Delvaux, Central Iowa Water Works  
Neal Westin, Nyemaster Goode, P.C.  
Jamie Buelt, En Q Strategies  
Melissa Walker, Des Moines Water Works  
Ryan Currell, Wixted  
Lyle Hammes, West Des Moines Water Works  
Christina Murphy, West Des Moines Water Works  
Michael Heckle, KCCI\*  
Matthew Jacob, Urbandale Water Utility\*  
Ryan Nicholson\*  
Shawn Gaddie, AE2S\*  
Michael Crumb, Des Moines Business Record\*  
Dustin Schultz, AE2S\*  
Matt Stoffel, PFM

\*Attended remotely

**Item 3: Approving Agenda, as presented or amended.**

John Edwards moved to approve the agenda as presented; seconded by Nick Otis. The motion was adopted by unanimous voice vote.

**Item 4: Public Comment (Please state name, address, and limit comments to five minutes)**

Written public comment was provided by Dan Manning regarding the property 4500 SE Army Post Road, West Des Moines.

**Item 5: Public Hearings and Related Actions**

- A. Public Hearing – License Agreement for the Right to Farm Real Estate Owned by Central Iowa Water Works

There were no comments from the public. Chair Smith closed the public hearing.

- B. John Edwards moved to approve a resolution – License Agreements for the Right to Farm Real Estate Owned by Central Iowa Water Works; seconded by George Meinecke. The motion was passed by unanimous voice vote.

**Item 6: Consent Agenda (Note: These are routine items and will be enacted with one vote without separate discussion unless someone, Board or Public, requests an item to be removed and considered separately)**

John Edwards moved to approve the consent agenda; seconded by Susan Huppert. The motion to approve all consent agenda items was adopted by unanimous voice vote.

- A. Motion – Approve the Minutes from February 25, 2026, CIWW Board Meeting as published, subject to correction, as recommended by the Board Clerk
- B. Motion – Receive and File Final Minutes from February 11, 2026, Technical Committee Meeting
- C. Motion – Receive Draft Minutes from March 11, 2026, Technical Committee Meeting
- D. Motion – Receive and File Final Minutes from January 22, 2026, Finance and Audit Meeting
- E. Motion – Receive and File Final Minutes from February 17, 2026, Executive Committee Meeting
- F. Motion – Receive and File February Financial Summary and Approve February Expenditures
- G. Motion – Receive and File CIWW February 2026 Revenue and Usage Summary

**Item 7: Board Action Items**

- A. John McCune moved to approve the resolution – Approve Updated I-2-A (Historic Annual Finished Water Requirements) and I-2-B (Five-Year Average Maximum Day Demand); seconded by Diane Munns. The resolution was adopted by unanimous voice vote.
- B. Nick Otis moved to approve the resolution – Review and Approve Depositories and Increase Amount on Deposit for Central Iowa Water Works; seconded by John McCune. The resolution was adopted by unanimous voice vote.
- C. Diane Munns moved to approve to Authorize Executive Director to Execute an Agreement not to exceed \$295,000 for West Plant Test Well Drilling Services, Subject to Review by CIWW Legal Counsel; seconded by Carol Butler Freeman. The motion passed by unanimous voice vote.
- D. Susan Huppert moved to Approve Task Order 2026-1 AE2S General Engineering and Program Management; seconded by John Edwards. The motion passed by unanimous voice vote.
- E. George Meinecke moved to Approve Task Order 2025-3 Owner’s Representative Services; seconded by John McCune. The motion passed by unanimous voice vote.
- F. Susan Huppert moved to Approve Task Order - Smart Water Pilot Program Study; seconded by Nick Otis. The motion passed by unanimous voice vote.
- G. John Edwards moved to approve resolution - Approve Amendment to Employment Agreement; seconded by George Meinecke. The resolution was adopted by unanimous voice vote.

**Item 8: Information Items**

- A. Executive Director Comments

- 1. After-Action Review Update

Tami Madsen provided an update on the after-action review. After the February CIWW Board of Trustees meeting a red-lined version of the Water Shortage Plan was

provided to over seventy-two stakeholders with feedback requested by March 13, 2026. Five stakeholders provided comments.

As requested, the City Managers and Administrators were provided with model language guidelines and sample ordinance language to support enforcement of the Water Use Plan.

Additionally, Emergency Management, at CIWW's request, hosted a Communications and Coordination Workshop to establish Joint Information Center (JIC) framework. A draft of the framework will be provided to the board.

## 2. Legislative Update

Dentons continues to support CIWW by coordinating with state and federal legislators to pursue funding opportunities for nitrate-resilient water treatment infrastructure and technology, scheduling meetings with gubernatorial candidates to highlight CIWW, and developing recommendations for a work plan to guide continued engagement and strategy development.

Tami Madsen provided a brief overview of legislative items of interest for CIWW, including those that remain active through the funnel and those that did not advance.

## 3. Project Reports

Tami Madsen advised the Trustees of the collaborative effort by member agencies and those managing the SRF projects to develop a standardized Project Progress Report to support consistent updates to Trustees and elected officials. Each report includes a project summary, budget and CIWW 10-year CIP impacts, scope of services variances and any corrective actions, schedule impacts, and a tentative project timeline.

## 4. Capacity Allocation Update

Shawn Gaddie provided background information and outlined the timeline for the development of the allocation alternatives, including the small working group's recommendation of Alternative One to the Trustees.

Discussion followed regarding Alternative One, including its inclusion of a 15% buffer capacity and the importance of maintaining that buffer. The recommended allocation provides all member agencies with a 15% buffer through a future planning horizon. The Water Producing Member Agencies noted that treatment plants cannot operate at 100% capacity continuously, and that buffer capacity is necessary to support the system during maintenance, outages, and unexpected issues, ensuring reliable and consistent operations.

The City of Johnston expressed concerns regarding whether Alternative One represents the best solution for the system as a whole. Specifically, it was noted that under this alternative, Johnston would begin operating within its buffer capacity as early as 2030, raising questions about how production anomalies would be managed.

Chair Smith commented on the effectiveness of the subcommittee’s work with AE2S in developing and evaluating the alternatives.

**B. Contract Operator Updates**

Amy Kahler reported that Des Moines Water Works submitted comments on the 2026 Draft Impaired Waters List. She also provided an operational update, noting higher water demand compared to the last winter operation of the nitrate removal facility in 2015, earlier-than-typical increases in nitrate levels, and that Maffitt Reservoir levels are currently below typical conditions for this time of year. Additionally, she informed the Trustees of an issue at the nitrate removal facility that was identified and resolved promptly.

**C. Board Committee Reports**

**1. Executive Committee**

Chair Smith reported on draft updates to the Bylaws, which were included in the meeting packet, with the intent of bringing them forward for formal consideration and approval at the April CIWW Board of Trustees meeting. He also discussed potential revisions to the 28E/28F Agreement and provided an update on the West Plant land acquisition, noting that an additional appraisal will be required.

**2. Technical Committee**

Kyle Danley provided a report highlighting key discussions and outcomes from the Technical Committee meeting.

**3. Finance and Audit Committee**

George Meinecke advised the board that the committee reviewed the RFPs for the Municipal Advisory Services.

**4. Water Usage Best Practices Committee**

Diane Munns provided an update on the Aqualytics Smart Watering Pilot program.

**5. Long-Range Planning Committee**

Lyle Hammes advised the Board that the committee did not meet in March but is scheduled to meet in April, at which time the producing agencies will present their Capital Improvement Plans, including the CIP for expansion projects.

**Item 9: Other Business**

No other business.

**Adjournment**

Chair Smith adjourned the meeting at 4:59 p.m.

<b>Upcoming CIWW Activities</b>			
<u>Meeting</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>

Board Workshop	April 2, 2026	2:00 p.m.	3 Fountains Edgewater Building, Suite 134
Technical Committee	April 8, 2026	1:00 p.m.	DMWW Board Room
Long Range Planning Committee	April 8, 2026	Following the Technical Committee Meeting	DMWW Board Room
Executive Committee	April 16, 2026	12:00 p.m.	Central Iowa Water Works
Finance & Audit Committee	April 16, 2026	8:00 a.m.	Central Iowa Water Works
Board of Trustees	April 22, 2026	3:00 p.m.	3 Fountains Edgewater Building, Suite 134

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## Minutes

Board of Trustees Workshop  
Central Iowa Water Works  
April 2, 2026  
3 Fountains Edgewater Building  
4200 University Avenue, Suite 134  
West Des Moines, IA 50266  
2:00 p.m.

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### **Item 1: Call to Order**

Chair Jody Smith called the meeting to order at 2:01 p.m.

### **Item 2: Roll Call**

#### Trustees in Attendance

Mike Schrock, Ankeny  
John Edwards, Clive  
Diane Munns, Des Moines Water Works  
Susan Huppert, Des Moines Water Works  
Tom Cope, Johnston (entered at 2:03 p.m.)  
Alex Pfaltzgraff, Grimes  
George Meinecke, Norwalk  
Nick Otis, Polk City\*  
John McCune, Urbandale Water Utility\*  
Carol Butler Freeman, Warren Water District  
Courtney Clarke, Waukee  
Jody Smith, West Des Moines Water Works  
Royce Hammitt, Xenia

#### Others in Attendance

Pete De Kock, Clive  
Amy Kahler, Des Moines Water Works  
Ted Corrigan, Des Moines Water Works  
Neil Weiss, Urbandale Water Utility

Andy Fish, Warren Water District  
Lyle Hammes, West Des Moines Water Works  
Kyle Danley, Des Moines Water Works  
Brent Bogar, AE2S  
Shawn Gaddie, AE2S  
Dustin Schultz, AE2S  
Melissa Walker, Des Moines Water Works  
Matt Stoffel, PFM  
Christina Murphy, West Des Moines Water Works  
Tami Madsen, Central Iowa Water Works  
Dustin Delvaux, Central Iowa Water Works

### **Item 3: Capacity Planning with Projections**

Tami Madsen opened the workshop by introducing four workshop topics: discussing future water demand projections, the process and timing of capacity expansions, the current schedule for expansions as outlined in the Long Range Plan and CIP, and considerations for updates to the Long Range Plan.

Shawn Gaddie, of AE2S, presented on future water demand for the region. He noted that in 2025, AE2S compiled and analyzed projected water demand data submitted by member agencies and compared it to 2024 data. Overall, projections for population growth and per capita demand remained consistent; however, updated projections indicated reductions in both demand peaking factors and peak day demand.

Kyle Danley and Lyle Hammes provided an overview of timelines associated with constructing water treatment plants. The McMullen Water Treatment Plant, conceptualized in 1994 and operational by spring 2000, was completed in approximately six years—an expedited timeline attributed to existing land ownership and the ability to complete project components concurrently. The Saylorville Water Treatment Plant, initiated in 2002 and completed in 2011, followed a more typical nine-year timeline. Mr. Hammes also shared his experience with the Ames Water Treatment Plant, which began in 2007 and was completed in 2017. This project did not require new source wells and was connected to an existing facility. It was noted that new water treatment plant projects generally take between seven and ten years to complete.

Dustin Schultz presented the current schedule for capacity expansions, providing estimated timelines for upcoming water treatment plant projects. He also compared member agency demand projections with planned expansions to illustrate when additional capacity is expected to come online relative to projected system demand.

Tami Madsen reviewed the long-range plan requirements outlined in the 28E Agreement, highlighting key components including water demand trends, timing of treatment capacity expansions, core transmission network improvements, and source water supply planning.

The Board of Trustees discussed the importance of balancing long-range planning with financial considerations and the cost of infrastructure development. Additional discussion focused on the

timing of plant construction and expansions to avoid significantly outpacing demand. Trustees also noted the role of water conservation strategies in helping to manage demand and potentially delay the need for new infrastructure.

The general consensus of the Board was to advance conservation efforts, continue collecting and refining water use data to support further analysis, proceed with long-lead activities such as land acquisition, permitting, and source water evaluation, and continue monitoring regional water demand trends.

### **Adjournment**

Chair Smith adjourned the meeting at 3:53 p.m.

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# **Water Demand Projections and Capacity Planning**

## **Board of Trustees Workshop**

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April 2, 2026



# **Workshop Topics**

1. Future Water Demand Projections – Recap December 2025 Update
2. Process and Timing of Capacity Expansions
3. Current Schedule for Expansions – Long Range Plan and CIP Review
4. Long Range Planning Update Considerations
5. Board Discussion and Next Steps



# **1. Future Water Demand Projections (2025 Update)**

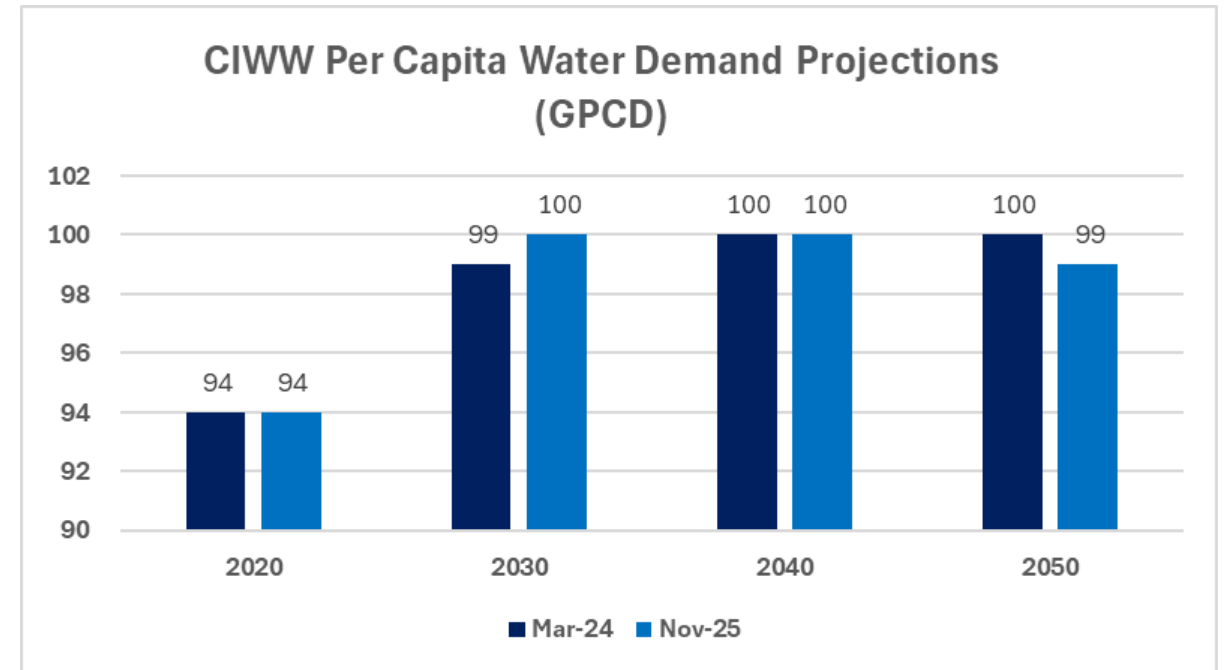
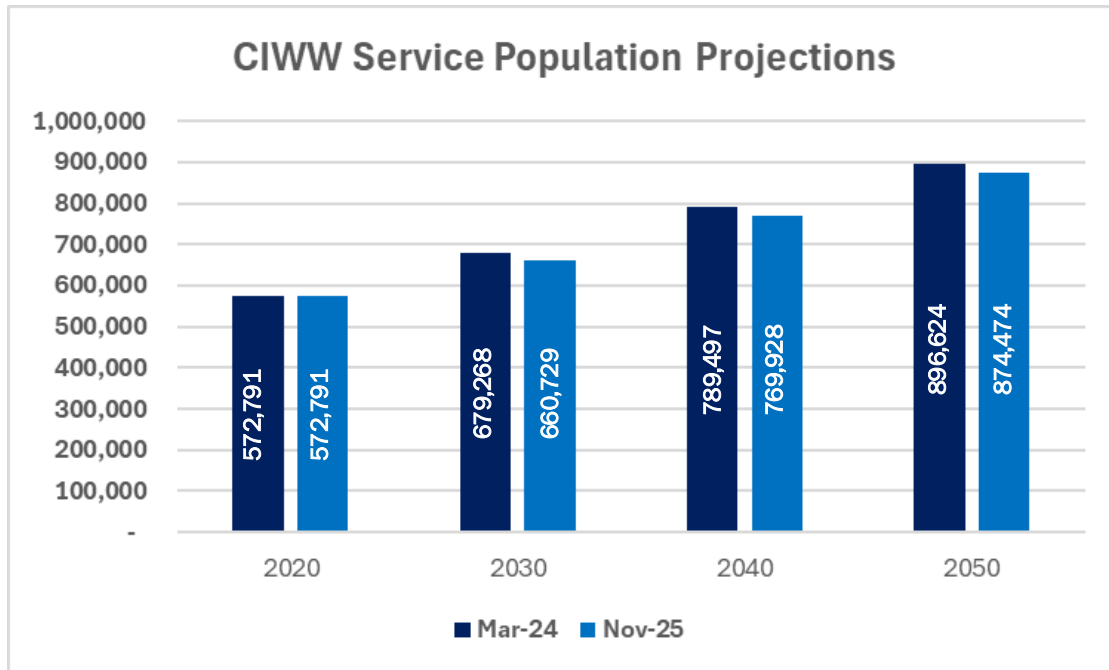
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# Updated Water Demand Projections

- **Water Demand Projections Update – Member Provided Data:**
  - Population Projections
  - Per Capita Demands
  - Peaking Factors
  - Industrial Reserves
  - ASR Availability
- **All updated projections performed with a consistent 15% Buffer Capacity Requirement**



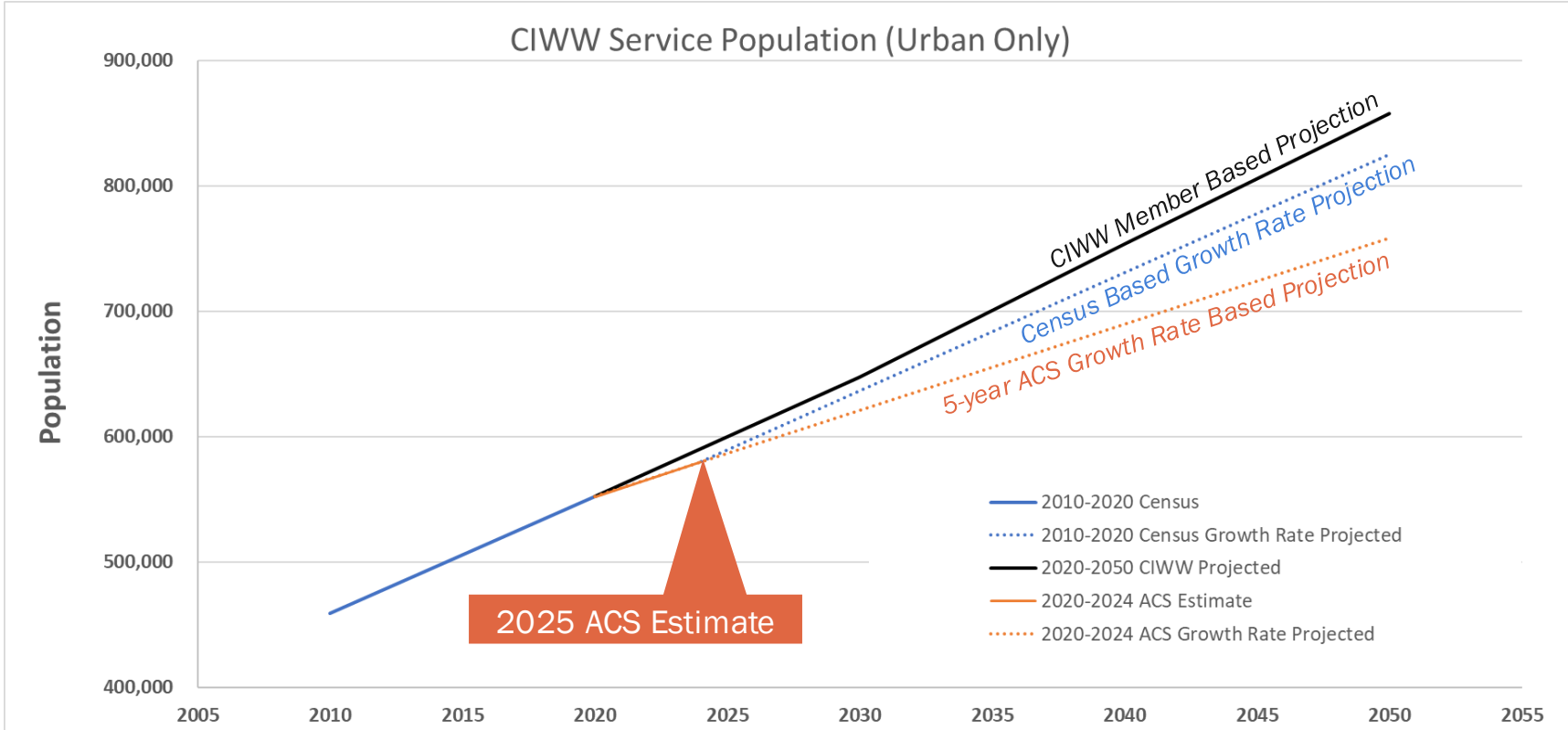
# Updated Water Demand Projections



GPCD = Gallons Per Capita per Day



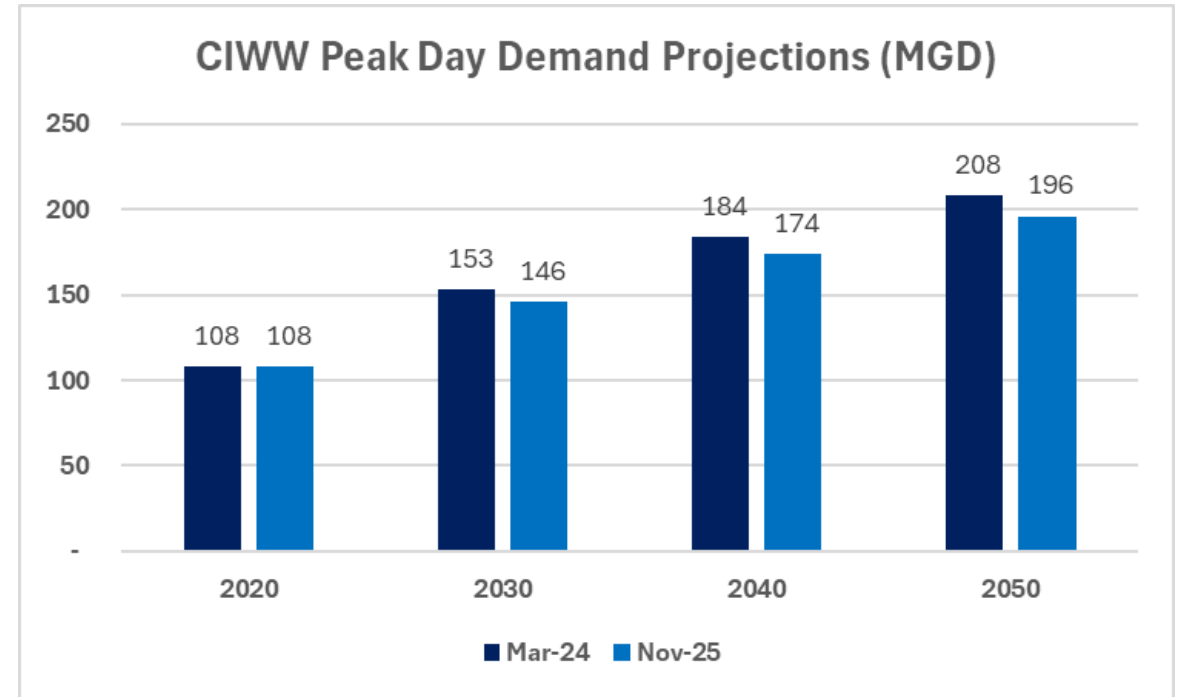
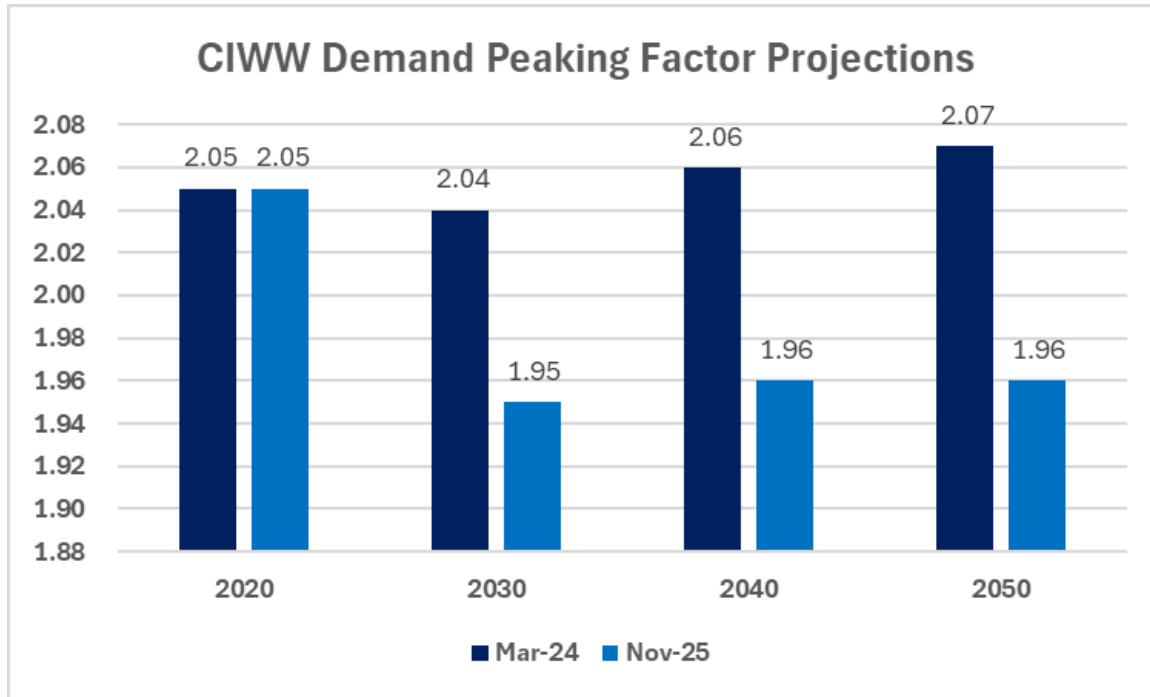
# Population Projections – How Are We Tracking?



**“Des Moines remains the fastest growing major metro in the Midwest”**

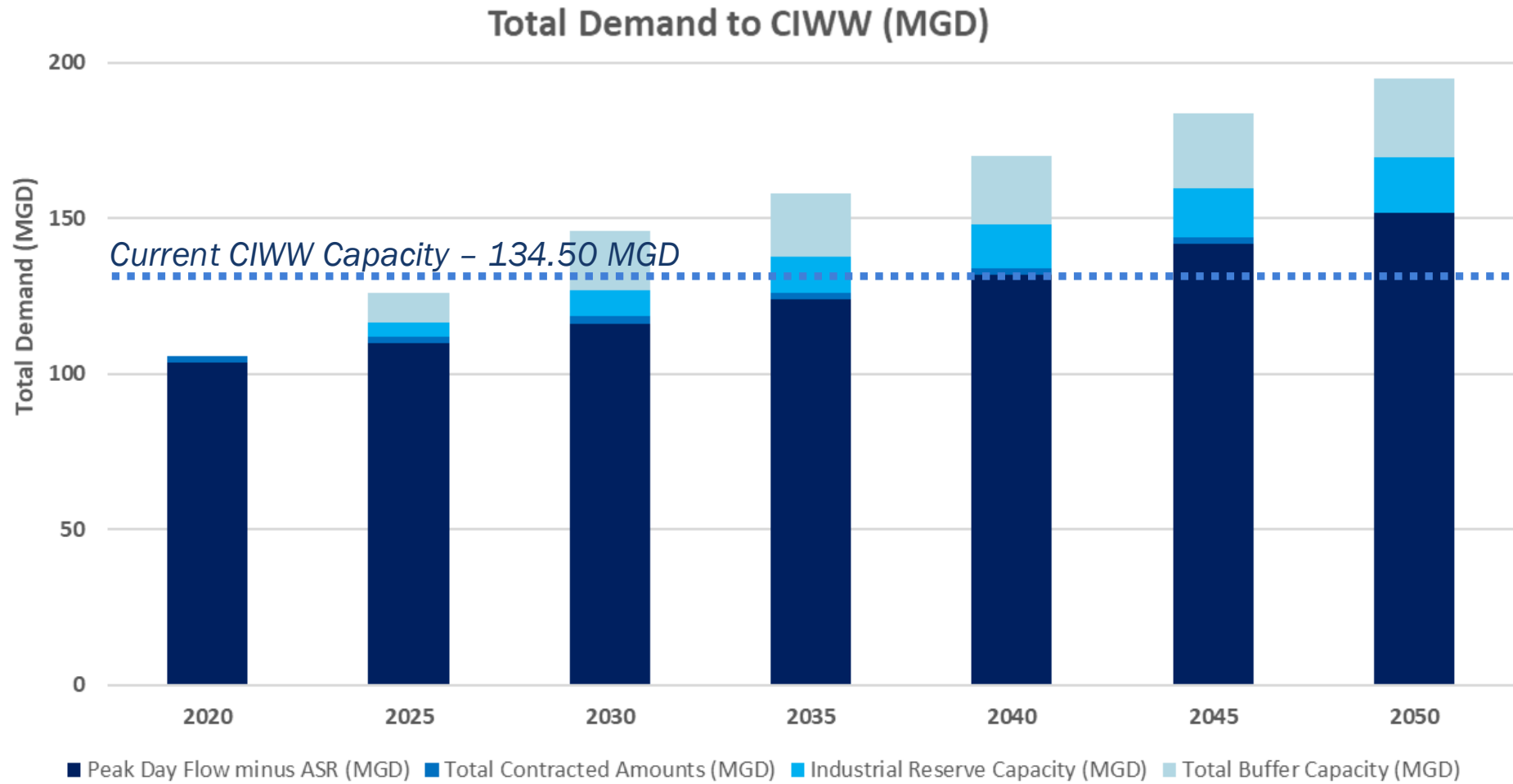
– *Des Moines Register*  
March 26, 2026

# Updated Water Demand Projections



# Updated Water Demand Projections

*Base Demands / Industrial Needs / Buffer Requirements*



# **Updated Water Demand Projections – Summary Takeaways**

- **Population Projections** – Combined Member reductions of approximately 2.5% by 2050
- **Per Capita Water Demands** – Consistent with previous projections
- **Peak Day Demand Factor** – Reduced by over 5% by 2050
- **Projected Peak Day Demand** – Down nearly 6% by 2040 compared to previous



# Updated Water Demand Projections – Observations

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## Population Projections:

- Most Member projections were relatively consistent to slightly lower than previous projection.

## Per Capita Water Demands:

- Changes were varied amongst the Members – some slightly down or up, some reduced or increased significantly.

## Peak Day Demand Factor:

- Some Member future peaking factor reductions were significant – reduced nearly 30% in some instances.

## Projected Peak Day Demand:

- Majority of Members (9 of 12) showed reduced peaking factors which is driving down future peak day demand projections.

## ASR Availability:

- Some members also showed ASR availability that differs from 28E/28F Agreement.  
(Unapproved ASRs removed from projection calculations)



## **2. Process and Timing of Capacity Expansions**

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# Capacity Expansion Example

## McMullen WTP - 25 MGD (6-years)



- Conceptual Plan 1994
- Modified Water Withdraw Permit 1995
- Source Water Testing 1995
- Treatment Plant Design 1995-1998
- Treatment Plant Construction 1997-2000
- 20.3 miles of Transmission Lines installed in 4 contracts 1996-2000
- Horizontal Well 1997-1998
- 6 Radial Collector Wells
- Riverbank Protection
- 10.8 Miles of Fiber Optic Cable
- Treatment Plant On-line Spring 2000

# Capacity Expansion Example

## Saylorville WTP – 10 MGD (9-years)

- Hire Project Manager - 2002
- Membrane Pilot Testing - 2003
- Purchase of Land – 2004
- Source Water Study
- Purchase Membranes
- Easements with USACE
- Raw Water Transmission Lines - 2009
- 5.4 Miles of Transmission Mains in 2 Contracts – 2007
- 11.2 miles of Fiber Optic Cable in 2 Contracts
- 2 Radial Collector Wells
- Treatment Plant On-line - 2011



# Capacity Expansion Example

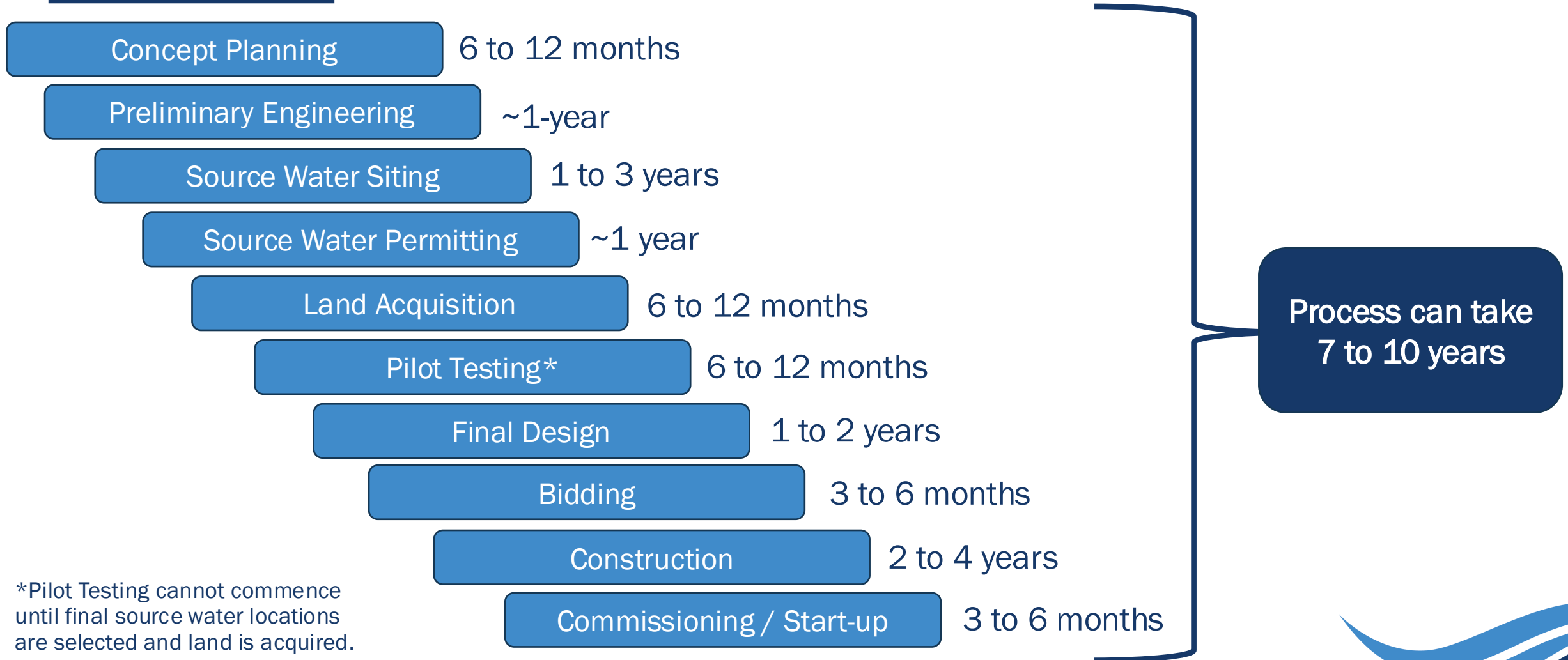
## Ames WTP – 15 MGD (10-years)

- July 2007: Record water demand
- Late 2007: Hired engineers to do Plant Capacity & Condition Assessment
- 2009: Among four options, Council chose new lime softening plant
- 2009: “Pre-design” phase begins. Scope of work:
  - New 15 MGD plant with interconnecting piping between plants
  - No new source water wells
- Late 2011: Land acquisition issue resolved
- 2012-2014: Final design phase
- Sept 2014: Two contracts bid. Overall project ~\$75 million
- Nov 2014: Break ground
- Mid 2017: Plant testing & disinfection
- July 27, 2017: Plant produced water. Controls finished late that year.



# The Process of Major Capacity Expansion

## Key Steps and Common Time Needed



\*Pilot Testing cannot commence until final source water locations are selected and land is acquired.



# **3. Current Schedule for Capacity Expansions**

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# CIWW Projected Capacity Availability (MGD)

Expansion	Projected Capacity Availability Timeframe*	Expansion Capacity (MGD)	CIWW Total Capacity (MGD)
Current Capacity	2026	-	134.5
Saylorville	2029	10.0	144.5
Grimes	2030-2031	3.3	147.8
West	2032-2033	12.0	159.8
Saylorville II	2039	25.0	184.8
Saylorville III	2045	25.0	209.8

\*Per current completion estimate timeframes, CIWW CIP, and December 2024 HDR CIWW Regional Water Treatment Facility Study

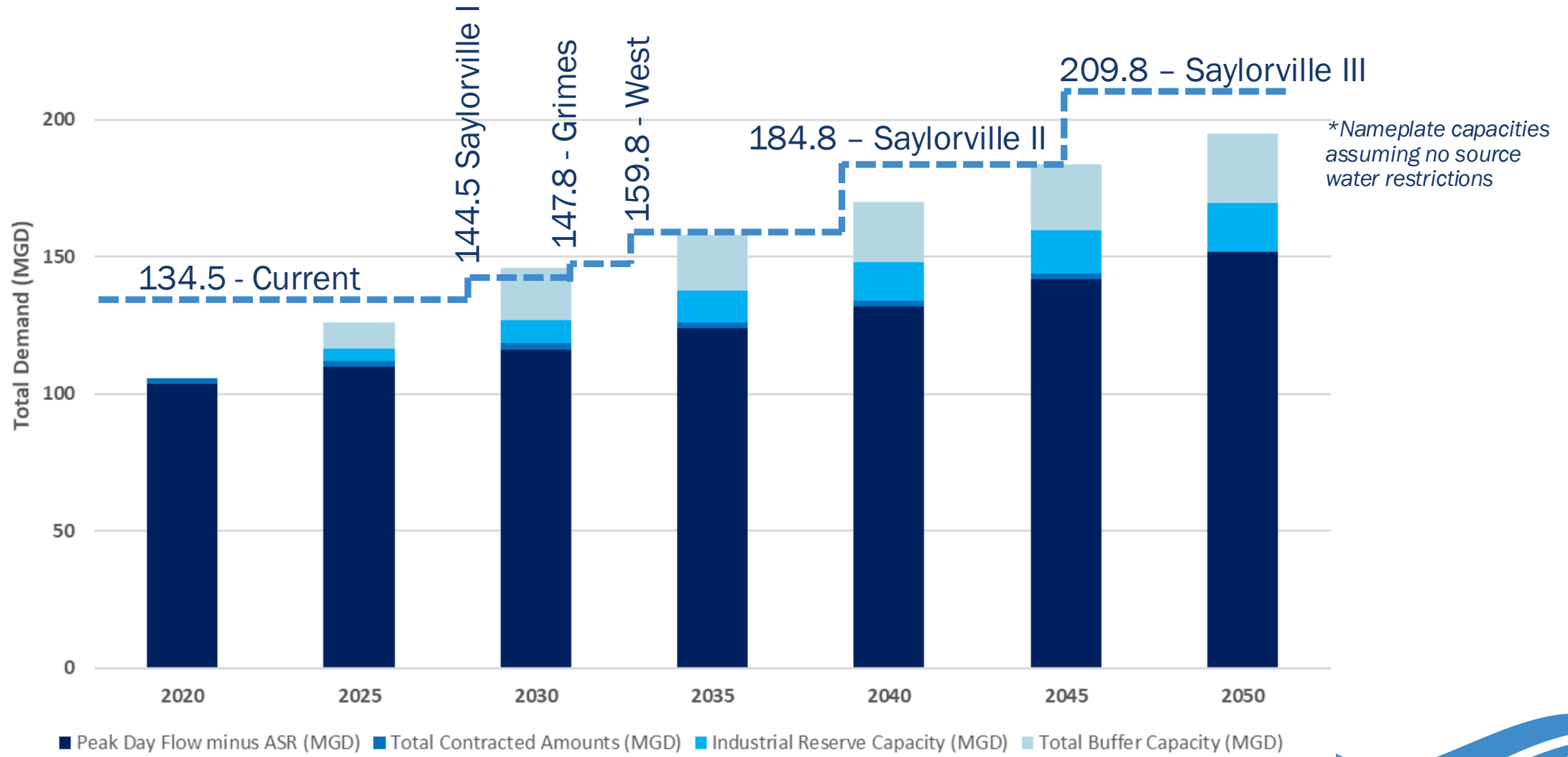
# **Recent Member Capacity Requests**

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- Total Member requests significantly exceeded projected capacity available from West and Grimes Expansions
- ‘High’ Member requests totaled nearly 30 MGD, approximately doubling the total West/Grimes planned expansion of 15.3 MGD



# Member Projections vs. Planned Expansions



# Capacity Expansion and Core Network Transmission

## Current Planned CIP Timing and Cost – Beyond West and Grimes Expansions

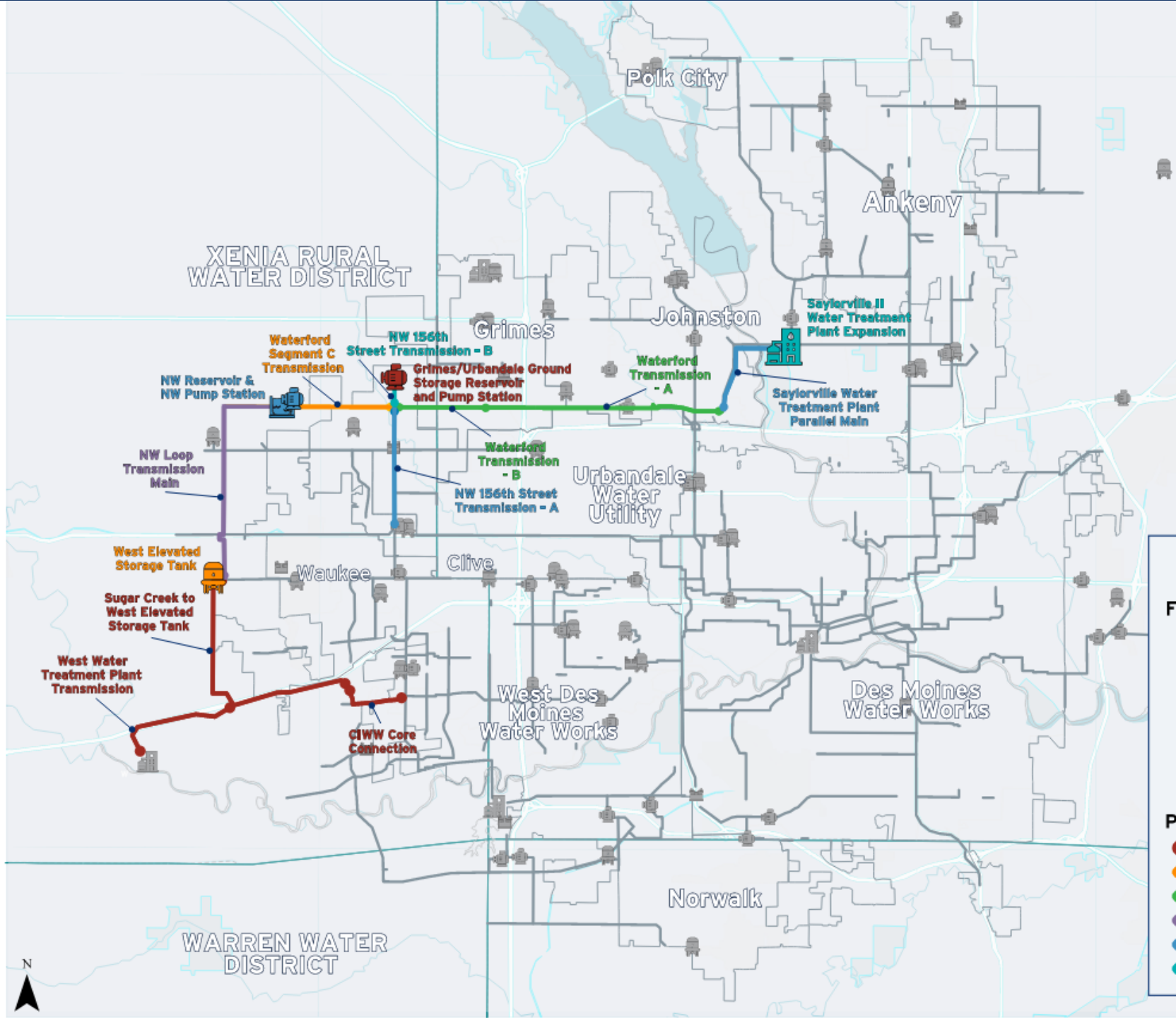
Expansion	Implementation Dates	Expansion Cost* (\$M)	Notes / Purpose
Saylorville II WTP Expansion	2031-2039	\$568.1	<i>Next 25 MGD Expansion beyond Grimes/West</i>
Waterford Transmission - A	2032-2033	\$98.1	<i>Saylorville I / West / Grimes Expansion – Backbone Transmission</i>
Waterford Transmission - B	2032-2033	\$36.7	<i>Saylorville I / West / Grimes Expansion – Backbone Transmission</i>
NW 156 <sup>th</sup> Street Transmission - A	2033-2035	\$32.1	<i>Saylorville I / West / Grimes Expansion – Backbone Transmission</i>
NW 156 <sup>th</sup> Street Transmission - B	2034-2035	\$3.8	<i>Saylorville I / West / Grimes Expansion – Backbone Transmission</i>
Waterford Segment C Transmission	2031-2033	\$26.7	<i>Saylorville II Expansion - Core Network Interconnection</i>
NW Loop Transmission Main	2032-2034	\$51.1	<i>Saylorville II Expansion - Core Network Interconnection</i>
SWTP Parallel Main	2033-2035	\$53.0	<i>Saylorville II Expansion - Core Network Interconnection</i>
Reservoir and Pump Station	2032-2035	\$59.4	<i>Saylorville II Expansion - Core Network Interconnection</i>
<b>Total</b>		<b>\$929</b>	

\*All expansion costs indexed forward to projected year of implementation



CENTRAL IOWA WATER WORKS

# Current Long Range Plan Expansion Projects Beyond West / Grimes Expansions



### Legend

**Facility Improvement**

- 2028 Pump Station
- 2030 Pump Station
- 2030 Elevated Storage Tank
- 2035 Pump Station
- 2032-2035 Reservoir and Pump Station
- 2031-2039 Water Treatment Plant

**Pipe Improvements**

- 2028
- 2031-2033
- 2032-2033
- 2032-2034
- 2033-2035
- 2034-2035

Draft 4/2/26

# 4. Long Range Planning Update Considerations

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# **Long Range Plan – 28E/28F Requirements**

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- **Planning Horizon – Minimum of 10-years**
- **LRP shall account for all factors of CIWW Mission:**
  - Source water availability and quality
  - Trends affecting source water supplies and allocations, including climate change
  - Water treatment capacities and requirements
  - Any other factors affecting safe and sufficient drinking water supplies
  - Ability to address all of the above at a reasonable cost
- **LRP shall be update no less frequently than every 5 years**
- **28E/28F requires Member participation in LRP and approval/certification that their individual needs are being addressed**

# **LRP Update – Key Items to Address**

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- Water Demands and Trends
- Treatment Capacity Expansion Timing
- Core Network Transmission Improvements/Timing
- Source Water Supply Challenges and Planning
- Potential Additions to LRP:
  - CIWW ASR Expansions
  - Demand Side Planning and Management
  - Water Reuse Potential



# **LRP Update – Proposed Process and Timing**

- Take time to do it right – 12 to 18-month process for near-term items
- Focus on Near-term vs. Long-term Priorities:
  - Water Availability / Quality from Existing Plants
  - Plant Expansion and Transmission Timing
  - Long-term trends – water usage and best practices



# 5. Board Discussion and Next Steps

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## Minutes

Technical Committee  
Central Iowa Water Works  
March 11, 2026  
Des Moines Water Works Board Room  
2201 George Flagg Parkway  
Des Moines, Iowa  
1:00 p.m.

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### ITEM 1. Call to Order

Chair Kyle Danley called the meeting to order at 1:02 p.m.

### ITEM 2. Introductions

Present: Don Clark (Ankeny), Jerry Freestone (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston) (entered at 1:06 p.m.), Kevin Hensley\* (Grimes), Wayne Schwartz\* (Norwalk), Randy Franzen (Polk City), Neil Weiss (UWU), Andy Fish (WWD), Tim Royer (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia), Lindsey Wanderscheid (DMWW), Shane Kinsey\* (Johnston), Joe Ballard\* (Norwalk), Matt Van Wyk (WWD), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Amy Kahler (DMWW), Daria Dilparic (WDMWW), Derek Gardels (Aqualytics), Jenny Ruddy\* (Strand), Lyle Hammes\* (WDMWW), Dustin Schultz\* (AE2S), Shawn Gaddie\* (AE2S), Matt Stoffel\* (PFM)

\*Attended remotely

### ITEM 3. Approve Minutes for February 11, 2026 – Approval

The committee approved minutes for February 11, 2026, Technical Committee meeting by unanimous voice vote.

### ITEM 4. Aqualytics Presentation

Derek Gardels presented Innovative Solutions for Peak Demand Management. There are three components to demand side management: peak shaving, load shifting, conservation. The study focused on managing peak demand through lawn irrigation with smart controllers that contribute to all three types of demand management. Although the study conducted was limited, it provided positive results indicating the study could be expanded.

ITEM 5. AE2S Task Order 2026-1 General Engineering and Program Management - Recommendation

Tami Madsen advised the committee of the \$200,000 budgeted amount for CIWW's primary engineering consultant, AE2S. The task order contains general engineering tasks along with other items requested by the board and long-range planning support. Specific tasks included are continued evaluation of member demand projections beyond the West Plant and Grimes allocations; Capital Improvement Plan compilation and adoption, as outlined in the 28E; refinement and implementation of standard front-end specifications; financial and cash flow funding coordination; June and September project list review for IUP; and coordinated development of CIWW budget book.

Don Clark moved to recommend Task Order 2026-1 to the CIWW Board of Trustees; seconded by Andy Fish. Approved by unanimous voice vote.

ITEM 6. Water Shortage Plan – Update

Tami Madsen advised that she has received various comments with differing suggestions.

The committee discussed moving the proposed Stage 1 about educating and messaging aiming for a 25% in water use reduction to Stage 0. One key component is that Stage 4 may be mentioned in the 28E and might need to remain in the Water Shortage Plan.

The committee discussed enforcement during Stages 3 and 4, noting that each member agency is responsible for enforcement with its own customers. City managers requested development of a model code; however, implementation varies among member agencies, including cities, water utilities, and rural agencies. Nyemaster has developed guidelines for a model code and provided them to city managers.

ITEM 7. Schedule I-2-A and I-2-B – Approval

Tami Madsen informed the committee that after last meeting and before Board of Trustees meeting, DMWW notified CIWW of calculation error.

Amy Kahler informed the committee of a calculation error that resulted in a \$71,000 overpayment by DMWW to CIWW in 2025. CIWW has agreed to correct the billing for this error. This calculation affects Schedule I-2-A, requiring the Technical Committee to reapprove the schedule and recommend it to the Board for adoption by resolution.

Tim Royer made a motion to approve the modifiable board schedules I-2-A and I-2-B and forward these on to the Board of Trustees; seconded by Matt Greiner. Kyle Danley abstained from the vote. The schedules were approved by voice vote.

ITEM 8. West Plant – Update

Christina Murphy stated the design team is continuing to have biweekly meetings. The design

team recommends engaging HDR to perform necessary modeling to determine pumping criteria from the plant and to evaluate core network connection points. The Stage I Environmental Assessment is moving forward with Terracon for the four sites discussed previously for the location of the West Plant.

- West Plant Test Well Drilling Contract Not to Exceed Request – Recommendation

Jenny Ruddy, of Strand Associates, provided information related to necessary test wells at the West Plant well field location. Four qualified contractors were contacted to provide quotes for test wells in order to identify where to site wells for the West Plant. Two quotes have been received and a third is expected. The quotes received were higher than expected. Strand is reassessing the project scope and has requested revisions; no responses to the updated scope have been received to date.

Because this is a critical path item, Tami Madsen requested a recommendation to the Board of Trustees to authorize an agreement not to exceed \$295,000 for West Plant Test Well Drilling services.

Andy Fish made a recommendation to take the West Plant Test Well Drilling Contract to the Board of Trustees with a Not to Exceed of \$295,000; seconded by Don Clark. Approved by unanimous vote.

- Task Order 2025-3 Owner’s Representative Services – Recommendation

Tami Madsen advised the committee of Task Order 2025-3 for the West Plant. There have already been modifications based on feedback: added more defined language that this Task Order is not solely for West Plant but includes other similarly funded SRF expansion projects and added wording that tasks are only performed after receiving permission from the Executive Director or Board of Trustees. This Task Order allows CIWW to bill the appropriate project participants for work that is completed. SRF projects are funded on the expansion allocation methodology and to the participating members differently than general O&M type tasks.

Andy Fish made a recommendation to take Task Order 2025-3 to the Board of Trustees for approval; seconded by Don Clark. Approved by unanimous voice vote.

#### ITEM 9. Grimes Plant Expansion – Update

Tami Madsen informed the committee of the Grimes Plant Expansion updates starting with the Grimes Open House on February 25, 2026, which had attendance of around 25-30 people. Some participants included the IDNR, IFA, elected officials, and regional stakeholders. The water use permit application for the Grimes Expansion project has been submitted to the IDNR. The connection point between Grimes and Urbandale is still under review and has undergone modeling. The Grimes project team met to discuss the Raw Water Supply Evaluation, the Primary Disinfection Evaluation, and various other components of the project.

ITEM 10. Saylorville Plant – Update\*

Lindsey Wanderscheid advised that the Phase II Environmental Site Assessment is starting next week. They have completed about 30% design. The yield assessments were performed since the previous meeting and the results provided showed firm capacity of 27.6 during summer and 22.7 in winter. They have reviewed submittals from Wigen for RO and UF.

ITEM 11. Projects Updates – Discussion

- Polk City – no updates
- Grimes – no updates
- West Des Moines Water Works

Daria Dilparic informed the committee that the high service pump 3 vibration issue is resolved, and they are now moving to high service pump 5. The AC Ward Facility Repairs passed 60% design phase completion. They received the reports on hazardous materials and will begin evaluating the results. WDMWW has received quotes for the 98<sup>th</sup> St Tower Mixer and will discuss with Clive, Waukee and DMWW. CIWW approved the test drilling contract with Northway for the Alluvial Wells which will begin this week.

- Des Moines Water Works

Lindsey Wanderscheid advised the committee of the Fluoride Room Improvements. The schematic design is complete. They will be replacing tanks and pumps in addition to performing structural modifications. The estimated cost is \$1.0M. The PSA for design was awarded to Strand at \$179k.

ITEM 12. Operations Updates – Information

- Polk City
- Grimes
- West Des Moines Water Works

Daria Dilparic advised that WDMWW's raw meter replacement switch. They will be replacing the High Service Pump pressure reducing valve this week. Solids contact unit Number 1 is still out of operation and they are moving forward with obtaining quotes.

- Des Moines Water Works

Kyle Danley provided updates on the water treatment plants. At the Fleur Water Treatment Plant, CO<sub>2</sub> feed system repairs and treatment basin rechaining are underway. The McMullen Water Treatment Plant requires cleaning of grit separators. DMWW will install a second temporary ASR injection tube to continue ASR operations. Delays in repairing the ASR have caused a injections to become behind, with one component still pending to complete repairs. At the Saylorville Water Treatment Plant, UF 3 is undergoing coating repairs, and the RO/UF blending valves are being repaired.

Nitrate levels upstream are elevated, with concentrations in the Raccoon River unusually high for this time of year. As a result, DMWW is drawing on water typically reserved for later in the season, which could reduce backup resources below normal levels.

ITEM 13. CIWW Update

- Stuart Utilities District

Tami Madsen advised that Stuart Utilities District (SUD) approached CIWW and Xenia to purchase water from them. CIWW declined the offer to purchase water from SUD at this time.

- CIP Update

There will be a Long-Range Planning meeting in April.

ITEM 14. Pumpage and Revenue Summary – Information

The pumpage and revenue summary was unavailable in time for the meeting.

ITEM 15. Other Business

- April Long-Range Planning Committee Meeting will be held following the Technical Committee Meeting

ITEM 16. Adjourn

Don Clark moved to adjourn; seconded by Andy Fish. Chair Danley adjourned the meeting at 3:10 p.m.

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## Minutes

Technical Committee  
Central Iowa Water Works  
April 8, 2026  
Des Moines Water Works Board Room  
2201 George Flagg Parkway  
Des Moines, Iowa  
1:00 p.m.

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ITEM 1. Call to Order

Chair Kyle Danley called the meeting to order at 1:00 p.m.

ITEM 2. Introductions

Shawn Buckner (Ankeny), Jeff May (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston), Matt Ahrens (Grimes), Wayne Schwartz (Norwalk), Randy Franzen (Polk City)\*, Neill Weiss (UWU), Andy Fish (WWD), Rudy Koester (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia), Lindsey Wanderscheid (DMWW), Shane Kinsey (Johnston)\*, Joe Ballard (Norwalk), Matthew Jacob (UWU), Matt Van Wyk (WWD)\*, Tim Royer (Waukee), Lyle Hammes (WDMWW), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Amy Kahler (DMWW), Daria Dilparic (WDMWW), Matt Stoffel (PFM)\*, Dustin Schultz (AE2S)\*, Shawn Gaddie (AE2S)\*, Darrin Hager (HNTB)

ITEM 3. Approve Minutes for March 11, 2026 – Approval

Royce Hammitt moved to approve the minutes; seconded by Neil Weiss. The committee approved minutes for March 11, 2026, Technical Committee meeting by unanimous voice vote.

ITEM 4. Water Shortage Plan – Update

Tami Madsen informed the committee that CIWW is in the process of updating its website to meet ADA compliance requirements. Upon completion, CIWW will develop clear communications related to the Water Usage Plan, including dedicated webpages. She noted that draft graphics have been created to support lawn watering education and Water Usage Plan messaging.

Ms. Madsen also reported that the Water Usage Best Practices Committee endorsed signing a letter of support for an Iowa State University research grant focused on developing sod that requires less water and is more drought-resistant.

CIWW continues to collaborate with several partners on its water use campaign, including Polk County Conservation, Iowa State University, the Iowa Professional Lawn Care Association, and leaders within the sod industry.

#### ITEM 5. 2026 CIWW Source Water Protection Plan – Update

Christina Murphy presented the 2026 CIWW Source Water Protection Plan. She stated that the plan is intended to balance regional growth with source water protection, emphasize proactive planning, and support a collaborative, partnership-based approach. She noted that the effort was initiated following concerns raised when a chemical-related company located near a potential future water source, prompting additional interest in source water protection from the City of West Des Moines.

Ms. Murphy outlined the seven steps of source water protection planning: organizing a source water team; identifying source water areas; inventorying wells and potential contaminant sources; assessing and ranking those sources; developing an action plan; constructing or updating an emergency response plan; and submitting and implementing the Source Water Protection Plan. She explained that West Des Moines Water Works has initiated this process locally, including development of maps identifying protection areas and buffer zones, as well as an inventory of existing potential contaminant sources. She also reviewed key risks to water quality and the proposed protection strategies.

Next steps include review of the draft plan by the CIWW Technical Committee, submission to the Iowa Department of Natural Resources for approval, formal receipt and filing by the CIWW Board, and coordination with City of West Des Moines staff regarding the process for implementing overlay protections.

Ms. Murphy noted there may be future discussions to expand source water protection planning to additional potential drinking water sources.

#### ITEM 6. A.C. Ward Water Quality Challenges – Presentation

Lyle Hammes reported that he was requested by the West Des Moines Water Works Board to present on water quality challenges and, following that presentation, was subsequently asked to provide the same information to the CIWW Technical Committee.

Mr. Hammes outlined four primary water quality challenges: total dissolved solids (TDS), sulfates, per- and polyfluoroalkyl substances (PFAS), and fluoride. TDS primarily impacts aesthetic qualities such as taste, color, and odor, and may contribute to mineral buildup in

pipes. He explained that the lime softening process removes some hardness-causing minerals, but not all dissolved solids.

Mr. Hammes stated that sulfate also presents aesthetic concerns, including taste and odor, and may cause gastrointestinal effects at elevated levels in some individuals. He noted that sulfate can accelerate corrosion in plumbing systems.

He further explained that PFAS, commonly referred to as “forever chemicals,” are highly persistent in the environment and have been detected in alluvial wells in the West Des Moines area, creating a need to identify PFAS-free water sources.

Mr. Hammes noted that WDMWW manages these challenges by blending water from deep and shallow wells to meet all applicable health and safety standards. He added that WDMWW is considering conducting a comprehensive water quality study and may pursue PFAS-related loan forgiveness or settlement funding to address these concerns.

Christina Murphy added that PFAS contamination has resulted in the elimination of new alluvial wells as a viable source option.

Mr. Hammes reported that a request for proposals (RFP) for the study has been drafted, with the goal of receiving results by the end of the year.

#### ITEM 7. West Plant – Update

Christina Murphy informed the committee that Tami Madsen has been coordinating with property owners to conduct well testing. She noted that some verbal approvals have been received, and staff are awaiting completion of the necessary documentation. Ms. Murphy also reported that the West Plant Design Team held a workshop on membrane treatment technologies in the prior week and plans to conduct site visits to membrane treatment facilities in the future.

Lyle Hammes stated that additional system modeling is needed to support the West Plant project. He explained that Strand Associates requires further information on how new transmission infrastructure from the West Plant will integrate with the existing distribution system. A draft proposal has been received from HDR, which previously completed system modeling, to perform updated modeling that will provide the necessary system analysis. Mr. Hammes requested that the CIWW Technical Committee recommend that the CIWW Board of Trustees award the modeling contract to HDR, with the fee and related items to be reviewed and approved by the CIWW Finance and Audit Committee.

Wayne Schwartz moved to make the recommendation, seconded by Andy Fish. The motion carried by unanimous voice vote.

#### ITEM 8. Grimes Plant Expansion – Update\*

Tami Madsen reported that a progress meeting with the Grimes Design Team was held on

March 9, 2026. She noted that work has commenced on the water quality stability evaluation and the high-recovery reverse osmosis (RO) system evaluation. The team is also continuing its analysis of the transmission connections between Urbandale and Grimes and Johnston and Grimes.

#### ITEM 9. Saylorville Plant – Update

Lindsey Wanderscheid reported that drilling and testing activities are underway and that samples have been submitted for analysis. She noted that the 30% design drawings have been completed and reviewed. The team is currently coordinating with Wigen Water Technologies on mechanical and electrical submittals related to reverse osmosis (RO) and ultrafiltration (UF) membrane procurement. She also stated that discussions with property owners regarding vertical wells are ongoing.

Ms. Wanderscheid reported that the Hickman Feeder Main project is currently under construction and is scheduled for completion by the end of November.

#### ITEM 10. Projects Updates – Discussion

##### Polk City

Randy Franzen reported that Polk City has two CIP projects. Fiber and hardware have been ordered for one project, and staff are in the process of soliciting bids for Wells 4 and 5.

##### Grimes

Matt Ahrens advised of no updates.

##### West Des Moines Water Works

Daria Dilparic provided updates on behalf of West Des Moines Water Works. She reported that High Service Pump No. 3 was completed this month, and work is now shifting to High Service Pump No. 5. Repairs at the A.C. Ward Facility have reached the 90% design/specification review stage, with bidding anticipated in June. She also noted that test well drilling and pumping for the alluvial wells have indicated promising source water quantities.

##### Des Moines Water Works

Lindsey Wanderscheid provided updates for Des Moines Water Works. She reported that the replacement of the chain in Treatment Basin No. 2 is underway as part of a three-year contract to rechain one basin per year, with this being the second basin completed. She noted that well rehabilitation work has been completed and has resulted in improved well performance. Additionally, the 2026 SCADA Backbone Improvements project, which will separate IT and OT systems, is budgeted for 2026. The engineer's estimate for the project was \$1.59 million; however, a single bid was received in the amount of \$2.32 million.

Following discussions with the bidder, the cost was determined to be reasonable, and staff plan to recommend award to Edge.

#### ITEM 11. Operations Updates – Information

##### West Des Moines Water Works

Lyle Hammes reported that a couple of wells are currently out of service for rehabilitation and that work is underway on the High Service Pump pressure reducing valve rebuild.

##### Des Moines Water Works

Kyle Danley provided operational updates for Des Moines Water Works. At the Fleur Drive Water Treatment Plant, he reported minor flood preparedness activities, installation of a new gallery nitrate analyzer, an emergency salt delivery for the nitrate removal facility, and the arrival of a new generator control panel.

At the McMullen Water Treatment Plant, approximately 2 MGD of water from Maffitt Reservoir is being used to blend down nitrate levels. He also noted that the Aquifer Storage and Recovery (ASR) system is undergoing replacement of a recirculation pump and that an air compressor is being replaced. At the Saylorville Water Treatment Plant, new ultrafiltration (UF) membranes have been installed in Unit No. 3.

Mr. Danley further reported that nitrate concentrations in the Raccoon River have increased to 17.46 mg/L, exceeding levels observed during the same period last year. He noted that nitrate levels in the Des Moines River have also risen significantly within the past 24 hours. Due to elevated nitrate concentrations in both rivers, DMWW has suspended ASR injections.

#### ITEM 12. CIWW Update

No update.

#### ITEM 13. Pumpage and Revenue Summary – Information

Kyle Danley showed the committee the updated pumpage and revenue summary.

#### ITEM 14. Closed Session

Kyle Danley stated that the committee would like to enter a closed session to discuss the purchase or sale of particular real estate only where premature disclosure could be reasonably expected to increase the price the governmental body would have to pay for the property, as permitted by Iowa Code § 21.5(1)(j).

Shawn Buckner moved to enter the closed session; seconded by Neil Weiss. The committee approved the motion by unanimous roll call vote.

Shane Kinsey, Shawn Gaddie, Dustin Schultz and Darren Heger exited the meeting.

The Technical Committee entered closed session at 2:18 p.m.

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The Technical Committee exited closed session at 2:26 p.m. Chair Danley advised that no action was taken as a result of the closed session.

Dustin Schultz and Shawn Gaddie rejoined the meeting.

#### ITEM 15. Other Business

Matt Greiner requested that the capacity allocation small group reconvene. Neil Weiss expressed a preference that the small group not reconvene.

Mr. Greiner stated that he would like additional information regarding the outcomes of the Board workshop, as well as further clarification on the projections and data provided by AE2S. He also noted that some communities did not submit both high and low demand projections, which he believes may have placed those communities at a disadvantage.

#### ITEM 16. Adjourn

Christina Murphy moved to adjourn the meeting; seconded by Rudy Koester. The motion was approved by unanimous voice vote.

Chair Danley adjourned the meeting at 2:37 p.m.

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## Minutes

Long-Range Planning Committee Small Group  
Central Iowa Water Works  
April 3, 2026  
Central Iowa Water Works  
4601 Westown Parkway, Suite 122  
West Des Moines, IA 50266  
11:00 a.m.

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### **Item 1: Call to Order**

The meeting began at 11:00 a.m.

### **Item 2: Roll Call**

Don Clark (Ankeny), Lyle Hammes (WDMWW), Matt Stoffel (PFM), Jeff May (Clive), Tami Madsen (CIWW), Shawn Gaddie (AE2S), Dustin Schultz (AE2S), Dustin Delvaux (CIWW), Daria Dilparic\* (WDMWW), Royce Hammitt\* (Xenia), Rudy Koester\* (Waukee), Cory Iben\* (Xenia), Kyle Danley\* (DWMWW), Matt Greiner\* (Johnston), Lindsey Wanderscheid\* (DMWW), Christina Murphy\* (WDMWW), Amy Kahler (DMWW) (entered at 11:13 a.m.)

### **Item 3: 2027 Capital Improvements Planning**

Tami Madsen provided an overview of the Central Iowa Water Works (CIWW) Capital Improvement Plan (CIP). She noted the desire to establish a dedicated CIWW Joint Capital section within the CIP to include projects funded through State Revolving Fund (SRF) loans, which must be held in CIWW's name. She also indicated that allocations for conservation projects will be incorporated into the CIWW CIP.

Ms. Madsen reported that the Saylorville II project includes current-year allocations for land acquisition, with future CIP allocations anticipated for permitting, studies, and water quality testing. She noted that the Waterford Transmission Main project, while primarily supporting Saylorville II, could provide regional benefits if constructed in advance of the plant.

Dustin Schultz and Shawn Gaddie summarized discussions with Trustees, highlighting the need to clearly present project timing and costs for large projects. AE2S plans to develop a simplified project list to support this effort, including identification of funding sources such as cash, debt,

loan forgiveness, or designated funds. Additional cost tracking, including labor associated with expansion projects, will also be incorporated to ensure proper allocation.

Mr. Schultz provided an update on proposed Joint Capital CIP projects. He noted ongoing discussions with the City of Grimes and US Water regarding future improvements at the Grimes Water Treatment Plant. He also reported that West Des Moines Water Works has increased its ten-year CIP by approximately \$36.78 million.

The group discussed a potential connection to Purple Martin Lake. Ms. Madsen stated that a water use permit application has been submitted. Mr. Danley noted that Des Moines Water Works can currently withdraw approximately 5 MGD from Crystal Lake and estimated that Purple Martin Lake, due to its similar size, could yield approximately 4 MGD. The current cost estimate includes installation of two pumps and piping beneath the interstate; however, a construction timeline has not yet been established.

Discussion also included the potential development of additional Aquifer Storage and Recovery (ASR) wells over the next ten years. Concerns from the Iowa Department of Natural Resources (IDNR) regarding the Jordan Aquifer may limit future ASR development, and forthcoming IDNR studies may identify more suitable locations. Future ASR planning will incorporate coordination with IDNR.

Mr. Schultz outlined additional efforts by AE2S, including the introduction of project estimate classifications to communicate confidence levels in cost estimates, improved indexing tools to address current inconsistencies, and development of project “cutsheets” to provide detailed information on major capital expenditures.

The final CIP will be presented to the Long Range Planning Committee for review in April, with anticipated approval in May.

### **Adjournment**

The meeting was adjourned at 12:33 p.m.

## Minutes

Water Usage Best Practices Committee  
Central Iowa Water Works  
March 17, 2026  
4601 Westown Parkway, Ste 122  
West Des Moines, Iowa 50266  
9:00 a.m.

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### ITEM 1. Call to Order

Chair Diane Munns called the meeting to order at 9:04 a.m.

### ITEM 2. Introductions

Shawn Buckner, Matt Van Wyk, Lyle Hammes\*, Susan Huppert\*, Diane Munns\*, Derek Gardels\*, Pete De Kock\* (entered at 9:05 a.m.), Lindsey Wanderscheid\*, Tami Madsen

### ITEM 3. Approve minutes from February 17, 2026, Water Usage Best Practices Committee meeting

Diane Munns moved to approve the minutes; seconded by Lyle Hammes. The minutes were approved by unanimous voice vote.

### ITEM 4. Water Shortage Plan – Discussion

Tami Madsen reviewed the suggestions for the Water Shortage Plan.

The committee agreed the focus of Stage 0 should focus on water conservation messaging, promoted year-round with an increase emphasis in the spring. The committee also supported including language that allows stages to be bypassed if necessary. Additionally, the committee agreed to remove references to percentage-based reductions and instead focus on clearly defined actions that can be taken at each stage to reduce water usage, including actions applicable during winter months.

### ITEM 5. Aqualytics Pilot Study Task Order – Recommendation

Tami Madsen presented the Smart Water Pilot Program Proposal for Central Iowa Water Works to the committee. She noted the program is modeled after work conducted with Metropolitan Utilities District in Omaha. The pilot includes sixty smart irrigation controllers, though existing controllers may be utilized if they meet program requirements.

Derek Gardels provided an overview of the pilot, explaining that it is intended to support conservation efforts and manage peak demand, with the potential to reduce usage by approximately 2 MGD. The pilot scope includes development of a monitoring platform interface, smart programming of devices using irrigation schedules and weather-based data,

and ongoing technical support.

The committee discussed program scalability and the appropriate size for initial implementation. Members expressed interest in understanding the long-term costs associated with monitoring and maintaining a larger network of devices. The committee also emphasized the importance of initiating the pilot promptly, given the start of the lawn irrigation season.

Tami Madsen outlined plans to communicate the program to potential participants and the public. Proposed outreach includes yard signage for participating properties to explain irrigation activities outside typical schedules, as well as supporting graphics for social media and digital platforms.

The committee recommended the development of a dedicated landing page to provide information about the pilot, along with QR codes on signage to direct the public to that resource. They also noted the importance of including a method for individuals to opt in for updates as the program expands. Derek Gardels indicated these elements are under development and could be incorporated into the project estimate.

The pilot timeline was initially proposed to run from May through June; however, the committee requested extending the duration through September. Derek Gardels stated that he would evaluate the cost implications of this extension.

Derek Gardels exited the meeting at 10:00am.

The committee briefly discussed establishing a not-to-exceed amount in light of the additional requested elements.

Tami Madsen also informed the committee that, if approved, Municipal Water Leader has expressed interest in publishing an article on the pilot findings in collaboration with CIWW in October 2026.

#### ITEM 6. Other Business

Shawn Buckner inquired whether a standardized water conservation message was available for inclusion in the upcoming bill cycle. Tami Madsen advised that a draft has been prepared and will be shared.

#### ITEM 7. Adjourn

Vice-Chair De Kock adjourned the meeting at 10:07 a.m.

## Minutes

Finance and Audit Committee  
Central Iowa Water Works  
March 19, 2026  
4601 Westown Parkway, Suite 122  
West Des Moines, IA  
8:00 a.m.

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### ITEM 1. Call to Order

Chair Scott Brennan called the meeting to order at 8:00 a.m.

### ITEM 2. Roll Call

Susan Huppert, George Meinecke, Scott Brennan\*, John McCune\*, Tom Cope\*

Tami Madsen, Christina Murphy\*, Amy Kahler, Matt Stoffel\*

\*Attended remotely

### ITEM 3. Approve Minutes for January 22, 2026

John McCune moved to approve the minutes for the January 22, 2026, Finance & Audit Committee meeting; seconded by Susan Huppert. The minutes were approved by unanimous voice vote.

### ITEM 4. Review and Approve Depositories and Increase Amounts on Deposit for Central Iowa Water Works – Recommendation\*

Tami Madsen advised the committee that depositories must be reviewed and approved annually. During the review, it was determined that the current deposit limits are too low given the balances held across all accounts. She noted that the institutions collateralize deposits to protect against loss in the event of a bank failure and that, under Iowa Code, the Board is required to approve deposit limits by resolution. She recommended the committee forward to the Board the reauthorization of Bankers Trust and IPAIT as depositories and an increase to the deposit limit to \$25 million at each institution.

John McCune moved to approve the recommendation with the inclusion of Iowa Public Agency Investment Trust (IPAIT) to the resolution; seconded by Susan Huppert. The motion was passed by unanimous voice vote.

### ITEM 5. CIWW Series 2025C (Saylorville Water Treatment Plant) Planning & Design Loan Extension – Recommendation\*

Tami Madsen advised the committee that the Planning & Design Loan on the Saylorville Water Treatment Plant will mature on July 14, 2026, before the project is ready to move to the construction phase. She noted that extending the zero-interest Planning & Design Loan is in the best interest of CIWW until the project is ready to proceed to construction and recommended that the Finance and Audit Committee forward a recommendation to the Board of Trustees to extend the loan maturity from July 14, 2026 to July 14, 2028.

George Meinecke moved to approve the recommendation; seconded by John McCune. The motion was passed by unanimous voice vote.

ITEM 6. AE2S Task Order 2026-1 General Engineering and Program Management – Recommendation\*

Tami Madsen presented the task order to the committee, noting it was recommended by the Technical Committee by unanimous voice vote and is included in the approved 2026 budget. She explained that, under the 28E agreement, AE2S serves as CIWW’s Primary Consulting Engineer and will continue supporting long-range planning and scope development, including leading the Board-approved workshop on April 2, 2026. The task order covers these efforts and related work. She requested the committee recommend approval to the Board of Trustees.

Susan Huppert moved to approve the recommendation; seconded by George Meinecke. The motion was passed by unanimous voice vote.

ITEM 7. Task Order 2025-3 Owner’s Representative Services – Recommendation\*

Tami Madsen advised the committee that the Technical Committee approved the task order recommendation by unanimous voice vote. She explained that the task order utilizes the Expansion project funding formula from the 28E agreement so that only participating agencies pay for engineering and expansion-related tasks under this task order. This task order spans 26 months with a not to exceed amount of \$145,000, and the work will only be performed at the direction of the Executive Director request.

Susan Huppert moved to approve the recommendation to support this task order with the Board of Trustees; seconded by George Meinecke. The motion was passed by unanimous voice vote.

ITEM 8. Task Order Aqualytics Pilot Study – Recommendation\*

Tami Madsen presented the Aqualytics Pilot Study recommendation, noting it has been discussed by both the Water Usage Best Practices Committee and the Technical Committee. She explained that Aqualytics, founded by Derek Gardels, focuses on peak demand management and has conducted a similar pilot in Omaha using 50 smart irrigation controllers, resulting in an approximate reduction of 500,000 gallons per day during peak season.

Madsen proposed a similar pilot for CIWW at a cost of \$42,410 to be funded through the producer true-up. She noted the pilot includes a “Program Communications and Coordination” component to support outreach efforts. The cost also includes the purchase of 60 irrigation controllers. Additional participants may join at their own expense.

Susan Huppert shared that the Water Usage Best Practices Committee supports consistent messaging to reduce excess water use and noted the pilot would assist in those efforts. She

recommended advancing the item to the Finance & Audit Committee for consideration and potential recommendation to the Board of Trustees.

Matt Stoffel exited the meeting at 8:30 a.m.

ITEM 9. RFP – Municipal Advisory Services – Potential Action

Tami Madsen advised the committee that the Municipal Advisory Services Request for Proposal (RFP) was issued on January 26, 2026, posted on the CIWW website, and distributed to nine firms with experience in Iowa SRF projects. Three firms submitted complete responses, with two meeting the minimum qualifications. She noted that while the RFP included a proposed timeline, it also allowed flexibility for the Finance & Audit Committee to adjust the process as needed.

The committee discussed and agreed to maintain the original timeline. Based on the RFP language allowing CIWW to determine the need for interview, the committee elected not to conduct interviews.

Committee members agreed to submit their evaluation score sheets to Tami Madsen for compilation. A virtual meeting was scheduled for the morning of March 25, 2026, to review results and consider a recommendation to begin negotiating with the selected firm. Final selection, notification, and award are anticipated on April 16, 2026.

George Meinecke exited the meeting at 8:45 a.m.

ITEM 10. February Financial Summary and February Expenditures

This report was not available at the time of the meeting.

ITEM 11. February Revenue and Usage Summary

This report was not available at the time of the meeting.

ITEM 12. Project Progress Reports

Tami Madsen introduced the new project progress reports being utilized for the Saylorville I, Grimes Expansion, and West Water Treatment Plant projects. She thanked the project teams for providing project information on the new uniform template.

ITEM 13. Other Business

ITEM 14. Adjourn

John McCune moved to adjourn the meeting; seconded by Tom Cope. The motion was approved by unanimous voice vote.

Chair Brennan adjourned the meeting at 9:05 a.m.

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## Minutes

Finance and Audit Committee  
Central Iowa Water Works  
March 25, 2026  
Virtual  
8:00 a.m.

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ITEM 1. Call to Order

Chair Scott Brennan called the meeting to order at 8:02 a.m.

ITEM 2. Roll Call

Susan Huppert, George Meinecke, John McCune, Tom Cope, Scott Brennan, Carol Butler Freeman

Tami Madsen, Dustin Delvaux

ITEM 3. Municipal Advisory Service RFP – Discussion

Tami Madsen reported that she received a majority of the evaluation score sheets. While the Request for Proposals (RFP) did not specify the use of score sheets, they were utilized as a tool to assist in the evaluation process. Based on the completed score sheets, PFM was identified as the preferred firm to provide Municipal Advisory Services to CIWW. Ms. Madsen advised that the recommendation is to begin negotiations with PFM, with the intent to present a contract for award at the April Board meeting.

Sue Huppert moved to approve the recommendation, and John McCune seconded the motion.

Tom Cope requested that Ms. Madsen notify the other respondents of the intent to proceed with PFM following the March CIWW Board meeting.

The motion was unanimously approved by voice vote.

ITEM 4. Other Business

No other business.

ITEM 5. Adjourn

John McCune made a motion to adjourn; seconded by Tom Cope. Chair Brennan adjourned the meeting at 8:07 a.m.

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## Minutes

Executive Committee  
Central Iowa Water Works  
March 19, 2026  
4601 Westown Parkway, Suite 122  
West Des Moines, IA 50266  
12:00 PM

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### Item 1: Call to Order

Chair Jody Smith called the meeting to order at 12:05 p.m.

### Item 2: Roll Call

Jody Smith, John McCune\*, John Edwards, Tami Madsen

\*attended remotely

### Item 3: Approve Minutes for February 17, 2026

John Edwards moved to approve the minutes for the February 17, 2026, Executive Committee Meeting; seconded by John McCune. The minutes were approved by unanimous voice vote.

### Item 4: After-Action Review Update

Tami Madsen provided an update on the After-Action Review, noting that comments have been received. She also reported that she is working with web providers to develop a real-time landing page that will allow users to view the current CIWW stage, understand ongoing conditions, and access information on any applicable restrictions.

### Item 5: Potential Amendments to 28E/28F Agreement

Chair Smith informed the committee of a recommendation from the After-Action Review suggesting that the CIWW Board of Trustees, rather than the Technical Committee, take action during certain stages of the Water Shortage Plan. It was noted that the 28E/28F Agreement currently requires a minimum of five days' notice for Board meetings, which may limit timely action. The working group suggested holding a Board meeting immediately following Technical Committee meetings to consider recommendations, and noted that the 28E/28F could be amended to modify the five-day notice requirement.

Additional recommendations included establishing two-year terms for Committee Chairs and reconsidering whether weighted voting should be required for ministerial actions, such as setting public hearings for debt issuances.

Tami Madsen also raised a question regarding Iowa Code requirements for committees, noting that meetings must be open in the same manner as Board of Trustees meetings. She questioned whether CIWW committees must adhere to the same standards outlined in the 28E/28F, specifically the five-day notice requirement. It was noted that Chapter 21.4 of the Iowa Code requires at least 24 hours' notice for public meetings, indicating that CIWW's current requirements exceed statutory minimums. The committee discussed adding language to the 28E/28F clarifying that committees will follow Iowa Code requirements.

#### Item 6: IRS Charitable Filing – Discussion

Chair Smith noted that future system expansions may present opportunities for parcels of land to be donated to CIWW and expressed interest in understanding the cost and timeline associated with obtaining an IRS determination letter for charitable status.

Tami Madsen reported that, following consultation with legal counsel at Nyemaster, the estimated cost to pursue the determination letter would be approximately \$45,000, including legal fees and IRS filing costs. She noted that while the designation could provide potential long-term financial benefits, there is a risk that the IRS may ultimately deny the request after completion of the process, which is estimated to take approximately one year.

Following discussion, the committee agreed not to pursue the determination letter at this time.

#### Item 7: Proposed Revisions to Bylaws

Chair Smith advised that the Board of Trustees will be notified at the March meeting of an anticipated vote at the April CIWW Board meeting to consider amendments to the bylaws. A draft of the proposed changes will be presented to the Board at the March meeting.

#### Item 8: Proposed Correction to Executive Director Contract

Chair Smith informed the committee of an unintended omission of Paid Time Off provisions in the recently approved Executive Director contract. A proposed amendment will be brought forward to correct this error.

#### Item 9: Task order Aqualytics Pilot Study – Recommendation

Tami Madsen provided an overview of the Aqualytics Pilot Study, which focuses on demand-side management by incorporating smart irrigation technology to optimize lawn watering and promote efficient use while maintaining plant health. The project has a budget of \$42,410.

Following discussion, the committee recommended approval of the pilot study to the Board of Trustees.

#### Item 10: Task Order 2025-3 Owner's Representative Services – Recommendation

Tami Madsen informed the committee that the task order includes services related to Long-Range Plan scope development, continued evaluation of member demand projects and system capacity, compilation and adoption of the Capital Improvements Plan, and other associated activities.

Following discussion, the committee recommended approval of the task order to the Board of Trustees.

#### Item 11: AE2S Task Order 2026-1 General Engineering and Program Management – Recommendation

Tami Madsen provided an overview of the services included in the task order. She noted that \$60,000 is allocated for expansion capacity allocation support, and \$145,000 is designated for various services outlined in the agreement over the next 26 months. The task order is intended to support accurate allocation of costs to the appropriate member agencies.

Following discussion, the committee recommended approval of the task order to the Board of Trustees.

#### Item 12: Legislative Update

Tami Madsen reported that she will be meeting with Dentons on Monday to discuss a Capital event aimed at engaging legislators. She is also working with Dentons to identify potential legislative priorities for next year and is collaborating with their federal team to explore funding opportunities for the nitrate removal facility. Additionally, Secretary Naig has expressed support for potential state assistance in funding the nitrate facility.

#### Item 13: Reschedule July 16 Committee Meeting to 1:00 p.m.

The committee agreed to reschedule the July 16, 2026, Executive Committee meeting from 12:00 p.m. to 1:00 p.m.

#### Item 14: Review March Board of Trustees Meeting Agenda

Tami Madsen reviewed the draft agenda with the committee.

#### Item 15: Other Business

Tami Madsen informed the committee that she has been invited to participate in an American Water Works Association roundtable on regionalization in Cleveland and expressed interest in also attending the organization's Annual Conference in Washington, D.C. The committee had no concerns with Tami's attendance at these out of state events.

She further advised that the Impaired Waters List has been released, with comments due by March 19, 2026. Following discussion, the committee reached consensus for Tami Madsen to draft and submit comments on behalf of CIWW.

Tami Madsen also provided an update on efforts to acquire land for the primary wellfield.

Additionally, she introduced a Project Progress Report template developed to keep member agencies informed of current project statuses.

#### Item 16: Adjournment

Chair Smith adjourned the meeting at 1:03 p.m.



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 5J**

**SUBJECT:** Receive and File March Financial Summary and Approve March Expenditures

**SUMMARY:**

The following financial reports are attached:

1. Statement of Revenues, Expenses, and Change in Net Position for the month of March
2. Statement of Revenues, Expenses, and Change in Net Position – 12 Month Trend
3. Statement of Net Position as of March 31, 2026
4. Statement of Net Position – 12 Month Trend
5. Statement of Cash Flows (*new with this month's financials and will be included going forward*)
6. Monthly Disbursement Listing for the month of March

Following are key financial highlights for the month:

- Interest-bearing operating cash as of March 31 totals approximately \$29 million, which is \$1 million higher than previous month due to the timing of payments.
- Restricted cash balances, including the Bond Sinking Fund and Debt Service Reserve Fund, total \$4.79 million at month-end and are earning 3.435%.
- Accrued Liabilities decreased around \$7.75 million from February, as CIWW fulfilled obligations accrued at year-end, primarily capital reimbursements to Contract Operators.
- Long-Term Debt of \$48.89 million represents amounts owed by CIWW not due within the next 12 months. This balance increased from prior month due to CIWW drawdown (reimbursement) requests on capital projects financed through the State Revolving Fund (SRF).
- Water Sales Revenue for March was \$110k above budget making YTD \$202k above budget.
- Contract Operator Expenses for March were \$132k above budget and \$1.01 million above budget for the year, in part related to ongoing nitrate removal costs at the Fleur Drive treatment plant.
- Investment income was \$302,779 YTD.
- Total operating expenses were approximately \$12.29 million, or \$939k above budget, consistent with the variance in Contract Operator Expenses.
- YTD Operating Net Income is \$737k lower than budget. This is the result of offsetting variances in revenue (\$202k favorable) and expenses (\$939k unfavorable).
- March cash disbursements totaled \$8,289,877.30.

**FINANCIAL IMPACT:**

None.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Motion to receive and file the March financial summary and approve March disbursements.

Prepared by: Justin Del

Reviewed by Treasurer: Jimmy Kahler

Central Iowa Water Works  
Statement of Net Position  
As of March 31, 2026

	Year To Date 03/31/2026	Year Ending 12/31/2025 <small>Actual</small>
<b>Assets</b>		
Current Assets		
Cash and Cash Equivalents	29,002,095	95,076,713
Restricted Cash	4,790,574	3,877,360
Accounts Receivable	5,693,002	13,178,755
Prepaid Expenses	17,437	6,143
Total Current Assets	<u>39,503,108</u>	<u>112,138,971</u>
Capital Assets, Net	<u>263,100,242</u>	<u>263,981,048</u>
<b>Total Assets</b>	<b><u>302,603,350</u></b>	<b><u>376,120,019</u></b>
<b>Deferred Outflows of Resources</b>	<b><u>47,678</u></b>	<b><u>47,678</u></b>
<b>Liabilities</b>		
Current Liabilities		
Accounts Payable	78,545	384,868
Accrued Liabilities	180,574	7,862,936
Accrued Interest Payable	353,806	88,452
Accrued Payroll Liabilities	23,645	16,384
Compensation Payable - Current	22,736	22,736
Bond Payable - Current	2,456,000	2,456,000
Other Current Liabilities	383,785	74,461,918
Total Current Liabilities	<u>3,499,091</u>	<u>85,293,294</u>
Long-Term Debt, Net	<u>48,891,885</u>	<u>45,726,935</u>
Non-Current Liabilities	<u>187,862</u>	<u>191,281</u>
<b>Total Liabilities</b>	<b><u>52,578,838</u></b>	<b><u>131,211,510</u></b>
<b>Deferred Inflows of Resources</b>	<b><u>29,011</u></b>	<b><u>29,011</u></b>
<b>Net Position</b>	<b><u>250,043,178</u></b>	<b><u>244,927,177</u></b>
<b>Total Liabilities and Net Position</b>	<b><u>302,622,017</u></b>	<b><u>376,138,686</u></b>

For internal purposes-subject to client review and analysis only. These financial statements were generated from the client's financial reporting system and have not been modified.

Central Iowa Water Works  
Statement of Net Position - Trend  
As of March 31, 2026

	Month Ending 04/30/2025	Month Ending 05/31/2025	Month Ending 06/30/2025	Month Ending 07/31/2025	Month Ending 08/31/2025	Month Ending 09/30/2025	Month Ending 10/31/2025	Month Ending 11/30/2025	Month Ending 12/31/2025	Month Ending 01/31/2026	Month Ending 02/28/2026	Month Ending 03/31/2026
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
<b>Assets</b>												
Current Assets												
Cash and Cash Equivalents	12,166,983	9,611,475	13,916,782	9,387,784	10,829,587	20,040,861	21,763,935	24,064,364	95,076,713	29,906,511	27,943,965	29,002,095
Restricted Cash	4,570,226	4,799,699	4,440,738	4,868,401	5,089,585	5,104,478	5,738,320	5,822,557	3,877,360	4,181,562	4,191,874	4,790,574
Accounts Receivable	3,435,468	5,317,538	4,376,118	6,055,219	9,122,458	9,462,583	8,876,962	9,450,316	13,178,755	8,330,743	9,603,186	5,693,002
Prepaid Expenses	0	0	8,875	31,245	25,706	20,166	14,628	10,011	6,143	5,255	22,978	17,437
Total Current Assets	20,172,677	19,728,712	22,742,513	20,342,649	25,067,336	34,628,088	36,393,845	39,347,248	112,138,971	42,424,071	41,762,003	39,503,108
Capital Assets, Net	42,065,813	42,103,416	43,581,355	46,754,034	46,767,789	302,630,292	302,112,485	301,763,971	263,981,048	263,724,011	263,402,367	263,100,242
<b>Total Assets</b>	<b>62,238,490</b>	<b>61,832,128</b>	<b>66,323,868</b>	<b>67,096,683</b>	<b>71,835,125</b>	<b>337,258,380</b>	<b>338,506,330</b>	<b>341,111,219</b>	<b>376,120,019</b>	<b>306,148,082</b>	<b>305,164,370</b>	<b>302,603,350</b>
<b>Deferred Outflows of Resources</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>6,787</b>	<b>47,678</b>	<b>47,678</b>	<b>47,678</b>	<b>47,678</b>
<b>Liabilities</b>												
Current Liabilities												
Accounts Payable	2,905,309	119,914	1,552,545	490,557	88,211	172,262	79,322	212,256	384,868	2,774,809	109,960	78,545
Accrued Liabilities	863,743	863,743	864,743	913,743	963,743	1,013,743	1,063,743	957,383	7,862,936	7,885,597	7,933,786	180,574
Accrued Interest Payable	280,758	350,947	70,190	140,379	210,568	280,758	350,947	421,137	88,452	176,904	265,355	353,806
Accrued Payroll Liabilities	28,029	36,383	42,733	17,332	19,902	22,034	30,623	23,556	16,384	26,479	27,164	23,645
Compensation Payable - Current	0	0	0	0	0	0	0	0	22,736	22,736	22,736	22,736
Bond Payable - Current	0	0	1,737,013	1,737,013	1,737,013	1,737,013	1,737,013	1,737,013	2,456,000	2,456,000	2,456,000	2,456,000
Joint Capital Payable	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	12,333,226	12,333,226	12,333,226	0	0	0	0
Other Current Liabilities	0	0	0	0	0	0	0	0	74,461,918	13,107	13,107	383,785
Total Current Liabilities	9,077,839	6,370,987	9,267,224	8,299,024	8,019,437	15,559,036	15,594,874	15,684,571	85,293,294	13,355,632	10,828,108	3,499,091
Long-Term Debt, Net	45,631,894	45,767,260	45,508,186	46,616,994	47,930,911	47,930,910	47,930,910	47,930,910	45,726,935	45,994,982	45,994,982	48,891,885
Non-Current Liabilities	0	0	0	0	0	0	0	0	191,281	191,280	191,280	187,862
<b>Total Liabilities</b>	<b>54,709,733</b>	<b>52,138,247</b>	<b>54,775,410</b>	<b>54,916,018</b>	<b>55,950,348</b>	<b>63,489,946</b>	<b>63,525,784</b>	<b>63,615,481</b>	<b>131,211,510</b>	<b>59,541,894</b>	<b>57,014,370</b>	<b>52,578,838</b>
<b>Deferred Inflows of Resources</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,011</b>	<b>29,011</b>	<b>29,011</b>	<b>29,011</b>
<b>Net Position</b>	<b>7,535,544</b>	<b>9,700,668</b>	<b>11,555,245</b>	<b>12,187,452</b>	<b>15,891,565</b>	<b>273,775,221</b>	<b>274,987,333</b>	<b>277,502,524</b>	<b>244,927,177</b>	<b>246,624,855</b>	<b>248,168,666</b>	<b>250,043,178</b>
<b>Total Liabilities and Net Position</b>	<b>62,245,277</b>	<b>61,838,915</b>	<b>66,330,655</b>	<b>67,103,470</b>	<b>71,841,912</b>	<b>337,265,167</b>	<b>338,513,117</b>	<b>341,118,006</b>	<b>376,138,686</b>	<b>306,166,749</b>	<b>305,183,037</b>	<b>302,622,017</b>

For internal purposes-subject to client review and analysis only. These financial statements were generated from the client's financial reporting system and have not been modified.

**Central Iowa Water Works**  
**Statement of Revenues, Expenses, and Change in Net Position**  
**For the Period Ending March 31, 2026**

	Month To Date			Month Ending			Year To Date			Year Ending	% Remaining
	03/31/2026	03/31/2026		03/31/2026		03/31/2026		12/31/2026			
	Actual	Budget	Budget Variance	Actual	Budget	Budget Variance	Budget				
<b>Change in Net Position</b>											
Operating Revenue(Expense), Net											
Operating Revenue											
Water Sales Revenue	5,557,991	5,447,126	110,865	16,543,547	16,341,378	202,169	73,460,890	78 %			
Expansion Revenue	278,258	278,259	(1)	834,774	834,777	(4)	3,339,110	75 %			
Other Revenue	0	0	0	40	0	40	0	0 %			
<b>Total Operating Revenue</b>	<b>5,836,249</b>	<b>5,725,385</b>	<b>110,864</b>	<b>17,378,361</b>	<b>17,176,155</b>	<b>202,206</b>	<b>76,800,000</b>	<b>78 %</b>			
Operating Expenses											
Personnel											
Salaries & Wages	21,250	26,971	(5,721)	80,000	80,913	(913)	323,652	75 %			
Payroll Taxes	1,714	2,276	(562)	7,169	6,827	341	27,311	75 %			
Employee Benefits	10,301	9,194	1,107	27,847	27,582	266	110,325	75 %			
<b>Total Personnel</b>	<b>33,265</b>	<b>38,441</b>	<b>(5,176)</b>	<b>115,016</b>	<b>115,322</b>	<b>(306)</b>	<b>461,288</b>	<b>75 %</b>			
Professional Services											
Legal and Accounting Fees	87,556	33,233	54,323	115,874	80,700	35,174	289,800	72 %			
Professional Services - Other	25,921	21,271	4,650	33,850	63,812	(29,962)	355,250	82 %			
<b>Total Professional Services</b>	<b>113,477</b>	<b>54,504</b>	<b>58,973</b>	<b>149,724</b>	<b>144,512</b>	<b>5,212</b>	<b>645,050</b>	<b>78 %</b>			
Contract Operator Expenses											
Contract Operator Expenses	3,177,524	3,044,978	132,545	10,148,998	9,134,936	1,014,062	43,499,695	79 %			
<b>Total Contract Operator Expenses</b>	<b>3,177,524</b>	<b>3,044,978</b>	<b>132,545</b>	<b>10,148,998</b>	<b>9,134,936</b>	<b>1,014,062</b>	<b>43,499,695</b>	<b>79 %</b>			
Occupancy and Office											
Mailing & Production	58	50	8	245	150	94	600	75 %			
Facility & Equipment Expenses	50,612	63,709	(13,097)	159,415	191,127	(31,711)	764,508	75 %			
IT & Telecommunications	326	0	326	1,096	0	1,096	0	0 %			
Licenses & Fees	350	0	350	700	0	700	0	0 %			
<b>Total Occupancy and Office</b>	<b>51,346</b>	<b>63,759</b>	<b>(12,413)</b>	<b>161,456</b>	<b>191,277</b>	<b>(29,821)</b>	<b>765,108</b>	<b>75 %</b>			
Other											
Travel Expense	0	0	0	149	0	149	0	0 %			
Business Expenses	11,895	7,317	4,578	26,523	21,950	4,573	87,800	75 %			
Other Expenses	260	263	(2)	913	788	125	3,150	75 %			
<b>Total Other</b>	<b>12,155</b>	<b>7,580</b>	<b>4,576</b>	<b>27,585</b>	<b>22,738</b>	<b>4,847</b>	<b>90,950</b>	<b>75 %</b>			
Depreciation and Amortization											
Depreciation	563,568	583,333	(19,765)	1,690,736	1,749,999	(59,264)	7,000,000	75 %			
Amortization	4,430	0	4,429	4,429	0	4,429	0	0 %			
<b>Total Depreciation and Amortization</b>	<b>567,998</b>	<b>583,333</b>	<b>(15,336)</b>	<b>1,695,165</b>	<b>1,749,999</b>	<b>(54,834)</b>	<b>7,000,000</b>	<b>75 %</b>			
<b>Total Operating Expenses</b>	<b>3,955,765</b>	<b>3,792,595</b>	<b>163,169</b>	<b>12,297,944</b>	<b>11,358,784</b>	<b>939,159</b>	<b>52,462,091</b>	<b>78 %</b>			
<b>Total Operating Revenue(Expense), Net</b>	<b>1,880,484</b>	<b>1,932,790</b>	<b>(52,306)</b>	<b>5,080,417</b>	<b>5,817,371</b>	<b>(736,954)</b>	<b>24,337,909</b>	<b>76 %</b>			
Non-Operating Revenue(Expense), Net											
Investments, net	84,319	0	84,318	302,779	0	302,779	0	0 %			
Interest Expense											
84020 - Interest Expense	90,291	0	90,291	267,194	1	267,194	1,061,421	100 %			
<b>Total Interest Expense</b>	<b>90,291</b>	<b>0</b>	<b>90,291</b>	<b>267,194</b>	<b>1</b>	<b>267,194</b>	<b>1,061,421</b>	<b>100 %</b>			
<b>Total Non-Operating Revenue(Expense), Net</b>	<b>(5,972)</b>	<b>0</b>	<b>(5,972)</b>	<b>35,585</b>	<b>(1)</b>	<b>35,585</b>	<b>(1,061,421)</b>	<b>100 %</b>			
<b>Total Change in Net Position</b>	<b>1,874,512</b>	<b>1,932,790</b>	<b>(58,278)</b>	<b>5,116,002</b>	<b>5,817,370</b>	<b>(701,368)</b>	<b>23,276,488</b>	<b>75 %</b>			

For internal purposes-subject to client review and analysis only. These financial statements were generated from the client's financial reporting system and have not been modified.

Central Iowa Water Works  
Statement of Revenues, Expenses, and Change in Net Position - Trend  
For the Period Ending March 31, 2026

	Month Ending 04/30/2025	Month Ending 05/31/2025	Month Ending 06/30/2025	Month Ending 07/31/2025	Month Ending 08/31/2025	Month Ending 09/30/2025	Month Ending 10/31/2025	Month Ending 11/30/2025	Month Ending 12/31/2025	Month Ending 01/31/2026	Month Ending 02/28/2026	Month Ending 03/31/2026
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
<b>Change in Net Position</b>												
Operating Revenue(Expense), Net												
Operating Revenue												
Water Sales Revenue												
Water Sales	3,418,423	4,329,042	4,027,877	3,641,120	4,287,399	4,558,873	3,962,477	3,380,557	3,446,678	3,754,393	3,420,367	3,652,593
Joint Fixed Revenue	1,746,315	1,746,315	1,747,037	1,746,315	1,746,315	1,746,315	1,746,315	1,746,315	1,746,315	1,905,398	1,905,398	1,905,398
Total Water Sales Revenue	5,164,738	6,075,357	5,774,914	5,387,435	6,033,714	6,305,188	5,708,792	5,126,872	5,192,993	5,659,791	5,325,765	5,557,991
Expansion Revenue	64,367	64,367	64,367	64,367	64,367	64,367	64,367	64,367	(708,037)	278,258	278,258	278,258
Other Revenue												
Miscellaneous Revenue	0	0	0	0	1,280	0	0	1,006	1,758	0	40	0
Total Other Revenue	0	0	0	0	1,280	0	0	1,006	1,758	0	40	0
Total Operating Revenue	5,229,105	6,139,724	5,839,281	5,451,802	6,099,361	6,369,555	5,773,159	5,192,245	4,486,714	5,938,049	5,604,063	5,836,249
Operating Expenses												
Personnel												
Salaries & Wages	26,410	26,415	25,523	30,870	25,037	26,739	34,031	15,432	84,267	27,500	31,250	21,250
Payroll Taxes	2,053	2,111	2,030	2,455	1,931	1,414	1,093	586	925	2,897	2,558	1,714
Employee Benefits	7,426	8,687	8,202	8,599	9,342	9,724	6,455	9,906	51,457	10,067	7,480	10,301
Total Personnel	35,889	37,213	35,755	41,924	36,310	37,877	41,579	25,924	136,649	40,464	41,288	33,265
Professional Services												
Legal and Accounting Fees	33,437	34,636	53,399	68,730	25,564	27,584	29,739	19,911	28,708	0	28,317	87,556
Professional Services - Other	4,000	0	0	0	27,156	0	3,950	0	141,555	3,104	4,825	25,921
Total Professional Services	37,437	34,636	53,399	68,730	52,720	27,584	33,689	19,911	170,263	3,104	33,142	113,477
Contract Operator Expenses												
Contract Operator Expenses	3,839,582	3,847,280	3,843,431	4,270,478	2,197,810	2,003,874	3,843,431	1,987,339	4,038,367	3,657,856	3,313,618	3,177,524
Total Contract Operator Expenses	3,839,582	3,847,280	3,843,431	4,270,478	2,197,810	2,003,874	3,843,431	1,987,339	4,038,367	3,657,856	3,313,618	3,177,524
Occupancy and Office												
Mailing & Production												
Printing and Reproduction	0	0	0	58	152	59	58	58	58	128	58	58
Total Mailing & Production	0	0	0	58	152	59	58	58	58	128	58	58
Facility & Equipment Expenses												
Facility Expense	0	3,393	0	353,253	53,393	53,958	53,394	53,394	86,621	50,000	50,000	44,988
Occupancy	0	0	0	0	0	0	0	0	0	3,393	3,393	3,394
Materials & Supplies	122	0	0	6,230	1,404	1,320	541	650	9,931	0	175	2,230
Repairs and Maintenance Expense	0	0	0	0	0	0	0	0	0	1,843	0	0
Total Facility & Equipment Expenses	122	3,393	0	359,483	54,797	55,278	53,935	54,044	96,552	55,236	53,568	50,612
IT & Telecommunications												
Telecommunication Expense	0	0	0	0	0	0	0	0	0	0	0	57
Internet	0	0	0	120	0	120	120	262	134	0	0	133
IT Software & Subscriptions	0	0	0	0	895	99	88	562	1,183	0	269	136
IT Hardware & Equipment	0	1,709	0	6,795	5,729	4,113	0	1,461	0	0	501	0
Total IT & Telecommunications	0	1,709	0	6,915	6,624	4,332	208	2,285	1,317	0	770	326
Licenses & Fees												
Bond Issuance	0	0	0	0	0	0	0	0	304,708	0	0	0
Licenses and Permits Expense	0	0	0	0	0	104	0	0	0	0	350	350
Total Licenses & Fees	0	0	0	0	0	104	0	0	304,708	0	350	350

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Central Iowa Water Works  
Statement of Revenues, Expenses, and Change in Net Position - Trend  
For the Period Ending March 31, 2026

	Month Ending 04/30/2025	Month Ending 05/31/2025	Month Ending 06/30/2025	Month Ending 07/31/2025	Month Ending 08/31/2025	Month Ending 09/30/2025	Month Ending 10/31/2025	Month Ending 11/30/2025	Month Ending 12/31/2025	Month Ending 01/31/2026	Month Ending 02/28/2026	Month Ending 03/31/2026
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Total Occupancy and Office	122	5,102	0	366,456	61,573	59,773	54,201	56,387	402,635	55,364	54,746	51,346
Other												
Travel Expense												
Travel	0	459	175	1,628	0	163	144	1,008	40	0	0	0
Meal and Entertainment Expense	263	0	0	0	0	169	569	976	43	149	0	0
Total Travel Expense	263	459	175	1,628	0	332	713	1,984	83	149	0	0
Business Expenses												
General Insurance Premiums	0	11,464	(8,876)	887	888	887	3,016	4,265	887	887	9,336	888
Advertising and Publishing Expense	2,500	130	162	287	205	744	726	401	535	0	339	0
Public Relations and Communications Expense	0	0	0	38,712	9,169	24,786	0	0	24,689	183	2,370	2,500
Dues and Subscriptions Expense	0	0	5,100	0	0	0	0	1,012	0	0	1,489	5,757
Education and Training	30	703	0	0	0	0	0	0	36	0	25	2,750
Total Business Expenses	2,530	12,297	(3,614)	39,886	10,262	26,417	3,742	5,678	26,147	1,070	13,559	11,895
Other Expenses												
Bank Fees	101	75	75	75	75	75	74	75	75	117	75	75
Miscellaneous Expenses	137	279	186	261	217	277	379	185	(1,829)	185	274	185
Total Other Expenses	238	354	261	336	292	352	453	260	(1,754)	302	349	260
Total Other	3,031	13,110	(3,178)	41,850	10,554	27,101	4,908	7,922	24,476	1,521	13,908	12,155
Depreciation and Amortization												
Depreciation	0	0	0	0	0	5,217,959	573,756	572,978	513,649	543,462	583,707	563,568
Amortization	0	0	0	0	0	0	0	0	8,858	0	0	4,430
Total Depreciation and Amortization	0	0	0	0	0	5,217,959	573,756	572,978	522,507	543,462	583,707	567,998
Total Operating Expenses	3,916,061	3,937,341	3,929,407	4,789,438	2,358,967	7,374,168	4,551,564	2,670,461	5,294,897	4,301,771	4,040,409	3,955,765
Total Operating Revenue(Expense), Net	1,313,044	2,202,383	1,909,874	662,364	3,740,394	(1,004,613)	1,221,595	2,521,784	(808,183)	1,636,278	1,563,654	1,880,484
Non-Operating Revenue(Expense), Net												
Investments, net												
Investment Income	31,062	32,930	36,622	40,032	33,909	40,183	60,706	63,597	102,767	149,852	68,609	84,319
Total Investments, net	31,062	32,930	36,622	40,032	33,909	40,183	60,706	63,597	102,767	149,852	68,609	84,319
Gain (Loss) on Disposal of Capital Assets	0	0	0	0	0	0	0	0	14,529	0	0	0
Interest Expense	70,190	70,189	91,918	70,190	70,190	70,190	70,189	70,189	70,555	88,452	88,451	90,291
Total Non-Operating Revenue(Expense), Net	(39,128)	(37,259)	(55,296)	(30,158)	(36,281)	(30,007)	(9,483)	(6,592)	46,741	61,400	(19,842)	(5,972)
Other Revenue												
Capital Contributions	0	0	0	0	0	258,918,276	0	0	(31,813,906)	0	0	0
Total Other Revenue	0	0	0	0	0	258,918,276	0	0	(31,813,906)	0	0	0
<b>Total Change in Net Position</b>	<b>1,273,916</b>	<b>2,165,124</b>	<b>1,854,578</b>	<b>632,206</b>	<b>3,704,113</b>	<b>257,883,656</b>	<b>1,212,112</b>	<b>2,515,192</b>	<b>(32,575,348)</b>	<b>1,697,678</b>	<b>1,543,812</b>	<b>1,874,512</b>

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Central Iowa Water Works  
Statement of Cash Flows  
As of March 31, 2026  
Year To Date 03/31/2026

	Actual
<b>Cash Flows from Operating Activities</b>	
Proceeds from customers	24,864,115
Payments to Suppliers	(18,222,389)
Payments to Employees	(107,756)
Net Cash Provided by Operating Activities	6,533,970
<b>Cash Flows from Capital and Related Financing Activities</b>	
Acquisition and construction of capital assets	(814,358)
Proceeds on issuance of debt	3,164,950
Proceeds of joint capital payable	370,432
Payment to founding members	(74,448,811)
Interest expense	(267,194)
Net Cash Provided by Capital and Related Financing Activities	(71,994,981)
<b>Cash Flows from Investing Activities</b>	
Investment income	302,779
Purchase of investments	0
Sale of investments	0
Net Cash Provided by Investing Activities	302,779
<b>Net Increase in Cash</b>	<b>(65,158,232)</b>
<b>Cash, Beginning</b>	<b>98,954,073</b>
<b>Cash, Ending</b>	<b>33,792,669</b>
<b>Reconciliation of cash to the statements of net position:</b>	
Cash	29,002,095
Restricted assets, cash	4,790,574
<b>Cash, End of Month</b>	<b>33,792,669</b>

For internal purposes-subject to client review and analysis only. These financial statements were generated from the client's financial reporting system and have not been modified.

Central Iowa Water Works  
Statement of Cash Flows  
As of March 31, 2026  
Year To Date 03/31/2026

	Actual
<b>Reconciliation of operating income to net cash provided by operating activities:</b>	
Operating Income	5,080,417
Adjustments to reconcile operating income to net cash provided by operating	
Depreciation and Amortization	1,695,166
Change in Operating Assets and Liabilities	
(Increase) / Decrease in Assets	
Accounts Receivable	7,485,754
Inventory	-
Prepaid Expenses	(11,296)
Other Current Assets	-
Deferred Outflows	-
Increase / (Decrease) in Liabilities	
Accounts Payable	(306,323)
Accrued Expenses	(7,417,007)
Accrued Payroll	7,260
Other Current Liabilities	-
Deferred Inflows	-
Change in Operating Assets and Liabilities	(241,612)
<b>Net Cash Provided by Operating Activities</b>	<b>6,533,970</b>
<b>Schedule of noncash capital and related financing activities:</b>	
Acquisition of capital assets through capital	1,695,166
Acquisition of capital assets through construction	-
Acquisition of capital assets through lease obligations	-
Acquisition of capital assets through IT subscriptions	-
<b>Schedule of noncash investing activities:</b>	
Net appreciation (depreciation) of the fair value of investments	-

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**Central Iowa Water Works  
Monthly Disbursements Listing - March 2026**

<b>Vendor name</b>	<b>Account title</b>	<b>Amount</b>
Advanced Engineering and Environmental Services	Contracted Engineering Services	9,121.60
Advanced Engineering and Environmental Services	Construction in Progress	30,434.25
Advanced Engineering and Environmental Services	Public Relations and Communications Expense	131.00
Alliance for Water Efficiency	Dues and Subscriptions Expense	1,488.51
American Water Works Association	Dues and Subscriptions Expense	462.00
Automatic Data Processing, Inc.	Miscellaneous Expenses	185.70
Automatic Data Processing, Inc.	Withholding Taxes Payable	7,659.33
Automatic Data Processing, Inc.	Accrued Salary	17,739.47
Bankers Trust Company	Bank Fees	74.90
Bankers Trust Company	Materials & Supplies	2,230.76
Bankers Trust Company	IT Software & Subscriptions	135.93
Bankers Trust Company	Internet	133.33
Bankers Trust Company	Education and Training	2,750.00
Bankers Trust Company	Telecommunication Expense	56.68
Black & Veatch Corporation	Construction in Progress	21,373.75
City of Grimes	Contract Operator Expenses	197,823.00
City of Polk City	Contract Operator Expenses	12,424.00
Cowbell Cyber Inc.	General Insurance Premiums	8,448.63
Dentons Davis Brown PC	Legislative Services	3,000.00
Des Moines Water Works	Prepaid Expenses	27,916.44
Des Moines Water Works	Contract Operator Expenses	2,487,128.00
Des Moines Water Works	Accrued Expenses	4,766,910.58
Gannett Iowa LocalIQ	Advertising and Publishing Expense	339.12
Greater Des Moines Partnership	Dues and Subscriptions Expense	5,000.00
Heartland Business Systems LLC	Contracted IT Services	230.05
IPERS	IPERS Payable	3,932.50
Marco Technologies, LLC	Printing and Reproduction	58.18
Nyemaster Goode, P.C.	Legal	11,940.18
On Track Construction, LLC	Construction in Progress	244,498.20
PFM Financial Advisors, LLC	Contracted Financial Advisory Services	22,690.75
Plains Environmental Services, Inc.	Construction in Progress	23,695.00
Rotary Club of Des Moines AM	Dues and Subscriptions Expense	295.00
RSM US LLP	Accounting	22,380.00
THREE FOUNTAINS II, LLC	Occupancy	6,786.46
Voya Financial	Deferred Compensation	2,800.00
West Des Moines Water Works	Contract Operator Expenses	347,604.00
<b>Sum Total</b>		<b>8,289,877.30</b>



**CENTRAL IOWA WATER WORKS  
BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 5K**

**SUBJECT:** Motion – Receive and File CIWW March 2026 Revenue and Usage Summary

**SUMMARY:**

The March 2026 Revenue and Usage Summary is presented as Item 6F. The summary incorporates a pie chart depicting the proportional contribution of each member to water pumpage and associated billing for March 2026, in addition to cumulative data through the month of March.

**FINANCIAL IMPACT:**

None.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Motion – Receive and File CIWW March 2026 Revenue and Usage Summary

Prepared by: *Ami Madsen*

Central Iowa Water Works  
Member Billing - March Revenue

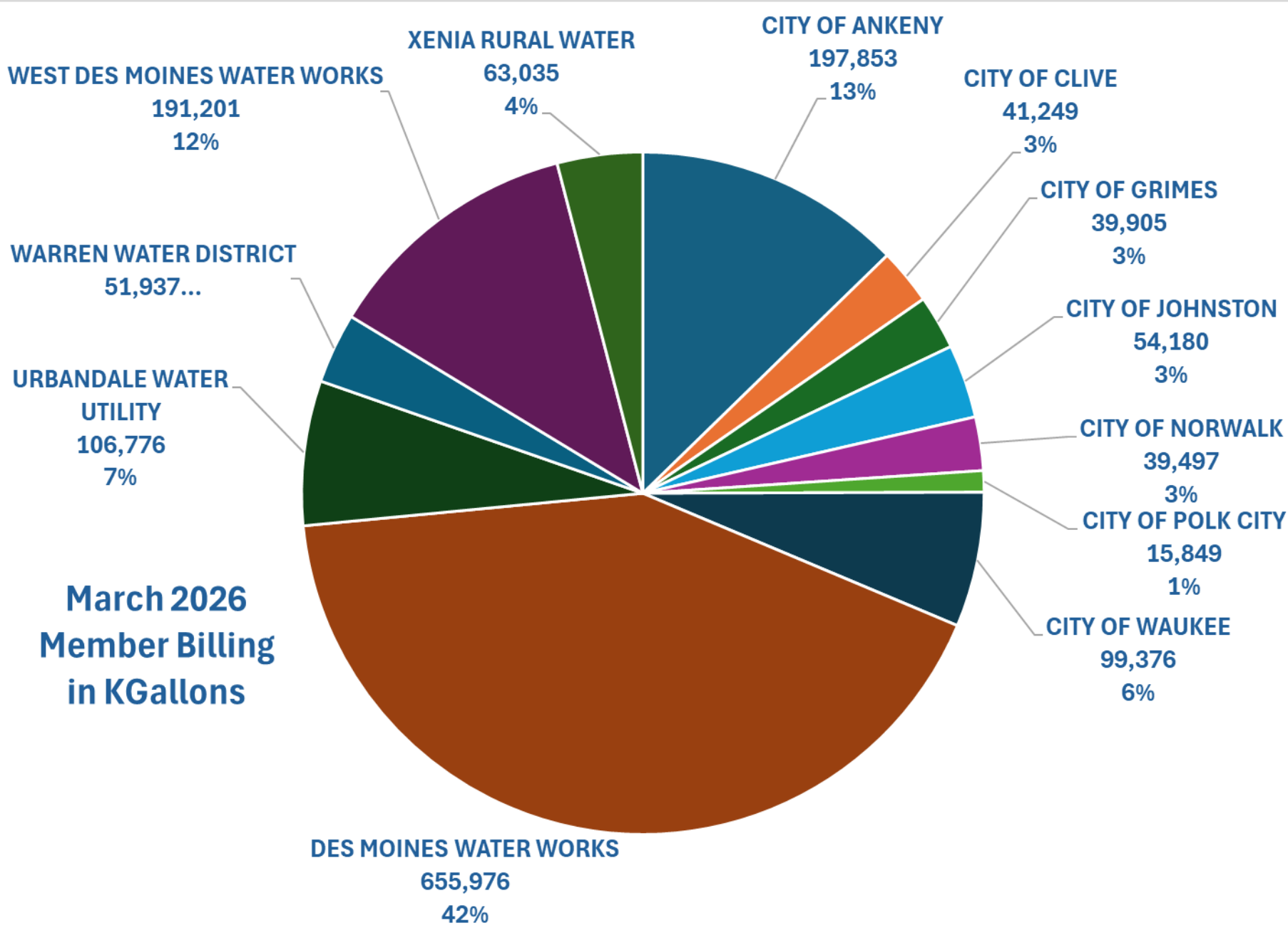
							<u>Consumption</u>		
Member Name	Account #	Bill Code	Description	Cubic Feet	Kgals	March Revenue	Balance	A/R -	
							Forward	Paid	03/31/2026
CITY OF ANKENY	0012470-005039	CE1	CIWW Base - Consumption	8,036,125	60,114	\$143,790.38	\$264,344.45	\$128,232.76	\$279,902.07
	0012470-005040	CE1	CIWW Base - Consumption	4,893,565	36,606	\$87,560.56	\$200,825.29	\$109,320.74	\$179,065.11
	0012470-084793	CE1	CIWW Base - Consumption	4,250,500	31,796	\$76,054.20	\$172,443.79	\$93,839.84	\$154,658.15
	0012470-099890	CE1	CIWW Base - Consumption	5,020,500	37,556	\$89,831.81	\$204,812.22	\$110,927.65	\$183,716.38
	0012470-101656	CE1	CIWW Base - Consumption	4,248,500	31,781	\$76,018.41	\$169,115.69	\$92,247.36	\$152,886.74
	0012470-105134	CF1	CIWW Expansion - Ankeny	0	0	\$63,949.00	\$63,949.00	\$63,949.00	\$63,949.00
		CG4	CIWW Joint Fixed Costs - Ankeny	0	0	\$162,283.00	\$162,283.00	\$162,283.00	\$162,283.00
		0070846-084542	CE1	CIWW Base - Consumption	0	0	\$0.00	\$0.00	\$0.00
<b>CITY OF ANKENY Total</b>				<b>26,449,190</b>	<b>197,853</b>	<b>\$699,487.36</b>	<b>\$1,237,773.44</b>	<b>\$760,800.35</b>	<b>\$1,176,460.45</b>
CITY OF CLIVE	0010362-038471	CE1	CIWW Base - Consumption	1,198,307	8,964	\$21,441.31	\$20,116.49	\$20,116.49	\$21,441.31
	0010362-062939	CE1	CIWW Base - Consumption	27,029	202	\$483.63	\$544.86	\$544.86	\$483.63
	0010362-064409	CE1	CIWW Base - Consumption	1,528,000	11,430	\$27,340.50	\$25,336.49	\$25,336.49	\$27,340.50
	0010362-105135	CF2	CIWW Expansion - Clive	0	0	\$4,890.00	\$0.00	\$4,890.00	\$0.00
		CG5	CIWW Joint Fixed Costs - Clive	0	0	\$76,044.00	\$0.00	\$76,044.00	\$0.00
	0022523-083773	CE1	CIWW Base - Consumption	2,543,930	19,030	\$45,518.54	\$42,174.16	\$42,174.16	\$45,518.54
	0220444-067362	CE1	CIWW Base - Consumption	217,000	1,623	\$3,882.78	\$3,659.12	\$3,659.12	\$3,882.78
<b>CITY OF CLIVE Total</b>				<b>5,514,266</b>	<b>41,249</b>	<b>\$179,600.76</b>	<b>\$91,831.12</b>	<b>\$172,765.12</b>	<b>\$98,666.76</b>
CITY OF GRIMES	0036327-105145	CF5	CIWW Expansion - Grimes	0	0	\$37,340.00	\$0.00	\$37,340.00	\$0.00
		CG8	CIWW Joint Fixed Costs - Grimes	0	0	\$60,649.00	\$0.00	\$60,649.00	\$0.00
	0036327-105152	CE1	CIWW Base - Consumption	5,334,575	39,905	\$95,451.55	\$172,118.79	\$172,118.79	\$95,451.55
<b>CITY OF GRIMES Total</b>				<b>5,334,575</b>	<b>39,905</b>	<b>\$193,440.55</b>	<b>\$172,118.79</b>	<b>\$270,107.79</b>	<b>\$95,451.55</b>
CITY OF JOHNSTON	0024246-057063	CE1	CIWW Base - Consumption	253,000	1,893	\$4,526.93	\$36,376.47	\$26,920.02	\$13,983.38
	0024246-065845	CE1	CIWW Base - Consumption	3,308,500	24,749	\$59,198.99	\$90,950.12	\$41,144.95	\$109,004.16
	0024246-087010	CE1	CIWW Base - Consumption	1,796,400	13,438	\$32,142.99	\$60,179.53	\$28,206.53	\$64,115.99
	0024246-099730	CE1	CIWW Base - Consumption	1,884,872	14,100	\$33,726.01	\$70,239.46	\$35,600.15	\$68,365.32
	0024246-105136	CF4	CIWW Expansion - Johnston	0	0	\$17,198.00	\$17,198.00	\$17,198.00	\$17,198.00
		CG7	CIWW Joint Fixed Costs - Johnston	0	0	\$89,020.00	\$89,020.00	\$89,020.00	\$89,020.00
<b>CITY OF JOHNSTON Total</b>				<b>7,242,772</b>	<b>54,180</b>	<b>\$235,812.92</b>	<b>\$363,963.58</b>	<b>\$238,089.65</b>	<b>\$361,686.85</b>
CITY OF NORWALK	0249590-044039	CE1	CIWW Base - Consumption	2,500,000	18,701	\$44,732.50	\$83,202.45	\$83,202.45	\$44,732.50
	0249590-051829	CE1	CIWW Base - Consumption	10,050	75	\$179.82	\$281.82	\$281.82	\$179.82
	0249590-102922	CE1	CIWW Base - Consumption	2,769,942	20,721	\$49,562.57	\$90,061.64	\$90,061.64	\$49,562.57
	0249590-105137	CF6	CIWW Expansion - Norwalk	0	0	\$18,085.00	\$18,085.00	\$36,170.00	\$0.00
		CG9	CIWW Joint Fixed Costs - Norwalk	0	0	\$45,463.00	\$45,463.00	\$90,926.00	\$0.00
<b>CITY OF NORWALK Total</b>				<b>5,279,992</b>	<b>39,497</b>	<b>\$158,022.89</b>	<b>\$237,093.91</b>	<b>\$300,641.91</b>	<b>\$94,474.89</b>
CITY OF POLK CITY	0237803-005459	CE1	CIWW Base - Consumption	1,096,500	8,202	\$19,619.67	\$34,739.25	\$16,193.17	\$38,165.75
	0237803-105138	CF7	CIWW Expansion - Polk City	0	0	\$4,719.00	\$3,627.00	\$4,719.00	\$3,627.00
		CH1	CIWW Joint Fixed Costs - Polk City	0	0	\$20,921.00	\$17,760.00	\$20,921.00	\$17,760.00
	0237803-105150	CE1	CIWW Base - Consumption	1,022,195	7,647	\$18,290.14	\$44,748.41	\$17,880.65	\$45,157.90
<b>CITY OF POLK CITY Total</b>				<b>2,118,695</b>	<b>15,849</b>	<b>\$63,549.81</b>	<b>\$100,874.66</b>	<b>\$59,713.82</b>	<b>\$104,710.65</b>
CITY OF WAUKEE	0012341-058559	CE1	CIWW Base - Consumption	9,456,437	70,739	\$169,204.03	\$313,835.36	\$162,197.25	\$320,842.14
	0012341-082625	CE1	CIWW Base - Consumption	1,334,000	9,979	\$23,869.26	\$44,795.13	\$21,024.28	\$47,640.11
	0012341-098837	CE1	CIWW Base - Consumption	2,494,246	18,658	\$44,629.54	\$90,954.86	\$48,299.42	\$87,284.98
	0012341-105139	CG1	CIWW Expansion - Waukee	0	0	\$31,890.00	\$31,890.00	\$31,890.00	\$31,890.00
		CH4	CIWW Joint Fixed Costs - Waukee	0	0	\$80,503.00	\$80,503.00	\$80,503.00	\$80,503.00
	<b>CITY OF WAUKEE Total</b>				<b>13,284,683</b>	<b>99,376</b>	<b>\$350,095.83</b>	<b>\$561,978.35</b>	<b>\$343,913.95</b>

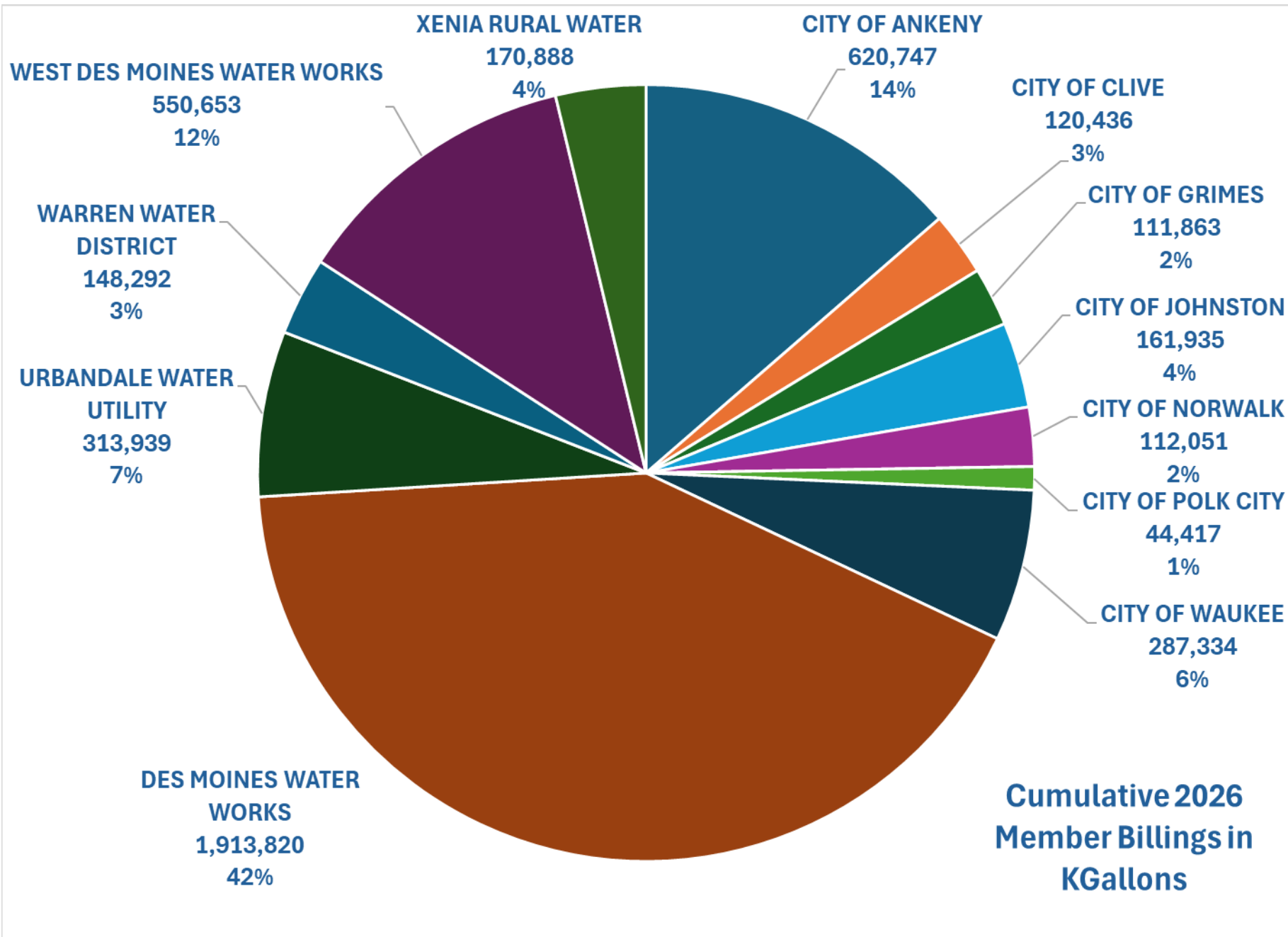
DES MOINES WATER WORKS	0215002-105146	CF3	CIWW Expansion - DMWW	0	0	\$39,565.00	\$0.00	\$39,565.00	\$0.00
		CG6	CIWW Joint Fixed Costs - DMWW	0	0	\$820,712.00	\$0.00	\$820,712.00	\$0.00
	0215002-105149	CE1	CIWW Base - Consumption	87,691,475	655,976	\$1,497,783.56	\$3,008,702.60	\$3,008,702.60	\$1,497,783.56
<b>DES MOINES WATER WORKS Total</b>				<b>87,691,475</b>	<b>655,976</b>	<b>\$2,358,060.56</b>	<b>\$3,008,702.60</b>	<b>\$3,868,979.60</b>	<b>\$1,497,783.56</b>
<b>URBAN DALE WATER UTILITY</b>	<b>0222909-037901</b>	CE1	CIWW Base - Consumption	128	1	\$2.29	\$0.68	\$0.68	\$2.29
	0222909-037902	CE1	CIWW Base - Consumption	4	0	\$0.07	\$0.52	\$0.52	\$0.07
	0222909-037903	CE1	CIWW Base - Consumption	5,028	38	\$89.97	\$54.93	\$54.93	\$89.97
	0222909-052133	CE1	CIWW Base - Consumption	6,419,554	48,021	\$114,865.08	\$112,775.88	\$112,775.88	\$114,865.08
	0222909-054053	CE1	CIWW Base - Consumption	675	5	\$12.08	\$8.16	\$8.16	\$12.08
	0222909-073198	CE1	CIWW Base - Consumption	7,846,750	58,698	\$140,401.90	\$129,648.20	\$129,648.20	\$140,401.90
	0222909-074693	CE1	CIWW Base - Consumption	1,000	7	\$17.89	\$8.95	\$8.95	\$17.89
	0222909-104087	CE1	CIWW Base - Consumption	764	6	\$13.67	\$8.46	\$8.46	\$13.67
	0222909-105140	CF8	CIWW Expansion - UWU	0	0	\$20,076.00	\$0.00	\$20,076.00	\$0.00
		CH2	CIWW Joint Fixed Costs - UWU	0	0	\$185,872.00	\$0.00	\$185,872.00	\$0.00
<b>URBAN DALE WATER UTILITY Total</b>				<b>14,273,903</b>	<b>106,776</b>	<b>\$461,350.95</b>	<b>\$242,505.78</b>	<b>\$448,453.78</b>	<b>\$255,402.95</b>
<b>WARREN RURAL WATER</b>	<b>0150261-005279</b>	CE1	CIWW Base - Consumption	0	0	\$0.00	\$0.00	\$0.00	\$0.00
	0150261-005280	CE1	CIWW Base - Consumption	4,007,000	29,974	\$71,697.25	\$65,264.72	\$65,264.72	\$71,697.25
	0150261-064408	CE1	CIWW Base - Consumption	2,935,955	21,962	\$52,533.04	\$46,974.85	\$46,974.85	\$52,533.04
	0150261-105141	CF9	CIWW Expansion - WWD	0	0	\$4,675.00	\$0.00	\$4,675.00	\$0.00
		CH3	CIWW Joint Fixed Costs - WWD	0	0	\$53,027.00	\$0.00	\$53,027.00	\$0.00
<b>WARREN RURAL WATER Total</b>				<b>6,942,955</b>	<b>51,937</b>	<b>\$181,932.29</b>	<b>\$112,239.57</b>	<b>\$169,941.57</b>	<b>\$124,230.29</b>
<b>WEST DES MOINES WATER WORKS</b>	<b>0102137-085433</b>	CE1	CIWW Base - Consumption	18,400	138	\$329.23	\$261.24	\$0.00	\$590.47
	0189348-085833	CE1	CIWW Base - Consumption	1,367,750	10,231	\$24,473.15	\$15,332.51	\$0.00	\$39,805.66
	0189348-098842	CE1	CIWW Base - Consumption	1,676,291	12,539	\$29,993.87	\$30,415.79	\$0.00	\$60,409.66
	0189348-099617	CE1	CIWW Base - Consumption	3,567	27	\$63.82	\$66.76	\$0.00	\$130.58
	0240344-005548	CE1	CIWW Base - Consumption	2,602	19	\$46.56	\$168.43	\$0.00	\$214.99
	0240344-005549	CE1	CIWW Base - Consumption	548	4	\$9.81	\$0.04	\$0.00	\$9.85
	0240344-048523	CE1	CIWW Base - Consumption	337,000	2,521	\$6,029.94	\$6,423.59	\$0.00	\$12,453.53
	0240344-067347	CE1	CIWW Base - Consumption	0	0	\$0.00	\$8.95	\$0.00	\$8.95
	0240344-084852	CE1	CIWW Base - Consumption	3,833,500	28,676	\$68,592.82	\$62,598.66	\$0.00	\$131,191.48
	0240344-099901	CE1	CIWW Base - Consumption	500	4	\$8.95	\$0.00	\$0.00	\$8.95
	0240344-100863	CE1	CIWW Base - Consumption	346,500	2,592	\$6,199.92	\$6,513.05	\$0.00	\$12,712.97
	0240344-105142	CG2	CIWW Expansion - WDMWW	0	0	\$34,799.00	\$0.00	\$0.00	\$34,799.00
		CH5	CIWW Joint Fixed Costs - WDMWW	0	0	\$254,142.00	\$0.00	\$0.00	\$254,142.00
	0240344-105151	CE1	CIWW Base - Consumption	17,973,264	134,449	\$321,595.61	\$293,729.36	\$0.00	\$615,324.97
<b>WEST DES MOINES WATER WORKS Total</b>				<b>25,559,922</b>	<b>191,201</b>	<b>\$746,284.68</b>	<b>\$415,518.38</b>	<b>\$0.00</b>	<b>\$1,161,803.06</b>
<b>XENIA RURAL WATER</b>	<b>0223361-005186</b>	CE1	CIWW Base - Consumption	1,741,435	13,027	\$31,159.50	\$28,306.08	\$28,306.08	\$31,159.50
	0223361-005187	CE1	CIWW Base - Consumption	229	2	\$4.10	\$4.51	\$4.51	\$4.10
	0223361-085893	CE1	CIWW Base - Consumption	1,480,045	11,071	\$26,482.45	\$23,729.34	\$23,729.34	\$26,482.45
	0223361-098831	CE1	CIWW Base - Consumption	5,204,833	38,935	\$93,130.08	\$76,239.76	\$76,239.76	\$93,130.08
	0223361-105144	CG3	CIWW Expansion - Xenia	0	0	\$1,072.00	\$0.00	\$1,072.00	\$0.00
		CH6	CIWW Joint Fixed Costs - Xenia	0	0	\$56,762.00	\$0.00	\$56,762.00	\$0.00
<b>XENIA RURAL WATER Total</b>				<b>8,426,542</b>	<b>63,035</b>	<b>\$208,610.13</b>	<b>\$128,279.69</b>	<b>\$186,113.69</b>	<b>\$150,776.13</b>
<b>Grand Total</b>				<b>208,118,970</b>	<b>1,556,834</b>	<b>\$5,836,248.73</b>	<b>\$6,672,879.87</b>	<b>\$6,819,521.23</b>	<b>\$5,689,607.37</b>
			CIWW Base - Consumption			\$3,652,592.73		\$6,819,521.23	
			CIWW Expansion			\$278,258.00		\$0.00	
			CIWW Joint Fixed Costs			\$1,905,398.00			
			<b>Total March Revenue</b>			<b>\$5,836,248.73</b>			
						\$0.00			



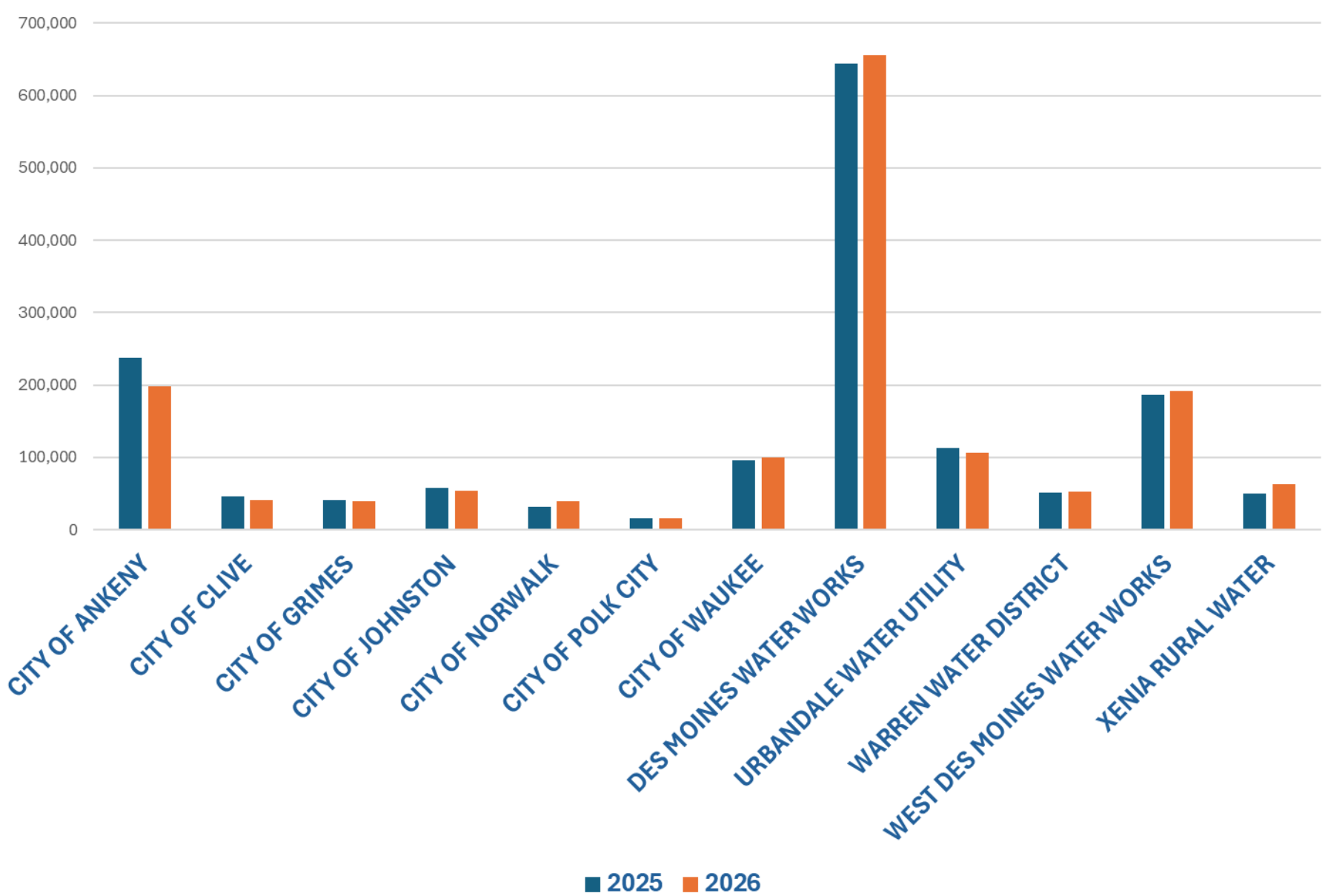
## CIWW March 2026 Usage Summary

Member Agency	March Comparison					Cumulative Comparison				
	2026		2025		Difference	2026		2025		Difference
	Amount	% Total	Amount	% Total	YOY	Amount	% Total	Amount	% Total	YOY
CITY OF ANKENY	197,853	12.71%	237,566	15.15%	-39,713	620,747	13.62%	730,127	15.67%	-109,380
CITY OF CLIVE	41,249	2.65%	45,283	2.89%	-4,034	120,436	2.64%	136,665	2.93%	-16,229
CITY OF GRIMES	39,905	2.56%	40,121	2.56%	-216	111,863	2.46%	112,949	2.42%	-1,086
CITY OF JOHNSTON	54,180	3.48%	58,009	3.70%	-3,829	161,935	3.55%	168,706	3.62%	-6,771
CITY OF NORWALK	39,497	2.54%	32,089	2.05%	7,408	112,051	2.46%	93,036	2.00%	19,015
CITY OF POLK CITY	15,849	1.02%	16,214	1.03%	-365	44,417	0.97%	44,070	0.95%	347
CITY OF WAUKEE	99,376	6.38%	96,036	6.12%	3,340	287,334	6.31%	282,500	6.06%	4,834
DES MOINES WATER WORKS	655,976	42.14%	643,606	41.03%	12,370	1,913,820	42.00%	1,918,925	41.19%	-5,105
URBANDALE WATER UTILITY	106,776	6.86%	113,248	7.22%	-6,472	313,939	6.89%	337,605	7.25%	-23,666
WARREN WATER DISTRICT	51,937	3.34%	51,015	3.25%	922	148,292	3.25%	148,365	3.18%	-73
WEST DES MOINES WATER WORKS	191,201	12.28%	185,985	11.86%	5,216	550,653	12.09%	527,095	11.31%	23,558
XENIA RURAL WATER	63,035	4.05%	49,430	3.15%	13,605	170,888	3.75%	158,820	3.41%	12,068
	1,556,834		1,568,602		-11,768	4,556,375		4,658,863		-102,488

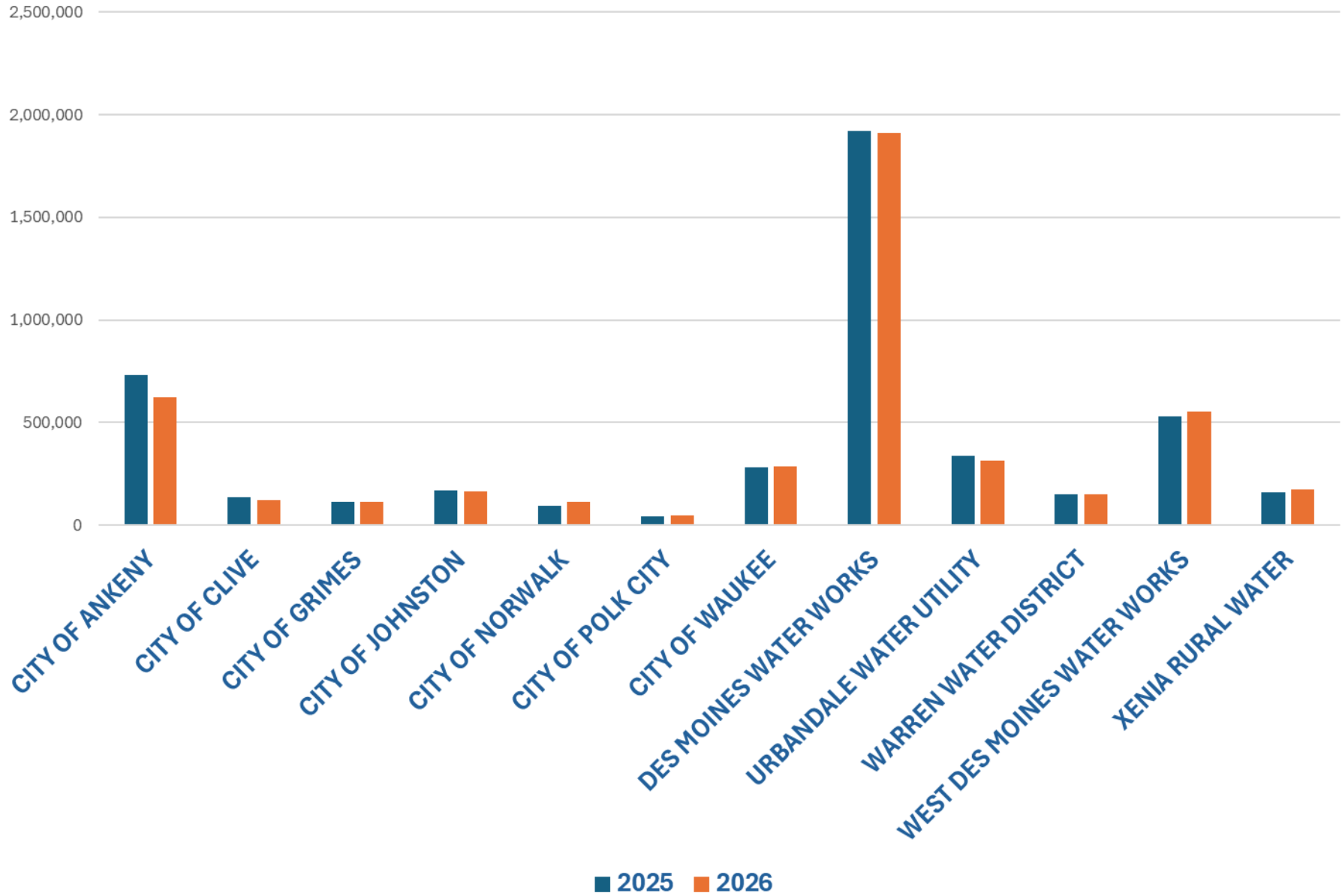




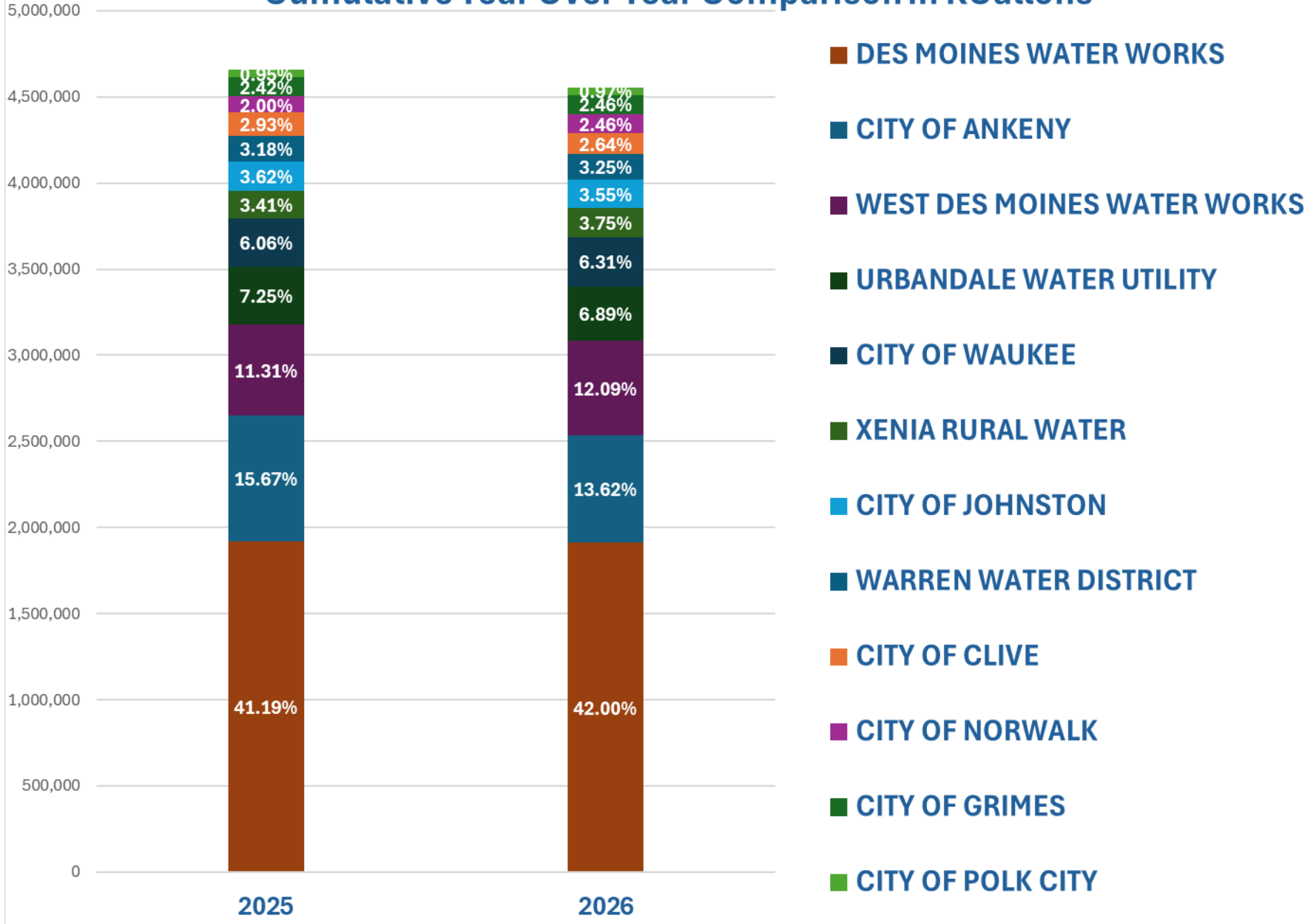
# March Year Over Year Comparison



## Year Over Year Cumulative Comparison



## Cumulative Year Over Year Comparison in KGallons



## **Board of Trustees**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6J**

**SUBJECT: Change in membership in the Water Usage Best Practices Committee**

The Water Usage Best Practices Committee is an ad hoc committee with members appointed by the Board Chair. At the request of West Des Moines Water Works, the Committee Chair recommended that Lyle Hammes be replaced by Josh Heggen as its representative on the CIWW Water Usage Best Practices Committee.

The Board Chair has approved this change.



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6A**

**SUBJECT:** Resolution – Approving Weighted Vote Allocation Among Members

**SUMMARY:**

Article VIII Section 11 outlines the guidance for weighted votes under the 28E/F Agreement:

*Article VIII Section 11(d). For purposes of weighted voting, the full voting power of the Board shall be proportionately allocated and assigned among the Trustees representing the Member Agencies, excluding any Additional Trustees, on the basis of the average of the Annual Demand as set forth in Schedule I-2, but excluding demand attributable to wholesale customers that continue to be served by DMWW under the Purchased Capacity Master Agreement, as updated for the immediately preceding five (5) full calendar years preceding the date of the vote. The allocation shall be recomputed when New Member Agencies are admitted and shall be recomputed each year based upon the total Annual Demand of each Member Agency for the five (5) full calendar years preceding the vote. Votes representing a majority of the “weighted vote allocation” hereunder plus the votes of Trustees representing at least three (3) Member Agencies shall be required to approve Board actions subject to weighted voting under Subsection (b) of this Section. The agenda for any meeting where action will be taken to approve item(s) subject to weighted vote shall include a statement relating to the weighted vote requirement for each such item.*

Attached is the calculated weighted vote to be used after April 22, 2026, and for the remainder of 2026 until such time as the CIWW Agreement requires calculation of a revised Weighted Vote Schedule. All board action related to Bond issuance requires a weighted vote.

**FINANCIAL IMPACT:**

None.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Approve the Resolution outlining Weighted Vote Allocation Among Members

Prepared by: Ami Madsen

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION APPROVING WEIGHTED VOTE ALLOCATION AMONG MEMBERS**

WHEREAS, certain water utilities, rural water districts and governmental entities have established a regional water authority as a separate public entity created under Chapter 28E and Chapter 28F, Iowa Code, known as the "Central Iowa Water Works" ("CIWW") to act as a regional water wholesale production and supply entity under the material terms and conditions as set forth in the Central Iowa Water Works 28E/28F Agreement, filed with the Iowa Secretary of State on April 11, 2024 with Filing Number M516883 (the "CIWW Agreement");

WHEREAS, CIWW establishes a shared regional system of drinking water supply production facilities under regional ownership and governance to meet existing and future needs for safe, reliable, abundant drinking water to be distributed to the customers of its Member Agencies;

WHEREAS, Article VIII, Section 11(a) of the CIWW Agreement provides that a Weighted Vote of the Board of Trustees is required for all matters related to bonds and Article VIII, Section 11(b) of the CIWW Agreement allows for a Weighted Vote of the Board of Trustees on certain other matters if requested in accordance with the CIWW Agreement;

WHEREAS, voting power of the Board must be allocated and assigned among the Trustees from time to time by the Board as calculated in accordance with Article VIII, Section 11(d) the CIWW Agreement; and

WHEREAS, the Board of Trustees, having reviewed the calculation of Weighted Vote Allocations presented to the Board, believes it is correct and should be adopted for use until the next required calculation of the Weighted Vote Allocation.

NOW, THEREFORE IT IS HEREBY RESOLVED, by the Board of Trustees of Central Iowa Water Works:

Section 1. That the Board adopts the Weighted Vote Allocation calculation as presented and adopts the Weighted Vote Allocation Schedule attached as Exhibit A.

Section 2. That the Weighted Vote Allocation as set out therein shall be used after the 22<sup>nd</sup> day of April, 2026, for the remainder of 2026 until such time as the CIWW Agreement requires calculation of a revised Weighted Vote Schedule.

PASSED AND APPROVED this 22ND Day of April, 2026.

\_\_\_\_\_  
Jody E. Smith, Board Chair

Attest:

\_\_\_\_\_  
Diane Munns, Board Secretary

EXHIBIT A

2026 CIWW Weighted Vote Allocation Schedule  
(Effective After April 22, 2026)

MEMBER AGENCY	WEIGHTED VOTE ALLOCATION	AYE	NAY	ABSENT	ABSTAIN
Ankeny	11.666%				
Clive	3.370%				
DMWW	41.556%				
Grimes	3.053%				
Johnston	4.008%				
Norwalk	2.115%				
Polk City	0.966%				
UWU	8.419%				
Warren Water District	3.101%				
Waukee	4.517%				
WDMWW	13.643%				
Xenia	3.586%				
TOTAL	100.000%				

Total Weighted Vote Allocation Voting: \_\_\_\_\_%

Weighted Vote Result:      AYES \_\_\_\_\_%

The above 2026 Weighted Vote Allocation Schedule shall apply to Weighted Votes after April 22, 2026, and until a new Schedule is adopted by the Board of Trustees.



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6B**

**SUBJECT:** Resolution – Adopting Schedule XIX-1 Amended and Restated Water Use Plan

**SUMMARY:**

The update to CIWW’s Water Use Plan represents a comprehensive, multi-month effort that extended beyond a routine revision. The process involved a thorough reevaluation of the plan’s structure, triggers, and applicability to ensure it can effectively respond to a wide range of conditions, including both water quantity and water quality challenges. This included redefining stages, adding a Stage 0 for proactive conservation messaging, providing improved implementation guidance, expanding public communication tools, and focusing on demand-side management.

Equally important was the coordination required across multiple stakeholders. The plan was developed through extensive engagement with regional stakeholders, including Board committees, the Regional Communications Group, the Governance Working Group, emergency management partners, and member agencies. Each group brought unique perspectives and operational considerations, requiring careful integration to ensure the final plan can be consistently implemented across a diverse regional system. Drafts were circulated broadly, and feedback was incorporated through multiple iterations to achieve alignment.

The revised plan also strengthens governance and implementation clarity. Updates define the role of the Board of Trustees, incorporate flexibility for modifications and exceptions, and considers compatibility with the 28E agreement structure. At the same time, the plan addresses practical realities such as enforcement limitations, differences in member agency systems, and the need for clear designation of responsibilities during implementation.

In addition, a coordinated communications framework was developed to support the plan. This includes consistent messaging strategies, development of FAQs, model ordinance language, and alignment with a Joint Information Center (JIC) framework to support unified public communication during all stages.

**FINANCIAL IMPACT:** None

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Move a resolution Adopting Schedule XIX-1 Amended and Restated Water Use Plan

Prepared by: Ami Madsen

**RESOLUTION NO. \_\_\_\_\_**  
**RESOLUTION ADOPTING SCHEDULE XIX-1 AMENDED AND**  
**RESTATED WATER USE PLAN**

WHEREAS, certain water utilities, rural water districts and governmental entities have established a regional water authority as a separate public entity created under Chapter 28E and Chapter 28F, Iowa Code, known as the "Central Iowa Water Works" ("CIWW") to act as a regional water wholesale production and supply entity under the material terms and conditions as set forth in the Central Iowa Water Works 28E/28F Agreement, filed with the Iowa Secretary of State on April 11, 2024 with Filing Number M516883 (the "CIWW Agreement");

WHEREAS, CIWW establishes a shared regional system of drinking water supply production facilities under regional ownership and governance to meet existing and future needs for safe, reliable, abundant drinking water to be distributed to the customers of its Member Agencies;

WHEREAS, Article XIX, Section 1 of the 28E/28F provides that a Water Use Plan may be amended by the Board at any time;

WHEREAS, the Board of Trustees has reviewed the revised Water Use Plan and finds that it is in the best interest of CIWW and its member agencies to adopt the Plan to ensure a proactive, transparent, and coordinated approach to water supply management;

NOW, THEREFORE IT IS HEREBY RESOLVED, by the Board of Trustees of Central Iowa Water Works:

Section 1. That the Board adopts the Schedule XIX-1 amended plan.

Section 2. The Water Shortage Plan is now restated as the Water Use Plan.

PASSED AND APPROVED this 22ND Day of April, 2026.

\_\_\_\_\_  
Jody E. Smith, Board Chair

Attest:

\_\_\_\_\_  
Diane Munns, Board Secretary

**SCHEDULE XIX-1-1**  
**AMENDED AND RESTATED**  
**WATER ~~SHORTAGE~~USE PLAN**

~~The Water Shortage Plan below is adopted by CIWW effective as of the Operational Commencement Date. Such Water Shortage Plan may be amended by Board action at any time~~  
The Amended and Restated Water Use Plan (the “Plan”), also referred to as the Water Shortage Plan, is adopted by the CIWW Board of Trustees effective as of \_\_\_\_\_, 2026. The Plan may be further amended by action of the Board of Trustees at any time.

A. INTRODUCTION

~~This plan~~The Plan will apply to all CIWW Member Agencies and shall be implemented by each Member Agency with its customers.

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

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

The Plan will be implemented using a color-coded alert system to communicate with the public, with each stage assigned a specific name and color. Stage 0 Water Conservation is designated green, Stage I Water Watch is yellow, Stage II Water Alert is orange, Stage III Water Warning (Mandatory) is red, and Stage IV Water Emergency (Mandatory) is magenta.

The authority to initiate a Stage I Water Watch, a Stage II Water Alert, a Stage III Water Warning, or a Stage IV Water Emergency rests with the Board of Trustees, according to the terms of the Plan, based on recommendations provided by the Technical Committee, Operating Contractors, and Executive Director.

Each Member Agency shall designate a primary contact to the Executive Director. This individual will receive notifications on behalf of the Member Agency and, where required, will certify completion of applicable actions.

Unless provided otherwise, once activated, any act of CIWW under the Plan is to be performed by the Executive Director or his or her assigns.

The justification for implementing a Stage 0 Water Conservation is that annual education on water usage best practices is essential to maintaining efficient, affordable, and sustainable water systems. Accordingly, a Stage 0 Water Conservation will be initiated annually in February or March to encourage responsible irrigation practices across the region and will remain in effect until seasonal lawn watering activities have ended.

The ~~premise of~~justification for a Stage I Water Watch is that reducing lawn watering is the most effective way to reduce demand without undue hardship during periods when lawn watering is a

significant source of demand. Stage I may be ~~skipped~~bypassed if a water shortage occurs during a time of year when lawn watering demand is not significant.

The ~~premise of~~justification for a Stage II Water Alert is that particularly high demand may occur when heavy lawn watering events occur. A Stage II Water Alert may be ~~skipped~~bypassed if a water shortage occurs during a time of year when lawn watering is not significant.

The ~~premise of~~justification for a Stage III Water Warning (Mandatory) is that lawn watering ~~comprises~~represents the most readily curtailed use during water shortage events. A Stage III Water Warning (Mandatory) may be ~~skipped~~bypassed if a water shortage occurs during a time of year when lawn watering demand is not significant.

Limiting consumption to a representative average of off-peak months, plus or minus a small allowance, will result in a significant demand reduction compared to peak consumption. This is the ~~premise of~~justification for implementing a Stage IV Water Emergency.

The stages of ~~this plan are~~the Plan will not necessarily be implemented in consecutive. ~~When a water shortage occurs the stage~~ order but will instead be based upon what is deemed most appropriate for the conditions ~~will be implemented~~at that time.

All Member Agencies must comply with the Plan as each stage is implemented. A Member Agency's failure to comply with the Plan may result in increased fees, discontinued service, or both, as set forth below. Such fees and discontinuations of service may be imposed notwithstanding any requirements for notice or opportunity to cure a default available to a Member Agency for an Event of Default as described in the CIWW Chapter 28E and Chapter 28F agreement filed with the Iowa Secretary of State on April 11, 2024, filing number M516883.

The Board of Trustees may, in its discretion, approve temporary modifications or exceptions to the Plan; such modifications and exceptions shall not be considered amendments to the Plan. Any action by the Executive Director or a CIWW committee pursuant to the Plan is subject to review and modification by the Board of Trustees.

**B. CURRENT CAPACITY TO ~~PRODUCT~~PRODUCE SAFE DRINKING WATER AND EXPECTED PEAK DEMAND**

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

$$C_{Total} = C_{Fleur} + C_{McMullen} + C_{Saylorville} + C_{WDMWW} + C_{Polk\ City} + C_{Grimes} + \text{any new plant capacity}$$

Current Capacity will be evaluated on a daily basis when there is potential for a water shortage. Producers responsible for CIWW water production will perform the daily evaluation and report the Current Capacity in Million Gallons per Day.

2. Expected Peak Demand. “Expected Peak Demand” is defined as the peak daily demand that is expected by CIWW without implementation of water shortage measures under ~~this plan~~the Plan.

C. STAGE 0: WATER CONSERVATION  
ANNUAL ENCOURAGEMENT OF WATER USAGE BEST PRACTICES

The alert system color-code for Stage 0 Water Conservation is green.

1. Trigger. Annually in the month of February or March, as determined by CIWW, Stage 0 Water Conservation will be implemented.
2. Goal. Implementing conservation practices allows agencies to proactively manage demand through consistent, early-season outreach that promotes responsible water use, including outdoor irrigation. Annual education on water use best practices helps reduce unnecessary consumption, extend the life of infrastructure, control costs for ratepayers, and ensure a reliable and sustainable water supply.
3. Actions.
  - (a) No official notice is issued.
  - (b) CIWW will design educational material to encourage a system-wide reduction in lawn watering year-over-year.
  - (c) CIWW will collaborate with community leaders, media outlets, lawn and turf professionals, and other regional stakeholders to promote outdoor irrigation best practices.
  - (d) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (e) CIWW and the Member Agencies will share messaging that irrigation should be delayed until turf requires watering. Typically, May for cool-season grasses and June for warm-season grasses.
  - (f) CIWW and the Member Agencies will begin messaging sprinkler tune-ups and proper programming in advance of backflow testing.
  - (g) CIWW and the Member Agencies will message that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.
  - (h) CIWW and the Member Agencies will encourage customers to optimize their lawn watering systems so water is not directed onto impervious surfaces and lawns are not overwatered.
  - (i) CIWW and the Member Agencies will encourage the wise use of water during outdoor activities including washing cars, playing in the sprinkler, playing with water toys, and filling swimming pools.

- (j) CIWW and the Member Agencies will encourage the wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.

4. Enforcement. There will be no enforcement at this stage.

D. STAGE I: WATER WATCH

~~C. PLAN STAGE I:~~ VOLUNTARY 25% REDUCTION IN LAWN WATERING

The alert system color-code for Stage I Water Watch is yellow.

1. Trigger. ~~During~~ A Stage I Water Watch may be initiated by the Board of Trustees during a period of substantial lawn watering demand, when Expected Peak Demand reaches 90% of Current Capacity ~~or~~; system demand ~~is generating a high number of~~ generates areas ~~with~~ of low pressure; or there are other indications that without ~~wise usage of water~~ reductions in demand, a shortage could occur.
2. Anticipated Impact. It is anticipated that Stage I will most likely be triggered during peak lawn watering season. In a typical year lawn watering can account for as much as 40% of demand on a peak day. If this is the case, a 25% reduction in lawn watering will result in a 10% reduction in total demand.
3. Goal. A 10% reduction in CIWW system demands as compared to Expected Peak Demand.
4. Actions.
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage I Water Watch and will provide guidance on what to expect if a Stage II Water Alert is implemented.
  - (b) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (c) ~~(a) Request a metro-wide~~ CIWW and the Member Agencies will issue notifications requesting a system-wide 25% reduction in lawn watering.
  - (d) ~~(b) Encourage customers~~ CIWW and the Member Agencies will issue announcements that reinforce the need to optimize ~~their~~ lawn watering systems so water is not directed onto impervious surfaces and ~~lawns are~~ turf is not overwatered.
  - (e) ~~(c) Continued reinforcement~~ CIWW and the Member Agencies will reinforce messaging that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.
  - (f) ~~(d) Suspend all~~ Member Agencies will suspend all seasonal hydrant flushing programs ~~except~~. Flushing may occur for other water quality purposes that are not routine maintenance.
  - (g) ~~(e) Request that City~~ Member Agencies will request that government officials minimize high water use activities such as street sweeping and ~~watering golf~~

~~course fairways~~ irrigation of sports turf to a level that supports player safety and plant health.

~~(f) Coordinate with Member Agencies to ensure they are relaying the same message.~~

5. Enforcement. There will be no enforcement at this stage.

## E. STAGE II: WATER ALERT

### ~~D. STAGE II-~~ VOLUNTARY 50% REDUCTION IN LAWN WATERING

The alert system color-code for Stage II Water Alert is orange.

1. Trigger. ~~During~~ A Stage II Water Alert may be initiated by the Board of Trustees during a period of substantial lawn watering demand, ~~after Stage I has been implemented and failed to achieve an adequate reduction in consumption,~~ when Expected Peak Demand exceeds 90% of Current Capacity, ~~or,~~ system demand ~~continues to generate~~ generates areas of low pressure; ~~;~~ or there are other indications that without further reductions in demand, a shortage could occur. Stage II may be initiated without first implementing Stage I if the Board of Trustees determines that Expected Peak Demand or the limited source water supply cannot be managed by the measures contemplated by Stage I.
2. Anticipated Impact. It is anticipated that a Stage II Water Alert will most likely be triggered during the peak outdoor water use season. In a typical year, lawn watering can account for as much as 40% of demand on a peak day. If this is the case, a 50% reduction in lawn watering will result in 20% reduction in total demand.
3. Goal. A 20% reduction in system demands as compared to Expected Peak Demand.
4. Actions. Request customers further reduce water consumption by taking the following measures in addition to those to be implemented during the Stage I Water Watch:
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage II Water Alert and will provide guidance on what to expect if a Stage III Water Warning is implemented.
  - (b) CIWW will update the Iowa Department of Natural Resources, community leaders, media outlets, lawn and turf professionals, and other regional stakeholders to promote outdoor irrigation best practices.
  - (c) CIWW will establish lines of communication with Emergency Management partners to distribute notices of voluntary 50% reduction system wide. The Executive Director, or assignee, will determine if activating the Joint Information Center (JIC) is appropriate.
  - (d) CIWW will provide clearly written, easy-to-understand educational materials to Member Agencies for distribution to governing bodies regarding the current situation.
  - (e) CIWW will consider hosting a virtual educational program for community stakeholders to update on the current situation, if appropriate and necessary.
  - (f) CIWW will coordinate with Member Agencies to ensure uniform messaging.

- (g) ~~(i) Request a metro-wide~~ CIWW and the Member Agencies will issue a notification requesting a system-wide 50% reduction in outdoor water use.
- (h) CIWW and the Member Agencies will initiate a campaign to inform the public of water usage best practices highlighting outdoor water use with the goal of a system-wide 50% reduction in lawn watering.
- (i) ~~(ii) Remind customers~~ CIWW and the Member Agencies will issue announcements that reinforce the need to optimize ~~their~~ lawn watering systems, so water is not directed onto impervious surfaces and turf is not overwatered.
  - ~~(iii) Reinforce the recommendation for customers to irrigate on alternate days and excluding Mondays.~~
- (j) CIWW and the Member Agencies will reinforce messaging that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.
- (k) ~~(iv) Encourage~~ CIWW and the Member Agencies will issue announcements that reinforce wise use of water during outdoor activities including washing cars, ~~only as necessary when using a hand-held hose and discontinuing the practice of hosing down driveways or sidewalks.~~
- (l) CIWW and the Member Agencies will encourage the wise use of water while playing in the sprinkler, playing with water toys, and filling swimming pools.
- (m) ~~(v) Encourage~~ CIWW and the Member Agencies will encourage wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.
- (n) ~~(vi) Coordinate with~~ Member Agencies ~~to ensure they are relaying the same message~~ will contact their top ten irrigation users to request a voluntary reduction in use.
  - ~~(vii) Request that public agencies (City, County, or State) set an example by: Closing recreational facilities with known water inefficiencies and suspend the operation of decorative fountains.~~
- (o) Member Agencies will provide city officials with an update on water supply conditions and issue requests for voluntary reductions in high water use activities. This includes minimizing activities such as street sweeping, voluntarily limiting operation of splash pads and other inefficient water fixtures, and reducing irrigation of sports turf, including golf courses, to the minimum necessary to maintain plant health and ensure safe playing conditions.

5. Enforcement. There will be no enforcement at this stage.

F. ~~E.~~ STAGE III: ~~LAWN WATERING PROHIBITED AND NO USE OF AUTOMATIC LAWN WATERING SYSTEMS~~ WATER WARNING (MANDATORY)  
LAWN WATERING PROHIBITED

The alert system color-code for Stage III Water Warning (Mandatory) is red.

1. Trigger. ~~During~~ A Stage III Water Warning may be initiated by the Board of Trustees during a period of substantial lawn watering demand, ~~after Stage I and Stage II have been implemented and failed to achieve an adequate reduction in consumption,~~ when Expected Peak Demand exceeds 90% of Current Capacity, ~~or;~~ system demand ~~continues to generate~~ generates areas of low pressure; ~~;~~ or there are other indications that without ~~further~~ reductions in demand, a shortage could occur. Stage III may be initiated without first implementing Stage I or Stage II if the Board of Trustees determines that Expected Peak Demand or the limited source water supply cannot be managed by the measures contemplated by Stage I or Stage II.
2. Anticipated Impact. It is anticipated that a Stage III Water Warning will most likely be triggered during peak lawn watering season. In a typical year, lawn watering can account for as much as 40% of demand on a peak day. If this is the case, ~~prohibiting the elimination of all~~ lawn watering will result in 40% reduction in total demand.
3. Goal. A 40% reduction in system demands as compared to Expected Peak Demand.
4. Actions. ~~Require members to further~~ Member Agencies are required to reduce water consumption by suspending all lawn watering ~~and the use of all automatic lawn watering systems of their~~ by each Member Agency's customers. This reduction is in addition to ~~all those~~ steps to be implemented in Stage I Water Watch and Stage II. ~~The requirement for placing new sod should be suspended until Stage III is lifted~~ Water Warning.
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage III Water Warning (Mandatory) and will provide guidance on what to expect if a Stage IV Water Emergency is initiated.
  - (b) CIWW will update the Iowa Department of Natural Resources, community leaders, media outlets, lawn and turf professionals, and other regional stakeholders of Stage III Water Warning (Mandatory)
  - (c) CIWW will establish lines of communication with Emergency Management partners to distribute CIWW provided notices of Stage III Water Warning (Mandatory). CIWW will determine if activating the Joint Information Center (JIC) is appropriate.
  - (d) CIWW will provide and manage a list of frequently asked questions (FAQs) related to the implementation of Stage III Water Warning (Mandatory) including contact information for relevant agencies such as the County Health Departments.
  - (e) CIWW will host a virtual educational program for community stakeholders to update on the current water supply status, if appropriate and necessary.
  - (f) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (g) CIWW and the Member Agencies will issue a notification that Stage III Water Warning (Mandatory) is in place.
  - (h) CIWW and the Member Agencies will provide city officials with an update on water supply conditions and reinforce requests for voluntary reductions in high water use activities. This includes minimizing activities such as street sweeping, voluntarily limiting operation by adjusting operating hours of splash pads and other inefficient water fixtures, and reducing irrigation of sports turf, including

golf courses, to the minimum necessary to maintain plant health and ensure safe playing conditions.

- (i) CIWW and the Member Agencies will reinforce the wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.
- (j) CIWW and the Member Agencies will provide information on the wise use of water outdoors when watering vegetable gardens and trees.
- (k) CIWW and the Member Agencies will provide clearly written, easy-to-understand educational materials to member agencies for distribution to governing bodies regarding the current water supply status.
- (l) Member Agencies will prioritize direct contact with their top ten irrigation users to demand immediate suspension and notify all others by the most practical means available.

Sod and seed installation may continue during a Stage III Water Warning. Irrigation is permitted for sod, newly seeded lawns, and erosion control vegetation (stabilization plantings) installed during the current calendar year. During the establishment period, watering for such lawns must be limited to the minimal amount necessary as prescribed by the Iowa State University Extension and Outreach Office to ensure proper root development and must be limited to before 6 am and after 10 pm to reduce evaporation and preserve the water supply. Overseeding is not considered a newly seeded lawn for the purpose of a Stage III Water Warning.

Sports turf and fields, including golf courses, may continue irrigation in this stage provided such irrigation is limited to the minimum necessary to maintain plant health and ensure safe playing conditions.

If 40% of system demand is not achieved and a continued risk to compliance with safe drinking water standards or the water supply is identified, the Technical Committee shall reevaluate sod and seed installation and irrigation activities and submit a formal recommendation to the Board of Trustees. The Board of Trustees may, in its sole discretion, continue, modify, or suspend such activities as appropriate.

5. Enforcement. Customers observed by CIWW or Member Agencies watering their lawn in violation of ~~this policy~~ the Plan will be notified by the Member Agency serving the customer by posting a notice in an obvious location at the customer's property, or, at the discretion of the Member Agency, mailing, calling or emailing the notice using contact information provided by the customer. If lawn watering is ~~not suspended~~ observed again within 48 hours after the customer has been provided with a notice, water service will be terminated by the Member Agency, and any published fees will apply. Water service will only be restored ~~only to the customer~~ upon receipt of an undertaking signed, written acknowledgement by the customer that the customer understands, and will comply with the mandatory conservation measures, and that subsequent violations will result in termination of service. Any subsequent violation will result in further termination of service without further notice to customer until the Stage III Water Warning (Mandatory) conditions have abated. In addition, the use of water for lawn watering in violation of ~~this plan~~ the Plan shall be deemed an unauthorized use of water and ~~Charges for the~~

~~Unauthorized Use of Water/Metering Tampering~~ any charges for the unauthorized use of water/metering tampering shall apply and must be paid before water service will be restored.

Upon the Board of Trustee's initiation of Stage III, CIWW will provide notice to each Member Agency's designated contact that Stage III has been initiated. Within 48 hours of notification, each Member Agency shall certify to CIWW, in writing by email or other agreed upon means, that it has taken the actions set forth in Section 4 of the Stage III requirements. A Member Agency's failure to provide such a certification, or if, in the determination of the Board of Trustees, a Member Agency fails to undertake the actions set forth in Section 4 of the Stage III requirements, the Board of Trustees will have the authority to increase the fees charged to the Member Agency or decrease water access to the Member Agency until, in the Board of Trustees' determination, the Member Agency has complied with Section 4.

G. ~~F.~~ STAGE IV: WATER ~~RATIONING~~ EMERGENCY

The alert system color-code for Stage IV Water Emergency is magenta.

1. Trigger. ~~During~~ A Stage IV Water Emergency may be initiated by the Board of Trustees during periods of substantial lawn watering demand, or other potential shortage after a Stage I Water Watch, Stage II Water Alert, and Stage III Water Warning (Mandatory) have been implemented and failed to achieve an adequate reduction in consumption; when Expected Peak Demand exceeds 90% of Current Capacity, ~~or;~~ when system demand is generating a high number of areas with low pressure, ~~limited;~~ when source water supply, ~~or there are is limited;~~ or when other ~~indications~~ indicator suggest that without ~~wise usage of prudent water use,~~ a shortage could occur. Stage IV may ~~also be invoked, be initiated~~ without ~~resort to first implementing~~ Stages I through III, ~~if the Board of Trustees determines that~~ Expected Peak Demand ~~for any reason and/or the~~ limited source water supply cannot be addressed by the measures contemplated by Stages I through III.
2. Anticipated Impact. ~~It is anticipated that~~ A Stage IV Water Emergency will ~~only~~ be triggered in the event of a significant and severe water shortage, ~~or other event,~~ ~~which~~ that severely reduces capacity relative to demand. In this case, a reduction in demand to the lowest level which will meet public health and safety standards and, when reasonably possible, animal health and safety standards for livestock producers will be sought.

The definition of a "livestock producer" is the same as stated in 7 U.S.C. § 1471(1) (A) to be "(A) a person that is actively engaged in farming and that receives a substantial amount of total income from the production of grain or livestock, as determined by the Secretary, that is:

- (i) an established producer or husbander of livestock or a dairy producer who is a citizen of, or legal resident alien in, the United States; or

- (ii) a farm cooperative, private domestic corporation, partnership, or joint operation in which a majority interest is held by members, stockholders, or partners who are citizens of, or legal resident aliens.”
3. Goal. A reduction in system demands as compared to Expected Peak Demand sufficient to allow ~~the~~ CIWW to meet public health and safety standards, and when reasonably possible, animal health and safety standards.
4. ~~4.—Actions~~. Water rationing measures will be required to be implemented by all Member Agencies and enforced by application of an “Emergency Water Shortage Rate” as described below. In order to implement such a demand, ~~Member Agencies~~ the Technical Committee, in consultation with ~~the CIWW Technical Committee~~ Member Agencies, shall set a target level for demand for each Member Agency consistent with ~~its~~ the Current Capacity ~~and shall use such target~~ to establish a ~~“the “Stage IV Rationed Demand.” as defined in this Plan~~ The Stage IV Rationed Demand may be adjusted by the Technical Committee as conditions change. All Member Agencies will be responsible for asking their customers to reduce their consumption to a level to meet the “Stage IV Rationed Demand.” Member Agencies will be expected to initiate efforts to reduce consumption above such level and will be charged at the Emergency Water Shortage Rate ~~intended to strongly discourage consumption above such level~~.
- a. Water rationing shall consider livestock health and safety needs. The expected decrease for ~~members~~ Member Agencies supplying such needs shall be set by the Technical Committee taking into consideration livestock health and safety needs.
- b. At Stage IV, Member Agencies with alternative available sources of water meeting ~~state~~ applicable drinking water stands shall supplement and/or replace CIWW water from those sources.
5. ~~5.—Enforcement~~. ~~“Stage IV Rationed Demand” means for each~~ Each Member Agency will be responsible for implementing measures to ensure ~~this~~ that the Rationed Demand is not exceeded. Should the “Stage IV Rationed Demand” be exceeded, the Member Agency will be subject to ~~an~~ the Emergency Water Shortage Rate which will be equal to 10 times the established variable rate for any amount in excess of the Rationed Demand, or a lower rate as determined by the Board of Trustees.

Upon the Board of Trustee’s initiation of Stage IV, CIWW will provide notice to each Member Agency’s designated contact that Stage IV has been initiated. Within 48 hours of notification, each Member Agency shall certify to CIWW, in writing by email or other agreed upon means, that it has taken the actions set forth in Section 4 of the Stage IV requirements. A Member Agency’s failure to provide such a certification, or if, in the determination of the Board of Trustees, a Member Agency fails to undertake the actions set forth in Section 4 of the Stage IV requirements, the Board of Trustees will have the authority to increase the fees charged to the Member Agency or decrease water access to the Member Agency until, in the Board of Trustee’s determination, the Member Agency has complied with Section 4.

DRAFT

<b>Summary report:</b> <b>Litera Compare for Word 11.7.0.54 Document comparison done on</b> <b>4/17/2026 3:52:44 PM</b>	
<b>Style name:</b> Default Style	
<b>Intelligent Table Comparison:</b> Active	
<b>Original filename:</b> Water Shortage Plan (Original from 28E).docx	
<b>Modified filename:</b> Water Use Plan 2026-04-16 Draft.docx	
<b>Changes:</b>	
<u>Add</u>	251
<del>Delete</del>	126
<del>Move From</del>	0
<u>Move To</u>	0
<u>Table Insert</u>	0
<del>Table Delete</del>	0
<u>Table moves to</u>	0
<del>Table moves from</del>	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
<b>Total Changes:</b>	<b>377</b>

**SCHEDULE XIX-1  
AMENDED AND RESTATED  
WATER USE PLAN**

The Amended and Restated Water Use Plan (the “Plan”), also referred to as the Water Shortage Plan, is adopted by the CIWW Board of Trustees effective as of \_\_\_\_\_, 2026. The Plan may be further amended by action of the Board of Trustees at any time.

**A. INTRODUCTION**

The Plan will apply to all CIWW Member Agencies and shall be implemented by each Member Agency with its customers.

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

The goal at each stage in the Plan is to reduce CIWW system demands to 85% or less of the “Current Capacity” of CIWW to produce safe drinking water, as defined in the Plan.

The Plan will be implemented using a color-coded alert system to communicate with the public, with each stage assigned a specific name and color. Stage 0 Water Conservation is designated green, Stage I Water Watch is yellow, Stage II Water Alert is orange, Stage III Water Warning (Mandatory) is red, and Stage IV Water Emergency (Mandatory) is magenta.

The authority to initiate a Stage I Water Watch, a Stage II Water Alert, a Stage III Water Warning, or a Stage IV Water Emergency rests with the Board of Trustees, according to the terms of the Plan, based on recommendations provided by the Technical Committee, Operating Contractors, and Executive Director.

Each Member Agency shall designate a primary contact to the Executive Director. This individual will receive notifications on behalf of the Member Agency and, where required, will certify completion of applicable actions.

Unless provided otherwise, once activated, any act of CIWW under the Plan is to be performed by the Executive Director or his or her assigns.

The justification for implementing a Stage 0 Water Conservation is that annual education on water usage best practices is essential to maintaining efficient, affordable, and sustainable water systems. Accordingly, a Stage 0 Water Conservation will be initiated annually in February or March to encourage responsible irrigation practices across the region and will remain in effect until seasonal lawn watering activities have ended.

The justification for a Stage I Water Watch is that reducing lawn watering is the most effective way to reduce demand without undue hardship during periods when lawn watering is a significant source of demand. Stage I may be bypassed if a water shortage occurs during a time of year when lawn watering demand is not significant.

The justification for a Stage II Water Alert is that particularly high demand may occur when heavy lawn watering events occur. A Stage II Water Alert may be bypassed if a water shortage occurs during a time of year when lawn watering is not significant.

The justification for a Stage III Water Warning (Mandatory) is that lawn watering represents the most readily curtailed use during water shortage events. A Stage III Water Warning (Mandatory) may be bypassed if a water shortage occurs during a time of year when lawn watering demand is not significant.

Limiting consumption to a representative average of off-peak months, plus or minus a small allowance, will result in a significant demand reduction compared to peak consumption. This is the justification for implementing a Stage IV Water Emergency.

The stages of the Plan will not necessarily be implemented in consecutive order but will instead be based upon what is deemed most appropriate for the conditions at that time.

All Member Agencies must comply with the Plan as each stage is implemented. A Member Agency's failure to comply with the Plan may result in increased fees, discontinued service, or both, as set forth below. Such fees and discontinuations of service may be imposed notwithstanding any requirements for notice or opportunity to cure a default available to a Member Agency for an Event of Default as described in the CIWW Chapter 28E and Chapter 28F agreement filed with the Iowa Secretary of State on April 11, 2024, filing number M516883.

The Board of Trustees may, in its discretion, approve temporary modifications or exceptions to the Plan; such modifications and exceptions shall not be considered amendments to the Plan. Any action by the Executive Director or a CIWW committee pursuant to the Plan is subject to review and modification by the Board of Trustees.

## B. CURRENT CAPACITY TO PRODUCE SAFE DRINKING WATER AND EXPECTED PEAK DEMAND

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

$$C_{Total} = C_{Fleur} + C_{McMullen} + C_{Saylorville} + C_{WDMWW} + C_{Polk\ City} + C_{Grimes} + \text{any new plant capacity}$$

Current Capacity will be evaluated on a daily basis when there is potential for a water shortage. Producers responsible for CIWW water production will perform the daily evaluation and report the Current Capacity in Million Gallons per Day.

2. Expected Peak Demand. “Expected Peak Demand” is defined as the peak daily demand that is expected by CIWW without implementation of water shortage measures under the Plan.

C. STAGE 0: WATER CONSERVATION  
ANNUAL ENCOURAGEMENT OF WATER USAGE BEST PRACTICES

The alert system color-code for Stage 0 Water Conservation is green.

1. Trigger. Annually in the month of February or March, as determined by CIWW, Stage 0 Water Conservation will be implemented.
2. Goal. Implementing conservation practices allows agencies to proactively manage demand through consistent, early-season outreach that promotes responsible water use, including outdoor irrigation. Annual education on water use best practices helps reduce unnecessary consumption, extend the life of infrastructure, control costs for ratepayers, and ensure a reliable and sustainable water supply.
3. Actions.
  - (a) No official notice is issued.
  - (b) CIWW will design educational material to encourage a system-wide reduction in lawn watering year-over-year.
  - (c) CIWW will collaborate with community leaders, media outlets, lawn and turf professionals, and other regional stakeholders to promote outdoor irrigation best practices.
  - (d) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (e) CIWW and the Member Agencies will share messaging that irrigation should be delayed until turf requires watering. Typically, May for cool-season grasses and June for warm-season grasses.
  - (f) CIWW and the Member Agencies will begin messaging sprinkler tune-ups and proper programming in advance of backflow testing.
  - (g) CIWW and the Member Agencies will message that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.
  - (h) CIWW and the Member Agencies will encourage customers to optimize their lawn watering systems so water is not directed onto impervious surfaces and lawns are not overwatered.
  - (i) CIWW and the Member Agencies will encourage the wise use of water during outdoor activities including washing cars, playing in the sprinkler, playing with water toys, and filling swimming pools.
  - (j) CIWW and the Member Agencies will encourage the wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.

4. Enforcement. There will be no enforcement at this stage.

D. STAGE I: WATER WATCH

VOLUNTARY 25% REDUCTION IN LAWN WATERING

The alert system color-code for Stage I Water Watch is yellow.

1. Trigger. A Stage I Water Watch may be initiated by the Board of Trustees during a period of substantial lawn watering demand when Expected Peak Demand reaches 90% of Current Capacity; system demand generates areas of low pressure; or there are other indications that without reductions in demand, a shortage could occur.
2. Anticipated Impact. It is anticipated that Stage I will most likely be triggered during peak lawn watering season. In a typical year lawn watering can account for as much as 40% of demand on a peak day. If this is the case, a 25% reduction in lawn watering will result in a 10% reduction in total demand.
3. Goal. A 10% reduction in CIWW system demands as compared to Expected Peak Demand.
4. Actions.
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage I Water Watch and will provide guidance on what to expect if a Stage II Water Alert is implemented.
  - (b) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (c) CIWW and the Member Agencies will issue notifications requesting a system-wide 25% reduction in lawn watering.
  - (d) CIWW and the Member Agencies will issue announcements that reinforce the need to optimize lawn watering systems so water is not directed onto impervious surfaces and turf is not overwatered.
  - (e) CIWW and the Member Agencies will reinforce messaging that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.
  - (f) Member Agencies will suspend all seasonal hydrant flushing programs. Flushing may occur for other water quality purposes that are not routine maintenance.
  - (g) Member Agencies will request that government officials minimize high water use activities such as street sweeping and irrigation of sports turf to a level that supports player safety and plant health.

5. Enforcement. There will be no enforcement at this stage.

E. STAGE II: WATER ALERT

VOLUNTARY 50% REDUCTION IN LAWN WATERING

The alert system color-code for Stage II Water Alert is orange.

1. Trigger. A Stage II Water Alert may be initiated by the Board of Trustees during a period of substantial lawn watering demand when Expected Peak Demand exceeds 90% of Current Capacity; system demand generates areas of low pressure; or there are other indications that without reductions in demand, a shortage could occur. Stage II may be initiated without first implementing Stage I if the Board of Trustees determines that Expected Peak Demand or the limited source water supply cannot be managed by the measures contemplated by Stage I.
2. Anticipated Impact. It is anticipated that a Stage II Water Alert will most likely be triggered during the peak outdoor water use season. In a typical year, lawn watering can account for as much as 40% of demand on a peak day. If this is the case, a 50% reduction in lawn watering will result in 20% reduction in total demand.
3. Goal. A 20% reduction in system demands as compared to Expected Peak Demand.
4. Actions. Request customers further reduce water consumption by taking the following measures in addition to those to be implemented during the Stage I Water Watch:
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage II Water Alert and will provide guidance on what to expect if a Stage III Water Warning is implemented.
  - (b) CIWW will update the Iowa Department of Natural Resources, community leaders, media outlets, lawn and turf professionals, and other regional stakeholders to promote outdoor irrigation best practices.
  - (c) CIWW will establish lines of communication with Emergency Management partners to distribute notices of voluntary 50% reduction system wide. The Executive Director, or assignee, will determine if activating the Joint Information Center (JIC) is appropriate.
  - (d) CIWW will provide clearly written, easy-to-understand educational materials to Member Agencies for distribution to governing bodies regarding the current situation.
  - (e) CIWW will consider hosting a virtual educational program for community stakeholders to update on the current situation, if appropriate and necessary.
  - (f) CIWW will coordinate with Member Agencies to ensure uniform messaging.
  - (g) CIWW and the Member Agencies will issue a notification requesting a system-wide 50% reduction in outdoor water use.
  - (h) CIWW and the Member Agencies will initiate a campaign to inform the public of water usage best practices highlighting outdoor water use with the goal of a system-wide 50% reduction in lawn watering.
  - (i) CIWW and the Member Agencies will issue announcements that reinforce the need to optimize lawn watering systems, so water is not directed onto impervious surfaces and turf is not overwatered.
  - (j) CIWW and the Member Agencies will reinforce messaging that customers water on alternate days and excluding Mondays (historically a peak demand day) only if turf requires irrigation, by a system under which even numbered addresses water only on Wednesday, Friday, and Sunday, and odd-numbered addresses water only on Tuesday, Thursday, and Saturday.

- (k) CIWW and the Member Agencies will issue announcements that reinforce wise use of water during outdoor activities including washing cars only as necessary when using a hand-held hose and discontinuing the practice of hosing down driveways or sidewalks.
- (l) CIWW and the Member Agencies will encourage the wise use of water while playing in the sprinkler, playing with water toys, and filling swimming pools.
- (m) CIWW and the Member Agencies will encourage wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.
- (n) Member Agencies will contact their top ten irrigation users to request a voluntary reduction in use.
- (o) Member Agencies will provide city officials with an update on water supply conditions and issue requests for voluntary reductions in high water use activities. This includes minimizing activities such as street sweeping, voluntarily limiting operation of splash pads and other inefficient water fixtures, and reducing irrigation of sports turf, including golf courses, to the minimum necessary to maintain plant health and ensure safe playing conditions.

5. Enforcement. There will be no enforcement at this stage.

#### F. STAGE III: WATER WARNING (MANDATORY) LAWN WATERING PROHIBITED

The alert system color-code for Stage III Water Warning (Mandatory) is red.

- 1. Trigger. A Stage III Water Warning may be initiated by the Board of Trustees during a period of substantial lawn watering demand when Expected Peak Demand exceeds 90% of Current Capacity; system demand generates areas of low pressure; or there are other indications that without reductions in demand, a shortage could occur. Stage III may be initiated without first implementing Stage I or Stage II if the Board of Trustees determines that Expected Peak Demand or the limited source water supply cannot be managed by the measures contemplated by Stage I or Stage II.
- 2. Anticipated Impact. It is anticipated that a Stage III Water Warning will most likely be triggered during peak lawn watering season. In a typical year, lawn watering can account for as much as 40% of demand on a peak day. If this is the case, the elimination of all lawn watering will result in 40% reduction in total demand.
- 3. Goal. A 40% reduction in system demands as compared to Expected Peak Demand.
- 4. Actions. Member Agencies are required to reduce water consumption by suspending all lawn watering by each Member Agency's customers. This reduction is in addition to those steps to be implemented in Stage I Water Watch and Stage II Water Warning.
  - (a) CIWW will issue a press release informing the public that the Board of Trustees has declared a Stage III Water Warning (Mandatory) and will provide guidance on what to expect if a Stage IV Water Emergency is initiated.

- (b) CIWW will update the Iowa Department of Natural Resources, community leaders, media outlets, lawn and turf professionals, and other regional stakeholders of Stage III Water Warning (Mandatory)
- (c) CIWW will establish lines of communication with Emergency Management partners to distribute CIWW provided notices of Stage III Water Warning (Mandatory). CIWW will determine if activating the Joint Information Center (JIC) is appropriate.
- (d) CIWW will provide and manage a list of frequently asked questions (FAQs) related to the implementation of Stage III Water Warning (Mandatory) including contact information for relevant agencies such as the County Health Departments.
- (e) CIWW will host a virtual educational program for community stakeholders to update on the current water supply status, if appropriate and necessary.
- (f) CIWW will coordinate with Member Agencies to ensure uniform messaging.
- (g) CIWW and the Member Agencies will issue a notification that Stage III Water Warning (Mandatory) is in place.
- (h) CIWW and the Member Agencies will provide city officials with an update on water supply conditions and reinforce requests for voluntary reductions in high water use activities. This includes minimizing activities such as street sweeping, voluntarily limiting operation by adjusting operating hours of splash pads and other inefficient water fixtures, and reducing irrigation of sports turf, including golf courses, to the minimum necessary to maintain plant health and ensure safe playing conditions.
- (i) CIWW and the Member Agencies will reinforce the wise use of water indoors including identifying and repairing leaking fixtures, washing only full loads in dishwashers and washing machines, shorter showers, etc.
- (j) CIWW and the Member Agencies will provide information on the wise use of water outdoors when watering vegetable gardens and trees.
- (k) CIWW and the Member Agencies will provide clearly written, easy-to-understand educational materials to member agencies for distribution to governing bodies regarding the current water supply status.
- (l) Member Agencies will prioritize direct contact with their top ten irrigation users to demand immediate suspension and notify all others by the most practical means available.

Sod and seed installation may continue during a Stage III Water Warning. Irrigation is permitted for sod, newly seeded lawns, and erosion control vegetation (stabilization plantings) installed during the current calendar year. During the establishment period, watering for such lawns must be limited to the minimal amount necessary as prescribed by the Iowa State University Extension and Outreach Office to ensure proper root development and must be limited to before 6 am and after 10 pm to reduce evaporation and preserve the water supply. Overseeding is not considered a newly seeded lawn for the purpose of a Stage III Water Warning.

Sports turf and fields, including golf courses, may continue irrigation in this stage provided such irrigation is limited to the minimum necessary to maintain plant health and ensure safe playing conditions.

If 40% of system demand is not achieved and a continued risk to compliance with safe drinking water standards or the water supply is identified, the Technical Committee shall

reevaluate sod and seed installation and irrigation activities and submit a formal recommendation to the Board of Trustees. The Board of Trustees may, in its sole discretion, continue, modify, or suspend such activities as appropriate.

5. Enforcement. Customers observed by CIWW or Member Agencies watering their lawn in violation of the Plan will be notified by the Member Agency serving the customer by posting a notice in an obvious location at the customer's property, or, at the discretion of the Member Agency, mailing, calling or emailing the notice using contact information provided by the customer. If lawn watering is observed again within 48 hours after the customer has been provided with a notice, water service will be terminated by the Member Agency, and any published fees will apply. Water service will only be restored to the customer upon receipt of a signed, written acknowledgement by the customer that the customer understands, and will comply with the mandatory conservation measures, and that subsequent violations will result in termination of service. Any subsequent violation will result in further termination of service without further notice to customer until the Stage III Water Warning (Mandatory) conditions have abated. In addition, the use of water for lawn watering in violation of the Plan shall be deemed an unauthorized use of water and any charges for the unauthorized use of water/metering tampering shall apply and must be paid before water service will be restored.

Upon the Board of Trustee's initiation of Stage III, CIWW will provide notice to each Member Agency's designated contact that Stage III has been initiated. Within 48 hours of notification, each Member Agency shall certify to CIWW, in writing by email or other agreed upon means, that it has taken the actions set forth in Section 4 of the Stage III requirements. A Member Agency's failure to provide such a certification, or if, in the determination of the Board of Trustees, a Member Agency fails to undertake the actions set forth in Section 4 of the Stage III requirements, the Board of Trustees will have the authority to increase the fees charged to the Member Agency or decrease water access to the Member Agency until, in the Board of Trustees' determination, the Member Agency has complied with Section 4.

#### G. STAGE IV: WATER EMERGENCY

The alert system color-code for Stage IV Water Emergency is magenta.

1. Trigger. A Stage IV Water Emergency may be initiated by the Board of Trustees during periods of substantial lawn watering demand, or other potential shortage after a Stage I Water Watch, Stage II Water Alert, and Stage III Water Warning (Mandatory) have been implemented and failed to achieve an adequate reduction in consumption; when Expected Peak Demand exceeds 90% of Current Capacity; when system demand is generating a high number of areas with low pressure; when source water supply is limited; or when other indicator suggest that without prudent water use, a shortage could occur. Stage IV may be initiated without first implementing Stages I through III if the Board of Trustees determines that Expected Peak Demand or the limited source water supply cannot be addressed by the measures contemplated by Stages I through III.

2. Anticipated Impact. A Stage IV Water Emergency will be triggered in the event of a significant and severe water shortage or other event that severely reduces capacity relative to demand. In this case, a reduction in demand to the lowest level which will meet public health and safety standards and, when reasonably possible, animal health and safety standards for livestock producers will be sought.

The definition of a “livestock producer” is the same as stated in 7 U.S.C. § 1471(1) (A) to be “(A) a person that is actively engaged in farming and that receives a substantial amount of total income from the production of grain or livestock, as determined by the Secretary, that is:

- (i) an established producer or husbander of livestock or a dairy producer who is a citizen of, or legal resident alien in, the United States; or
  - (ii) a farm cooperative, private domestic corporation, partnership, or joint operation in which a majority interest is held by members, stockholders, or partners who are citizens of, or legal resident aliens.”
3. Goal. A reduction in system demands as compared to Expected Peak Demand sufficient to allow CIWW to meet public health and safety standards, and when reasonably possible, animal health and safety standards.
  4. Actions. Water rationing measures will be required to be implemented by all Member Agencies and enforced by application of an “Emergency Water Shortage Rate” as described below. In order to implement such a demand, the Technical Committee, in consultation with Member Agencies, shall set a target level for demand for each Member Agency consistent with the Current Capacity to establish the “Stage IV Rationed Demand.” The Stage IV Rationed Demand may be adjusted by the Technical Committee as conditions change. All Member Agencies will be responsible for asking their customers to reduce their consumption to a level to meet the “Stage IV Rationed Demand.” Member Agencies will be expected to initiate efforts to reduce consumption above such level and will be charged at the Emergency Water Shortage Rate.
    - a. Water rationing shall consider livestock health and safety needs. The expected decrease for Member Agencies supplying such needs shall be set by the Technical Committee taking into consideration livestock health and safety needs.
    - b. At Stage IV, Member Agencies with alternative available sources of water meeting applicable drinking water standards shall supplement and/or replace CIWW water from those sources.
  5. Enforcement. Each Member Agency will be responsible for implementing measures to ensure that the Rationed Demand is not exceeded. Should the Stage IV Rationed Demand be exceeded, the Member Agency will be subject to the Emergency Water Shortage Rate which will be equal to 10 times the established variable rate for any amount in excess of the Rationed Demand, or a lower rate as determined by the Board of Trustees.

Upon the Board of Trustee's initiation of Stage IV, CIWW will provide notice to each Member Agency's designated contact that Stage IV has been initiated. Within 48 hours of notification, each Member Agency shall certify to CIWW, in writing by email or other agreed upon means, that it has taken the actions set forth in Section 4 of the Stage IV requirements. A Member Agency's failure to provide such a certification, or if, in the determination of the Board of Trustees, a Member Agency fails to undertake the actions set forth in Section 4 of the Stage IV requirements, the Board of Trustees will have the authority to increase the fees charged to the Member Agency or decrease water access to the Member Agency until, in the Board of Trustee's determination, the Member Agency has complied with Section 4.

DRAFT



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6C**

**SUBJECT:** Resolution - Approving an Amendment to the Resolution Authorizing Issuance of Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C, dated January 3, 2025, and Authorizing Execution and Delivery of Amendment to Interim Loan and Disbursement Agreement (A weighted vote is required. Such vote requires votes representing a majority of the weighted vote allocation plus votes representing at least three (3) member agencies for the action to be adopted by the board.)

**SUMMARY:**

The Planning and Design Loan (P&D) for the Saylorville Water Treatment Plant 10MGD Expansion will mature on July 14, 2026. This is a three-year, zero-interest financing arrangement administered by the Iowa Finance Authority.

The engineering team has indicated that construction is not expected to begin until December 2026. Accordingly, it is in CIWW's best interest to defer entering into a construction loan and instead extend the zero-interest P&D loan until the project reaches the construction phase.

The Iowa Finance Authority has agreed to extend the maturity of the planning and design loan to July 14, 2028. This extension allows CIWW to continue utilizing the zero-interest loan for planning and design activities until a construction loan is required.

This was brought before the Finance & Audit Committee at the March 19, 2026, Finance & Audit Meeting where they approved a recommendation to the board to extend the loan maturity date from July 14, 2026, to July 14, 2028.

**FINANCIAL IMPACT:**

Allows CIWW to continue to utilize the zero-interest loan for planning and design activities until a construction loan is required.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Approve an Amendment to the Resolution Authorizing Issuance of Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C, dated January 3, 2025, and Authorizing Execution and Delivery of Amendment to Interim Loan and Disbursement Agreement.

Prepared by: Jami Madsen

(This Notice to be posted)

NOTICE AND CALL OF PUBLIC MEETING

Governmental Body: The Board of Trustees of Central Iowa Water Works  
Date of Meeting: April 22, 2026  
Time of Meeting: \_\_\_\_\_ o'clock \_\_\_\_ .M.  
Place of Meeting: 3 Fountains Edgewater Building, 4200 University Avenue, Suite 134, West Des Moines, Iowa

PUBLIC NOTICE IS HEREBY GIVEN that the above mentioned governmental body will meet at the date, time and place above set out. The tentative agenda for said meeting is as follows:

\$10,599,673 Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C (Amendment)

- Resolution approving an amendment to the resolution authorizing issuance of Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C, dated January 3, 2025, and authorizing execution and delivery of Amendment to Interim Loan and Disbursement Agreement

Such additional matters as are set forth on the additional \_\_\_\_\_ page(s) attached hereto.  
(number)

This notice is given at the direction of the Chairperson pursuant to Chapter 21, Code of Iowa, and the local rules of said governmental body.

\_\_\_\_\_  
Secretary of the Board of Trustees of  
Central Iowa Water Works

April 22, 2026

The Board of Trustees of Central Iowa Water Works met in \_\_\_\_\_ session,  
in the 3 Fountains Edgewater Building, 4200 University Avenue, Suite 134, West Des  
Moines, Iowa, at \_\_\_\_\_ o'clock \_\_\_\_\_.M., on the above date. There were present  
Chairperson \_\_\_\_\_, in the chair, and the following named Board Members:

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

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

\* \* \* \* \*

Board Member \_\_\_\_\_ introduced the following Resolution entitled " RESOLUTION APPROVING AN AMENDMENT TO THE RESOLUTION AUTHORIZING ISSUANCE OF WATER REVENUE CAPITAL LOAN NOTES ANTICIPATION PROJECT NOTE, SERIES 2025C, DATED JANUARY 3, 2025, AND AUTHORIZING EXECUTION AND DELIVERY OF AMENDMENT TO INTERIM LOAN AND DISBURSEMENT AGREEMENT", and moved that the same be adopted. Board Member \_\_\_\_\_ seconded the motion to adopt. The roll was called and the vote was,

MEMBER AGENCY	WEIGHTED VOTE ALLOCATION	AYE	NAY	ABSENT or ABSTAIN
Ankeny	11.649%			
Clive	3.432%			
DMWW	41.671%			
Johnston	4.032%			
Grimes	3.017%			
Norwalk	2.065%			
Polk City	0.974%			
UWU	8.439%			
Warren Water District	3.087%			
Waukee	4.213%			
WDMWW	13.861%			
Xenia	3.560%			
TOTAL	100.000%			

**Total Weighted Vote Allocation Voting: \_\_\_\_\_%**

**Weighted Vote Result:       AYES \_\_\_\_\_%**

**NAYS \_\_\_\_\_%**

Whereupon, the Chairperson declared the Resolution duly adopted as follows:

RESOLUTION APPROVING AN AMENDMENT TO THE  
RESOLUTION AUTHORIZING ISSUANCE OF WATER  
REVENUE CAPITAL LOAN NOTES ANTICIPATION  
PROJECT NOTE, SERIES 2025C, DATED JANUARY 3, 2025,  
AND AUTHORIZING EXECUTION AND DELIVERY OF  
AMENDMENT TO INTERIM LOAN AND DISBURSEMENT  
AGREEMENT

WHEREAS, pursuant to a resolution approved on December 6, 2024 (the "Resolution"), Central Iowa Water Works (hereinafter the "Issuer") previously issued its Water Revenue Capital Loan Notes Anticipation Project Note, Series 2025C, dated January 3, 2025, to the extent of \$10,599,673 ("the Note"), pursuant to an Interim Loan and Disbursement Agreement between Issuer and the Iowa Finance Authority, dated of like date (the "Agreement"), for the purpose of defraying preliminary costs of the Project (as defined in the Resolution); and

WHEREAS, under the foregoing Resolution, one Note was issued, in the principal amount of \$10,599,673; and

WHEREAS, Section 3 of the Resolution and the Agreement provided that the final maturity date of the Note shall be July 14, 2026; and

WHEREAS, the Iowa Finance Authority has agreed to extend the maturity date of the Note to July 14, 2028; and

WHEREAS, an Amendment to the Agreement (hereinafter the "Amendment") has been prepared to reflect that the final maturity date of the Note shall be July 14, 2028, a copy of which is attached hereto as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF  
CENTRAL IOWA WATER WORKS:

Section 1. The Resolution and Agreement are hereby amended to provide that the final maturity date of the Note shall be extended from July 14, 2026 to July 14, 2028, and all references to the maturity date of the Note in the Resolution and the Agreement and the Note shall be deemed to be revised to provide that the final maturity of the Note shall be July 14, 2028.

Section 2. The Amendment in substantially the form attached to this Resolution is hereby authorized to be executed and issued on behalf of the Issuer by the Chairperson and attested by the Secretary of the Board of Trustees.

Section 3. The Chairperson and Secretary are hereby authorized to sign any other necessary documents to effectuate the purposes of the Amendment.

Section 4. Except as amended herein, all of the other terms and conditions of the Resolution and the Agreement are in all respects ratified, confirmed and approved and shall remain in full force and effect.

PASSED AND APPROVED this \_\_\_\_ day of \_\_\_\_\_, 2026.

\_\_\_\_\_  
Chairperson

ATTEST:

\_\_\_\_\_  
Secretary of the Board of Trustees



EXHIBIT A

AMENDMENT TO

IFA INTERIM LOAN AND DISBURSEMENT AGREEMENT

This Amendment (the “Amendment”) to IFA Interim Loan and Disbursement Agreement is made and entered into as of May 15, 2026, by and between Central Iowa Water Works (the “Borrower”) and the Iowa Finance Authority, an agency and public instrumentality of the State of Iowa (the “Lender”), and amends that certain IFA Interim Loan and Disbursement Agreement dated January 3, 2025, by and between the Lender and Central Iowa Water Works (the “Original Agreement”).

WHEREAS, the Lender, in cooperation with the Iowa Department of Natural Resources, is authorized to undertake the creation, administration and financing of the Iowa Water Pollution Control Works Financing Program and the Drinking Water Facilities Financing Program established in Iowa Code Sections 455B.291 through 455B.299; and

WHEREAS, the Maturity Date set forth in the Original Agreement is July 14, 2026; and

WHEREAS, Central Iowa Water Works has requested, and the Lender has agreed, to extend the Maturity Date set forth in the Original Agreement to July 14, 2028; and

WHEREAS, the Board of Trustees of Central Iowa Water Works has approved the extension of the Maturity Date by resolution on April 22, 2026;

NOW, THEREFORE, the parties agree as follows:

Section 1. Notwithstanding anything to the contrary therein, the Maturity Date of the Original Agreement shall be July 14, 2028.

Section 2. Except as otherwise provided in this Amendment, the provisions of the Original Agreement, as heretofore amended, are hereby ratified, approved and confirmed and incorporated herein.

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

CENTRAL IOWA WATER WORKS

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

Attest:

\_\_\_\_\_  
Secretary of the Board of Trustees

IOWA FINANCE AUTHORITY

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

Its: \_\_\_\_\_





Address:  
4601 Westown Parkway, Suite 122  
West Des Moines, IA 50266  
email: [info@ciww.gov](mailto:info@ciww.gov)

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Date: March 20, 2026  
To: Board of Trustees  
From: Tami Madsen, Executive Director  
Subject: Capacity Allocation | West Plant and Grimes Expansion

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Advanced Engineering and Environmental Services (AE2S) was engaged to develop recommendations for allocating available capacity from the West Plant and the Grimes Expansion projects. The process included collecting surveys from the member agencies, conducting individual meetings with each of the twelve member agencies, facilitating meetings of a water allocation small group comprised of representatives from the Executive Committee, the Finance and Audit Committee, the Long Range and Capital Improvements Committee, and volunteers from the Technical Committee, and presenting findings to both the Technical Committee and full Board of Trustees.

The process was highly involved, and I would like to thank all the participants for their time and effort in providing their expertise and accurate and timely information.

Five alternatives were presented for consideration, guided by two primary principles:

- Principle One: Allocate available capacity solely based on the amount requested by each member agency while preserving 15 percent buffer capacity.
- Principle Two: Allocate available capacity solely based on each member agency's projected future need, inclusive of a 15 percent buffer, bringing all agencies to a common level of water supply deficiency without regard to the agency's requested capacity.

To preserve the balance of the scoring and ensure the represented members only scored one time, only the nine Technical Committee volunteers participating in the small group ranked the five alternatives. The option aligned with Principle One received the highest ranking and an option aligned with Principle Two ranked second. The selected alternative brings each member agency to a 15 percent buffer capacity and provides each agency with at least 50 percent of its requested capacity allocation. The second option brought each agency to a common deficiency point but provided zero capacity to three of the requesting agencies.

The recommendation made by the Allocation Small Group is:

**Alternative No. 1 – 15% Buffer Capacity Refill**

*Alternative number one focused on reestablishing the 15% buffer capacity need for members that began their CIWW membership in a buffer deficiency position upon the execution of the 28E/F Agreement. Under this allocation approach, available capacity would first be directed toward refilling member buffer deficits prior to proportionally allocating additional requested capacity.*

The following table indicates the results of the recommendation:

Member	Capacity Request (Low)	Capacity Allocation Alternatives					Capacity Request (High)
		1. Buffer Need Refill	2. Speculative Industrial Deferral	3. Saylorville 1 Replication	4a. Common Projection Point (Full Industrial)	4b. Common Projection Point (Contract Ind Only)	
City of Ankeny	0.00	0.00	0.00	0.30	0.00	0.00	0.00
City of Clive	0.50	0.50	0.45	0.24	0.43	0.40	0.60
Des Moines Water Works	9.10	6.01	6.01	4.65	5.77	5.47	12.80
City of Grimes	0.50	0.52	0.00	0.74	0.00	0.00	1.00
City of Johnston	1.70	0.88	1.26	1.51	1.47	1.74	1.70
City of Norwalk	1.78	1.84	2.05	1.81	1.74	1.69	3.56
City of Polk City	0.10	0.05	0.07	0.19	0.00	0.09	0.10
Urbandale Water Utility	0.75	0.39	0.19	0.00	0.00	0.00	0.75
Warren Water District	0.50	0.59	0.56	0.37	0.63	0.60	0.75
City of Waukee	1.00	0.77	0.74	1.79	1.11	1.42	1.50
West Des Moines Water Works	2.38	3.76	3.97	3.70	4.15	3.89	7.27
Xenia Rural Water District	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>18.31</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>30.03</b>

\*Neither the City of Ankeny nor Xenia Rural Water submitted a capacity request.

**Strategic Outlook**

Projections developed through this exercise indicate that, under this alternative, anticipated demand from member agencies is expected to exceed the planned available capacity from the Grimes Expansion and West Plant projects as early as 2030 for some agencies and between 2032 and 2034 for the many others.

Overall, projections indicate that CIWW’s system-wide demand is expected to exceed available capacity, even after completion of the West Plant and the Grimes Expansion, around 2033. Further analysis will be required to guide system planning beyond the allocation of these two projects, including consideration of additional capacity, by the Long-Range Planning and Capital Improvements Committee, the Technical Committee, and the Board of Trustees. A board workshop will be scheduled to review capacity demand projections and discuss long-range planning considerations.

I am available to respond to any questions you may have, either prior to the board meeting or at any other convenient time.

## MEMORANDUM

**To:** Tami Madsen, Executive Director  
Central Iowa Water Works (CIWW)

**From:** AE2S

**Re:** **Capacity Allocation & Projections Update**

**Date:** February 19, 2026

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### BACKGROUND

Over the past several months, AE2S has continued to advance member water demand projections, capacity requests, and treatment capacity allocations in coordination with CIWW member entities and the small capacity allocation working group. This effort was intended to establish a consistent, transparent, and technically defensible framework for allocating planned treatment capacity associated with the Grimes and West Water Treatment Plant expansion projects.

AE2S recently conducted one-on-one coordination meetings with each CIWW member agency to review projection inputs, confirm planning assumptions, and discuss requested treatment capacity allocations. These discussions provided clarity on growth methodologies, planning horizons, and system needs, and informed subsequent refinements to member projections and allocation requests.

### WORK COMPLETED THIS PAST MONTH

Over the last month, AE2S finalized updated population projections, water demand forecasts, and treatment capacity allocation requests based on feedback received during the one-on-one member coordination meetings. An overview of these revisions was presented to the small capacity allocation working group, including key changes in projected demands and resulting impacts to regional treatment capacity needs.

To support treatment capacity allocation decision-making, AE2S developed four allocation scenario alternatives at the direction of the small working group designed to evaluate varying approaches for distributing planned treatment capacity.



## DEVELOPED ALLOCATION SCENARIO ALTERNATIVES

### Alternative No. 1 – 15% Buffer Capacity Refill

This alternative focused on reestablishing the 15% buffer capacity need for members that began their CIWW membership in a buffer deficiency position upon the execution of the 28E/F Agreement. Under this allocation approach, available capacity would first be directed toward refilling member buffer deficits prior to proportionally allocating additional requested capacity.

### Alternative No. 2 – Contracted vs. Speculative Industrial Demand

This scenario deferred speculative industrial demand and incorporated only contracted or committed industrial demand requests for member agencies, representing a more conservative planning approach.

### Alternative No. 3 – Saylorville I Replication

This alternative distributed capacity proportionally based on future projected growth needs using the same methodology applied during the allocation of the Saylorville I expansion under the 28E/F Agreement.

### Alternative No. 4 – Common Projection Point Framework

This approach normalized member projections to a shared planning year corresponding to a regional treatment capacity deficiency point. Alternative No. 4 was split out into two sub-alternatives as Option 4a which considered all reported industrial demand through 2040, while Option 4b limited industrial inputs to contracted/committed industrial demand only.

## ALLOCATION SCENARIO RESULTS SUMMARY

AE2S evaluated how each allocation methodology distributed available treatment capacity across members. Results are summarized below in Table 1 – Capacity Allocation Alternative Results. Each scenario distributes the 15.30 MGD of available treatment capacity, with variations driven by allocation methodology, industrial demand assumptions, and buffer restoration considerations. It should be noted that member capacity requests overall exceed the available capacity available for the Grimes and West WTP expansions. Because of this, the allocation alternatives in nearly all instances were unable to meet member preferred requests (on a High request basis).



Member	Capacity Allocation Alternatives						Capacity Request (High)
	Capacity Request (Low)	1. Buffer Need Refill	2. Speculative Industrial Deferral	3. Saylorville 1 Replication	4a. Common Projection Point (Full Industrial)	4b. Common Projection Point (Contract Ind Only)	
City of Ankeny	0.00	0.00	0.00	0.30	0.00	0.00	0.00
City of Clive	0.50	0.50	0.45	0.24	0.43	0.40	0.60
Des Moines Water Works	9.10	6.01	6.01	4.65	5.77	5.47	12.80
City of Grimes	0.50	0.52	0.00	0.74	0.00	0.00	1.00
City of Johnston	1.70	0.88	1.26	1.51	1.47	1.74	1.70
City of Norwalk	1.78	1.84	2.05	1.81	1.74	1.69	3.56
City of Polk City	0.10	0.05	0.07	0.19	0.00	0.09	0.10
Urbandale Water Utility	0.75	0.39	0.19	0.00	0.00	0.00	0.75
Warren Water District	0.50	0.59	0.56	0.37	0.63	0.60	0.75
City of Waukee	1.00	0.77	0.74	1.79	1.11	1.42	1.50
West Des Moines Water Works	2.38	3.76	3.97	3.70	4.15	3.89	7.27
Xenia Rural Water District	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>18.31</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>30.03</b>

Table 1 – Capacity Allocation Alternative Results (MGD)

## PROJECTED CAPACITY SUFFICIENCY EVALUATION

AE2S also evaluated the projected year in which member treatment capacity would be fully utilized under each allocation scenario compared to the growth projections submitted by the member agencies. This analysis provided insight into regional system resiliency and timing of future expansion needs.

Results of this analysis are summarized below in Table 2 – Capacity Allocation Alternatives: Projected Capacity Sufficiency Year.

Member	Capacity Allocation Alternatives - Projected Capacity Sufficiency Year				
	1. Buffer Need Refill	2. Speculative Industrial Deferral	3. Saylorville 1 Replication	4a. Common Projection Point (Full Industrial)	4b. Common Projection Point (Contract Ind Only)
City of Ankeny	2038	2038	2039	2038	2038
City of Clive	2040	2038	<2030	2033	2034
Des Moines Water Works	2034	2034	2031	2033	2034
City of Grimes	2036	2033	2036	2033	2034
City of Johnston	2030	2032	2033	2033	2034
City of Norwalk	2033	2034	2033	2033	2034
City of Polk City	2034	2034	2036	2033	2034
Urbandale Water Utility	2040	2040	2040	2040	2040
Warren Water District	2033	2031	<2030	2033	2034
City of Waukee	2032	2032	2035	2033	2034
West Des Moines Water Works	2032	2033	2032	2033	2034
Xenia Rural Water District	2040	2040	2040	2040	2040

Table represents projected point where capacity allocation alternative meets projected demand by year

Table 2 – Capacity Allocation Alternatives: Projected Capacity Sufficiency Year



## SMALL WORKING GROUP VOTING RESULTS

After presentation of the allocation alternatives to the small capacity allocation working group, the nine Technical Committee members participating in the working group were asked to evaluate and rank each allocation alternative. Rankings were compiled using weighted average ranking with the highest average ranking (i.e. lowest numerical value) indicating the most preferred alternative. It should be noted that a vote was not received by one member agency at the time the results were presented to the small working group, but testing of the scoring indicated that their rankings would not have affected the outcome of the most preferred alternative.

Based on the aggregated results, Alternative No. 1 – Buffer Capacity Refill received the highest average ranking, and after discussion, this alternative became the consensus recommendation of the working group. This approach prioritizes refilling 15% buffer deficiencies and reallocating remaining capacity on a pro rata basis relative to member agency requests.

Support for Alternative No. 1 was centered around an approach that best preserves long-term planning flexibility by allowing agencies to request additional treatment capacity as future needs materialize, rather than being constrained solely by current demand projections. In general, it was felt that allocations should lean toward providing requested capacity vs. proportioning projections as was done in Alternatives 3 and 4. As a result, the buffer refill was viewed as striking a more balanced approach between addressing existing reserve capacity deficiencies while maintaining future flexibility for member agencies.

Alternative 4a. was the second highest ranked option and there was some discussion and vocal support from group members around the variations of this alternative. This discussion primarily focused on the benefits of providing all member agencies requesting capacity with consistent growth potential into the future. Ultimately, however, it was felt that the resultant allocations from this alternative were too disproportionate to actual capacity requests of the member agencies.

Working Group TC Member	Alt. 1	Alt. 2		Alt. 3	Alt 4a.	Alt 4b.
	Refilling Buffer	Speculative Industrial	Deferral	Saylorville 1 Replicator	Common Projection Point (Full Industrial)	Common Projection Point (Contracted Industrial)
Technical Committee Member 1	3	4	4	5	2	1
Technical Committee Member 2	1	4	4	5	3	2
Technical Committee Member 3	2	4	4	5	1	3
Technical Committee Member 4	4	5	5	2	3	1
Technical Committee Member 5	2	3	3	1	4	5
Technical Committee Member 6	1	2	2	4	3	5
Technical Committee Member 7	1	4	4	2	3	5
Technical Committee Member 8	2	5	5	4	3	1
Technical Committee Member 9						
Weighted Ranking	2.00	3.88	3.88	3.50	2.75	2.88

Table 3 – Allocation Scenario Voting Results



## NEXT STEPS & BOARD CONSIDERATIONS

With the evaluation process complete, the next phase focuses on Board review and policy discussion. Key considerations include review of the recommended allocation methodology, associated system capacity impacts, and confirmation of whether the framework should advance as the basis for preliminary capacity allocation planning tied to the Grimes and West WTP expansions.

Other key considerations discussed during the working group meetings included:

1. The future planning of ASR infrastructure (either member or CIWW provided) to offset future system treatment capacity requirements.
2. The need to formalize and adopt a policy related to each CIWW member agency maintaining a 15% buffer capacity requirement during demand projections development with the policy outlining the actions to be taken by members who frequently demonstrate the utilization of buffer capacity in the future.
3. The need for a formal commitment to proceed near-term with the Saylorville II WTP expansion to ensure sufficient system-wide capacity for CIWW and its member agencies whose capacity requests are not being fully met with the current Grimes and West Plant expansions. Table 4 below indicates where the aggregated member demand projections are expected to be deficient with respect to the future available capacity of 15.3 MGD from the West WTP and Grimes WTP expansion projects. This capacity deficiency projection point being less than 10-years into the future was a primary discussion point in the small working group meetings and member one-on-one meetings.

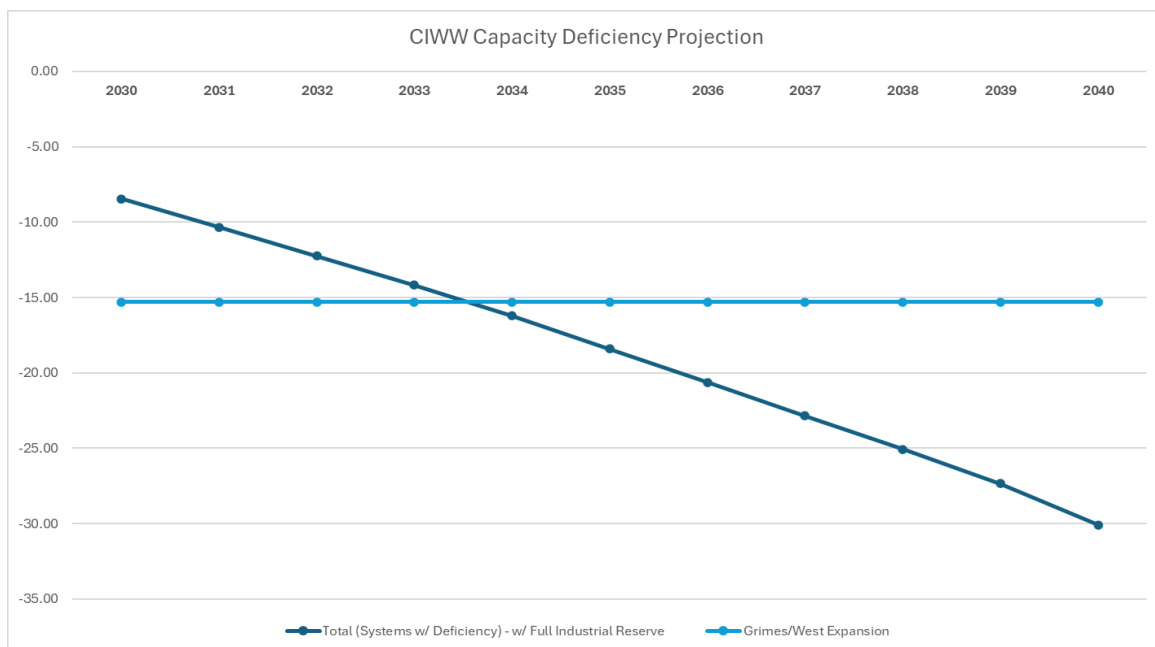


Table 4 – CIWW Capacity Deficiency Demand Projections (MGD)





# **Member Capacity Allocation Alternatives for Grimes and West WTP Expansions**

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February 11, 2026 - V4 (Final Alternative Rankings and  
Reduced Request for DMWW Alt1/2)



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# Overview

- **Projections and Capacity Request Update:**
  - Projections and capacity requests solicited from Members in October and November
  - AE2S reviewed submitted projection and capacity request information and updated master projections spreadsheet
- **Discussion Today to Focus on Following:**
  - Updated Projections and Preliminary Capacity Requests have been reviewed with the Capacity Allocation Working Group, Technical Committee, and Board of Trustees
  - AE2S directed to develop Capacity Allocation alternatives for Working Group review and recommendation
  - Four primary allocation alternatives have been developed for consideration

# Items for Discussion

- Member Capacity Request 1-on-1 Meetings:
  - Recap and Takeaways
  - Projections/Request Revisions
- Allocation Alternatives Review
- Allocation Alternatives Summary and Request Comparison
- Future Capacity Expansion Considerations

Current Member Request Summary (MGD)	Projected 2030 Capacity Surplus (Deficiency) with Saylorville Allocation*	Capacity Request Current (Low)	Projected 2040 Capacity Surplus (Deficiency) with Saylorville Allocation*	Capacity Request Current (High)
City of Ankeny	4.557	0.00	(0.585)	0.00
City of Clive	(0.367)	0.50	(0.468)	0.60
Des Moines Water Works	(3.724)	9.10	(9.137)	12.8
City of Grimes	(0.381)	0.50	(2.911)	1.00
City of Johnston	(0.671)	1.70	(2.975)	1.70
City of Norwalk	(0.781)	0.781	(3.563)	3.563
City of Polk City	0.194	0.50	(0.378)	0.50
Urbandale Water Utility	0.127	0.75	0.199	0.75
Warren Water District	(0.187)	0.50	(0.700)	0.50
City of Waukee	1.081	1.00	(0.071)	1.50
West Des Moines Water Works	(2.380)	2.38	(5.545)	5.55
Xenia Rural Water District	0.957	0.00	0.588	0.00
<b>Totals</b>	<b>(1.58)</b>	<b>17.71</b>	<b>(25.54)</b>	<b>28.46</b>

# Preliminary Member Capacity Requests (12-10-25)

\*Note – Capacity surplus (deficiency) values include full 15% buffer requirement for all Members

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Current Member Request Summary (MGD)	Projected 2030 Capacity Surplus (Deficiency) with Saylorville Allocation*	Capacity Request Current (Low)	Projected 2040 Capacity Surplus (Deficiency) with Saylorville Allocation*	Capacity Request Current (High)
City of Ankeny	4.557	0.00	(0.585)	0.00
City of Clive	(0.367)	0.50	(0.468)	0.60
Des Moines Water Works	(3.724)	9.10	(9.137)	12.8
City of Grimes	<b>0.873</b>	0.50	<b>(1.457)</b>	1.00
City of Johnston	(0.671)	1.70	(2.975)	1.70
City of Norwalk	(0.781)	<b>1.781</b>	(3.563)	3.563
City of Polk City	0.194	<b>0.10</b>	(0.378)	<b>0.10</b>
Urbandale Water Utility	0.127	0.75	0.199	0.75
Warren Water District	<b>(0.526)</b>	0.50	<b>(0.732)</b>	<b>0.75</b>
City of Waukee	<b>0.046</b>	1.00	<b>(3.522)</b>	1.50
West Des Moines Water Works	(2.380)	2.38	<b>(7.270)</b>	<b>7.27</b>
Xenia Rural Water District	0.957	0.00	0.588	0.00
<b>Totals</b>	<b>(1.70)</b>	<b>18.31</b>	<b>(29.30)</b>	<b>30.03</b>

# Updated Member Capacity Requests (1-28-26)

\*Note – Capacity surplus (deficiency) values include full 15% buffer requirement for all Members

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# Member Demand/Projections Revisions

- City of Grimes – Projections Change (Updated to Correct Version of Simplified Spreadsheet)
- City of Norwalk – Request Change (Ensure request exceeds 2030 demand projection)
- City of Polk City – Request Change (Original request value incorrect)
- Warren Water District – Projections and Request Change (Based on revised projections analysis)
- City of Waukee – Projections Change (Removed unapproved ASR expansion)
- WDMWW – Projections and Request Change (Removed unapproved ASR expansion)

# Capacity Allocation Alternatives

## **Allocation Alternatives Review:**

1. Buffer Capacity Need Refill and Request Proportioning
2. Speculative Industrial Reserve Deferral and Request Proportioning
3. Pro Rata Allocation Matching Growth Projection (Replicating Saylorville Allocation)
4. Common Growth Projection Point:
  - a. With Full Industrial Request
  - b. With Contract Only Industrial Request

# **Alt. 1 – Buffer Capacity Need Refill**

## **Key Considerations:**

1. With the original 28E/28F agreement execution, it appears certain Members were without enough Buffer Capacity at the onset of the Agreement (after the allocation of the Saylorville 1 capacity expansion) considering 15% Buffer Need beyond Historical Max Day Utilization of Capacity (HMDUC) from 2018-2025
2. This approach is meant to refill the current Buffer Capacity deficiency then distribute remainder capacity requests on a pro rata basis

# Buffer Capacity Deficiency Calculation

Member	HMDUC (2018-2025) Schedule I-2B	Total Current 15% Buffer Need	Total Current Capacity Need w/ 15% Buffer	Total Current CIWW Capacity w/ Saylorville 1	Total Buffer Surplus (Deficiency)
City of Ankeny	9.65	1.45	11.10	17.44	6.34
City of Clive	4.28	0.64	4.92	4.53	-0.39
Des Moines Water Works	45.44	6.82	52.26	49.55	-2.71
City of Grimes	3.89	0.58	4.47	8.58	4.10
City of Johnston	5.37	0.81	6.18	7.32	1.14
City of Norwalk	2.87	0.43	3.30	4.79	1.49
City of Polk City	1.41	0.21	1.62	1.86	0.23
Urbandale Water Utility	10.56	1.58	12.14	14.41	2.26
Warren Water District	3.29	0.49	3.78	3.37	-0.41
City of Waukee	4.72	0.71	5.43	8.34	2.91
West Des Moines Water Works	15.51	2.33	17.84	18.56	0.72
Xenia Rural Water District	3.18	0.48	3.66	5.76	2.10
<b>Total</b>	<b>110.17</b>	<b>16.53</b>	<b>126.70</b>	<b>144.50</b>	<b>17.80</b>

# Alt. 1 – Buffer Capacity Need Refill

Member	Current Capacity Request (High)	Buffer Refill Allocation	Remainder Capacity Request	Proportion of Remainder Capacity Request	Pro Rata Allocation (after Buffer Refill)	(Buffer Refill + Pro Rata Request)
City of Ankeny	0.00	0.00	0.00	0.00%	0.00	0.00
City of Clive	0.60	0.39	0.21	0.92%	0.11	0.50
Des Moines Water Works	9.10	2.71	6.40	28.02%	3.30	6.01
City of Grimes	1.00	0.00	1.00	4.38%	0.52	0.52
City of Johnston	1.70	0.00	1.70	7.45%	0.88	0.88
City of Norwalk	3.56	0.00	3.56	15.61%	1.84	1.84
City of Polk City	0.10	0.00	0.10	0.44%	0.05	0.05
Urbandale Water Utility	0.75	0.00	0.75	3.29%	0.39	0.39
Warren Water District	0.75	0.41	0.34	1.48%	0.17	0.59
City of Waukee	1.50	0.00	1.50	6.57%	0.77	0.77
West Des Moines Water Works	7.27	0.00	7.27	31.85%	3.76	3.76
Xenia Rural Water District	0.00	0.00	0.00	0.00%	0.00	0.00
<b>Total</b>	<b>26.33</b>	<b>3.51</b>	<b>22.83</b>	<b>100.00%</b>	<b>11.79</b>	<b>15.30</b>



# **Alt. 2 – Speculative Industrial Reserve Deferral**

## **Key Considerations:**

1. Objective under this allocation approach is to provide all members desired capacity request based on ‘real’ growth aspect of the request
2. Approach reviewed all industrial requests submitted by members for 2040 and subtracted out all industrial requests currently understood to be speculative
3. Remainder requests were then proportioned and disturbed on a Pro Rata basis

# Alt. 2 – Speculative Industrial Reserve Deferral

Member Industrial Reserve Requests		
	2030	2040
City of Ankeny	0.50	1.00
City of Clive		
Des Moines Water Works	0.50	1.00
City of Grimes	2.00	3.00
City of Johnston		
City of Norwalk	0.65*	1.45
City of Polk City		
Urbandale Water Utility		0.50
Warren Water District		
City of Waukee	0.50	0.50
West Des Moines Water Works	2.80*	4.30
Xenia Rural Water District	0.75	0.75
<b>Total</b>	<b>7.70</b>	<b>12.50</b>

\* Denotes Industrial Reserve Request indicated by Member to be under contract or in current active negotiation

All other industrial requests were classified as speculative



## Alt. 2b – Speculative Industrial Reserve Deferral

Member	Current Capacity Request (High)	Current Industrial Reserve Request (2040)	Remainder Capacity Request w/o Industrial Reserve	Current Industrial Reserve Request (Contracted / In-Negotiation)	Capacity Request less Total Industrial plus Contracted	Proportion of Capacity Request w/ Contracted Industrial	Pro Rata Capacity Allocation
City of Ankeny	0.00	1.00	0.00	0.00	0.00	0.00%	0.00
City of Clive	0.60	0.00	0.60	0.00	0.60	2.91%	0.45
Des Moines Water Works	9.10	1.00	8.10	0.00	8.10	39.30%	6.01
City of Grimes	1.00	3.00	0.00	0.00	0.00	0.00%	0.00
City of Johnston	1.70	0.00	1.70	0.00	1.70	8.25%	1.26
City of Norwalk	3.56	1.45	2.11	<b>0.65</b>	2.76	13.40%	2.05
City of Polk City	0.10	0.00	0.10	0.00	0.10	0.49%	0.07
Urbandale Water Utility	0.75	0.50	0.25	0.00	0.25	1.21%	0.19
Warren Water District	0.75	0.00	0.75	0.00	0.75	3.64%	0.56
City of Waukee	1.50	0.50	1.00	0.00	1.00	4.85%	0.74
West Des Moines Water Works	7.27	4.30	2.97	<b>2.38</b>	5.35	25.95%	3.97
Xenia Rural Water District	0.00	0.75	0.00	0.00	0.00	0.00%	0.00
<b>Total</b>	<b>26.33</b>	<b>12.50</b>	<b>17.58</b>	<b>3.03</b>	<b>20.61</b>	<b>100.00%</b>	<b>15.30</b>

# **Alt. 3 – Saylorville 1 Allocation Replication**

## **Key Considerations:**

1. 28E/28F Agreement included an approach for the allocation of the first Saylorville expansion project (Schedule IV-10)
2. Approach allocated capacity to Members based their share of growth beyond existing allocated capacity prior to Saylorville expansion
3. Share of growth was based on the projections made in the 2017 Long Range Plan
4. **Alternative 3 Replication:**
  - Share of growth based on updated 2040 Member projections (vs. 2017 LRP)
  - Growth calculated as projections to the year 2040 beyond capacity allocated after the Saylorville 1 expansion

# 28E/28F - Schedule IV-10

## Saylorville Expansion Allocation

Member	V-3 Initial Capacity MGD	Pro Rata 2017 LRP %		Resiliency	Growth	Total \$	Pro Rata Allocation of Costs	Saylorville Capacity Allocation MGD
		Pro Rata Initial Capacity %	Growth %					
Ankeny	15.026	11.172%	24.150%	\$1,599,256	\$34,954,502	\$36,553,758	22.981%	2.415
Clive	4.370	3.249%	1.610%	\$465,090	\$2,330,300	\$2,795,390	1.758%	0.161
DMWW	48.344	35.943%	12.070%	\$5,145,189	\$17,470,015	\$22,615,204	14.219%	1.207
Johnston	6.690	4.974%	6.300%	\$712,021	\$9,118,566	\$9,830,587	6.181%	0.630
Grimes	7.156	5.320%	14.220%	\$761,551	\$20,581,906	\$21,343,457	13.419%	1.422
Norwalk	4.107	3.054%	6.840%	\$437,176	\$9,900,157	\$10,337,333	6.499%	0.684
Polk City	1.681	1.250%	1.740%	\$178,936	\$2,518,461	\$2,697,397	1.696%	0.174
UWU	13.716	10.198%	6.920%	\$1,459,829	\$10,015,948	\$11,475,777	7.215%	0.692
Warren Water District	3.211	2.387%	1.610%	\$341,696	\$2,330,300	\$2,671,996	1.680%	0.161
Waukee	7.128	5.300%	12.070%	\$758,688	\$17,470,014	\$18,228,702	11.461%	1.207
WDMWW	17.312	12.871%	12.470%	\$1,842,466	\$18,048,971	\$19,891,437	12.506%	1.247
Xenia	5.759	4.282%	0.000%	\$612,962	\$0	\$612,962	0.385%	0.000
<b>Totals</b>	<b>134.500</b>	<b>100.000%</b>	<b>100.000%</b>	<b>\$14,314,860</b>	<b>\$144,739,140</b>	<b>\$159,054,000</b>	<b>100.000%</b>	<b>10.000</b>

# Alt. 3 – Saylorville 1 Allocation Replication

Member	Allocated Capacity after Saylorville 1	Current Member Projected Growth (2040)	Projected Growth Exceeding Current Capacity	Proportion of 2040 Growth %	Pro Rata Capacity Allocation
City of Ankeny	17.44	18.03	0.58	1.94%	0.30
City of Clive	4.53	5.00	0.47	1.56%	0.24
Des Moines Water Works	49.55	58.69	9.14	30.37%	4.65
City of Grimes	8.58	10.03	1.46	4.84%	0.74
City of Johnston	7.32	10.30	2.98	9.89%	1.51
City of Norwalk	4.79	8.35	3.56	11.84%	1.81
City of Polk City	1.86	2.23	0.38	1.25%	0.19
Urbandale Water Utility	14.41	14.21	-0.20	0.00%	0.00
Warren Water District	3.37	4.10	0.73	2.43%	0.37
City of Waukee	8.34	11.86	3.52	11.71%	1.79
West Des Moines Water Works	18.56	25.83	7.27	24.16%	3.70
Xenia Rural Water District	5.76	5.17	-0.59	0.00%	0.00
<b>Total</b>	<b>144.50</b>	<b>173.80</b>	<b>30.09</b>	<b>100.00%</b>	<b>15.30</b>



# Alt. 4 – Common Projection Point Allocation

## Key Considerations:

1. Approach to get all members to a common growth point into the future and avoid earlier capacity deficits for certain members
2. Two sub-approaches considered:
  - **Alternative 4a** – inclusive of all underlying growth needs (i.e. population, buffer, full industrial)
  - **Alternative 4b** – same as 4a except only includes contracted/near-contracted industrial needs

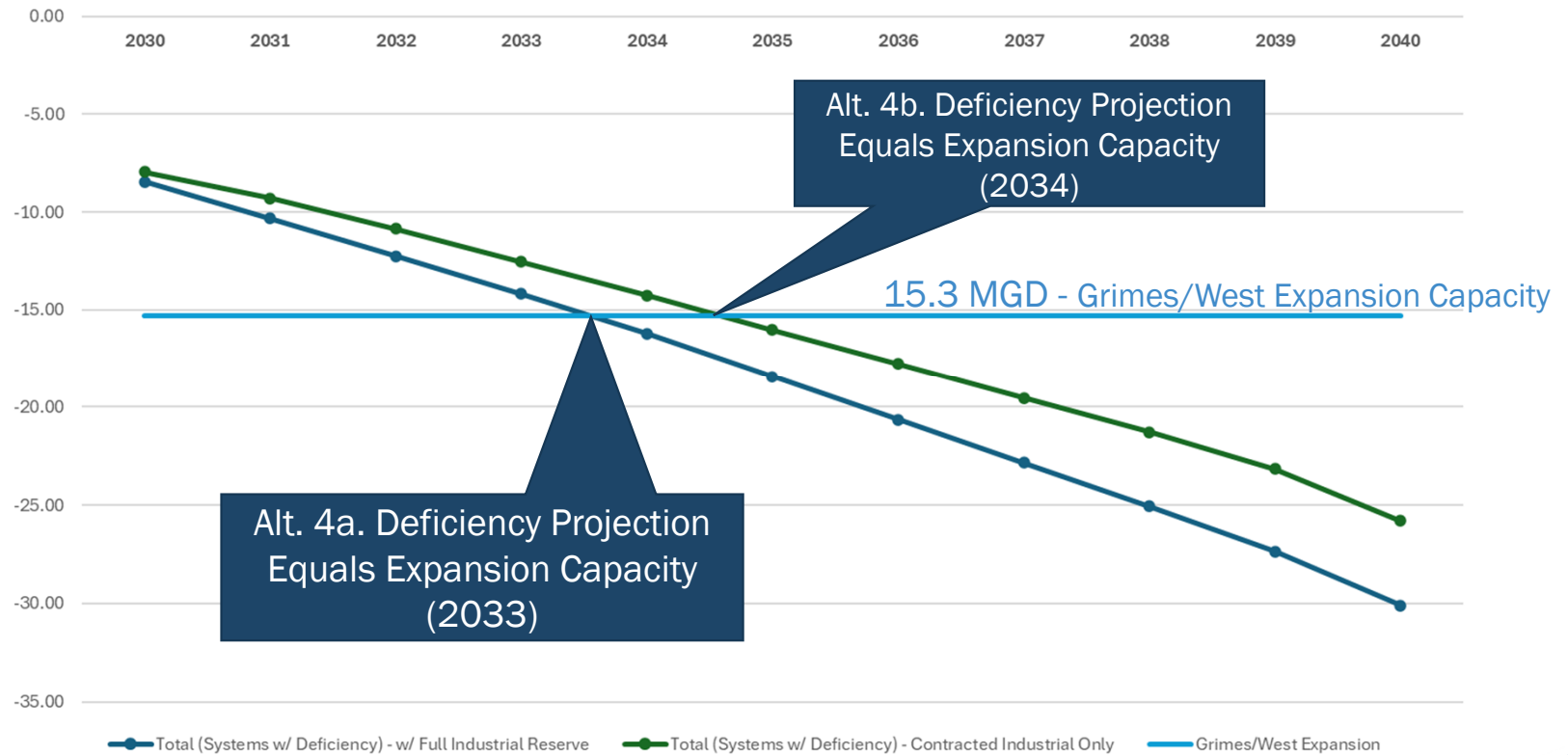
# Alt. 4a - Capacity Deficiency Projection

Member	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
City of Ankeny	4.56	4.04	3.53	3.01	2.50	1.99	1.47	0.96	0.44	-0.07	-0.58
City of Clive	-0.37	-0.38	-0.39	-0.40	-0.41	-0.42	-0.43	-0.44	-0.45	-0.46	-0.47
Des Moines Water Works	-3.72	-4.26	-4.81	-5.35	-5.89	-6.43	-6.97	-7.51	-8.05	-8.60	-9.14
City of Grimes	0.87	0.64	0.41	0.17	-0.06	-0.29	-0.52	-0.76	-0.99	-1.22	-1.46
City of Johnston	-0.67	-0.90	-1.13	-1.36	-1.59	-1.82	-2.05	-2.28	-2.51	-2.74	-2.98
City of Norwalk	-0.78	-1.06	-1.34	-1.62	-1.89	-2.17	-2.45	-2.73	-3.01	-3.28	-3.56
City of Polk City	0.19	0.14	0.08	0.02	-0.03	-0.09	-0.15	-0.21	-0.26	-0.32	-0.38
Urbandale Water Utility	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.20
Warren Water District	-0.53	-0.55	-0.57	-0.59	-0.61	-0.63	-0.65	-0.67	-0.69	-0.71	-0.73
City of Waukee	0.05	-0.31	-0.67	-1.02	-1.38	-1.74	-2.09	-2.45	-2.81	-3.16	-3.52
West Des Moines Water Works	-2.38	-2.87	-3.36	-3.85	-4.34	-4.83	-5.31	-5.80	-6.29	-6.78	-7.27
Xenia Rural Water District	0.96	0.92	0.88	0.85	0.81	0.77	0.74	0.70	0.66	0.63	0.59
<b>Total (Systems w/ Deficiency) - w/ Full Industrial Reserve</b>	<b>-8.45</b>	<b>-10.33</b>	<b>-12.26</b>	<b>-14.18</b>	<b>-16.20</b>	<b>-18.42</b>	<b>-20.63</b>	<b>-22.85</b>	<b>-25.07</b>	<b>-27.35</b>	<b>-30.09</b>

Deficiency Projection Equals  
15.3 MGD Expansion Capacity  
between 2033 and 2034



# Alt. 4 - Capacity Deficiency Projection



# Alt. 4 – Pro Rata Capacity Allocation

Member	Alt 4a. Full Industrial	Alt 4b. Contract Industrial Only
City of Ankeny	0.00	0.00
City of Clive	0.43	0.40
Des Moines Water Works	5.77	5.47
City of Grimes	0.00	0.00
City of Johnston	1.47	1.74
City of Norwalk	1.74	1.69
City of Polk City	0.00	0.09
Urbandale Water Utility	0.00	0.00
Warren Water District	0.63	0.60
City of Waukee	1.11	1.42
West Des Moines Water Works	4.15	3.89
Xenia Rural Water District	0.00	0.00
<b>Total</b>	<b>15.30</b>	<b>15.30</b>



# Allocation Alternatives Results Comparison

Member	Capacity Allocation Alternatives						Capacity Request (High)
	Capacity Request (Low)	1. Buffer Need Refill	2. Speculative Industrial Deferral	3. Saylorville 1 Replication	4a. Common Projection Point (Full Industrial)	4b. Common Projection Point (Contract Ind Only)	
City of Ankeny	0.00	0.00	0.00	0.30	0.00	0.00	0.00
City of Clive	0.50	0.50	0.45	0.24	0.43	0.40	0.60
Des Moines Water Works	9.10	6.01	6.01	4.65	5.77	5.47	12.80
City of Grimes	0.50	0.52	0.00	0.74	0.00	0.00	1.00
City of Johnston	1.70	0.88	1.26	1.51	1.47	1.74	1.70
City of Norwalk	1.78	1.84	2.05	1.81	1.74	1.69	3.56
City of Polk City	0.10	0.05	0.07	0.19	0.00	0.09	0.10
Urbandale Water Utility	0.75	0.39	0.19	0.00	0.00	0.00	0.75
Warren Water District	0.50	0.59	0.56	0.37	0.63	0.60	0.75
City of Waukee	1.00	0.77	0.74	1.79	1.11	1.42	1.50
West Des Moines Water Works	2.38	3.76	3.97	3.70	4.15	3.89	7.27
Xenia Rural Water District	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>18.31</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>15.30</b>	<b>30.03</b>



# Allocation Alternatives Results Comparison

Member	Capacity Allocation Alternatives - Projected Capacity Sufficiency Year				
	1. Buffer Need Refill	2. Speculative Industrial Deferral	3. Saylorville 1 Replication	4a. Common Projection Point (Full Industrial)	4b. Common Projection Point (Contract Ind Only)
City of Ankeny	2038	2038	2039	2038	2038
City of Clive	2040	2038	<2030	2033	2034
Des Moines Water Works	2034	2034	2031	2033	2034
City of Grimes	2036	2033	2036	2033	2034
City of Johnston	2030	2032	2033	2033	2034
City of Norwalk	2033	2034	2033	2033	2034
City of Polk City	2034	2034	2036	2033	2034
Urbandale Water Utility	2040	2040	2040	2040	2040
Warren Water District	2033	2031	<2030	2033	2034
City of Waukee	2032	2032	2035	2033	2034
West Des Moines Water Works	2032	2033	2032	2033	2034
Xenia Rural Water District	2040	2040	2040	2040	2040

Table represents projected point where capacity allocation alternative meets projected demand by year



# Allocation Alternatives – Ranking Results

Working Group TC Member	Alt. 1 Refilling Buffer	Alt. 2 Speculative Industrial Deferral	Alt. 3 Saylorville 1 Replication	Alt 4a. Common Projection Point (Full Industrial)	Alt 4b. Common Projection Point (Contracted Industrial)
Technical Committee Member 1	3	4	5	2	1
Technical Committee Member 2	1	4	5	3	2
Technical Committee Member 3	2	4	5	1	3
Technical Committee Member 4	4	5	2	3	1
Technical Committee Member 5	2	3	1	4	5
Technical Committee Member 6	1	2	4	3	5
Technical Committee Member 7	1	4	2	3	5
Technical Committee Member 8	2	5	4	3	1
Technical Committee Member 9					
<b>Weighted Ranking</b>	<b>2.00</b>	<b>3.88</b>	<b>3.50</b>	<b>2.75</b>	<b>2.88</b>



**Most Preferred Ranking and Recommended Alternative**  
 (1 = Most Preferred / 5 = Least Preferred)



# Allocation Alternatives Considerations

## **Key Allocation Considerations:**

- Past Capacity Redistribution
- Industrial Growth Needs
- Prior Capacity Allocation Precedent
- Requested Capacity vs. Projected Needs
- Consistent Allocation Approach for All Requests
- Provide Minimum Allocations for Members Making Requests?
- Member Ability to Defer Allocations if Desired?

# Future Capacity Expansion Considerations

- All alternatives provide less than 10-years of growth capacity for Members making current requests
- Members recognize limited capacity availability with Grimes/West expansions and desire assurance regarding second Saylorville expansion
- Future ASR expansion planning and approvals – generally desired by Members as a CIWW near-term priority



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6E**

**SUBJECT:** Motion – To initiate Stages I and II of the Water Use Plan, to be implemented by the Technical Committee as conditions warrant

**SUMMARY:**

The Board of Trustees is responsible for initiating stages of the Water Use Plan when system conditions indicate a need to proactively manage demand or respond to operational, water quality, or water quantity constraints in order to maintain system reliability. Once initiated, the selected stage is implemented by the Technical Committee.

The implementation of Stage I (Water Watch) and Stage II (Water Alert) of the CIWW Water Use Plan is intended to proactively manage system conditions and maintain regional water supply reliability.

As system demand approaches peak capacity, or when operational constraints such as water quality challenges limit available treatment capacity, early action is necessary to balance supply and demand. Stage I and Stage II provide a structured framework for initiating conservation measures, such as voluntary reductions in lawn watering, prior to reaching critical conditions.

Stages I and II support regional coordination and consistency. They provide a structured, system-wide signal to member agencies and the public that conditions are changing, allowing for aligned messaging and gradual behavior changes. This reduces confusion and improves compliance if more restrictive measures become necessary.

Early-stage implementation helps avoid escalation to mandatory restrictions (Stage III or IV). By achieving incremental demand reductions through voluntary or lightly restrictive measures, CIWW can often stabilize the system without requiring more disruptive actions such as lawn watering bans.

This action provides the Technical Committee the authorization to implement Stages I and II of the Water Use Plan if conditions warrant such action.

**FINANCIAL IMPACT:**

No immediate impact.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Move to initiate Stages I and II of the Water Use Plan, to be implemented by the Technical Committee as conditions warrant

Prepared by: Ami Madsen

## How the Water Use Plan Works in Practice

What does it mean when Central Iowa Water Works (CIWW) has entered a “Water Watch” or “Water Alert”?

The CIWW Water Use Plan is more than a policy, it’s a coordinated, step-by-step approach to protecting our region’s water supply. Here’s how it works in real time.

### Monitoring Conditions Every Day

CIWW and its operating partners continuously monitor:

- Water demand across the region
- Treatment plant capacity
- Source water quality
- Source water quantity
- System performance and operations

Issues such as demand approaching system limits, or conditions like water quality or supply becoming a concern, prompts CIWW prepares to take action.

### Making the Call

When certain thresholds are reached, such as demand nearing 90% of system capacity, CIWW leadership takes measured steps to further evaluate the situation for action.

- Technical experts assess system conditions and make recommendations to the CIWW Board of Trustees for action
- The Board determines whether to activate a stage of the Water Use Plan based on data and real-time system needs
- Actions are then communicated to the region

### Communicating Across the Region

Once a stage is declared, communication is immediate and coordinated:

- CIWW issues public guidance through a press release, social media channels and other available platforms
- Member agencies share consistent messaging with customers
- Updates are provided through media, social platforms, and local governments
- Emergency Management partners may assist with public notification

The goal is clear: Everyone receives the same information in a organized, time-sensitive manner.

### **What It Means for the Public**

The actions requested, or required, depend on the stage.

#### **Early Stages (Voluntary):**

- Reduce lawn watering by 25% or 50%, based on the need of the situation
- Water only when needed and on designated days
- Fix leaks and avoid unnecessary water use

#### **Later Stages (Mandatory):**

- Lawn watering is banned
- High water-use activities may be restricted
- Additional conservation measures may be required

These steps focus on reducing outdoor water use, which can make up a significant portion of peak demand.

### **Local Implementation**

While CIWW sets the regional strategy, local utilities and communities put it into action:

- Customers are notified directly by cities and water providers
- Local rules and enforcement measures may be implemented
- Agencies work with large water users to reduce demand

These steps ensure the plan works effectively at both the regional and local level.

### **When Enforcement Is Needed**

In more severe stages, enforcement may be required to protect the system:

- Warnings or notices may be issued for violations
- Continued noncompliance can result in fines or temporary service interruptions
- Member agencies are also held accountable for implementing required measures

These steps help ensure fairness and effectiveness across the region.

### **Adjusting as Conditions Change**

The Water Use Plan is designed to be flexible.

- CIWW continuously monitors conditions
- Stages can be increased, reduced, or lifted as needed
- Adjustments can be made based on real-time data and system performance

This allows CIWW to respond quickly and appropriately to changing conditions.

### **A Real-World Example**

On a hot, dry summer week, demand may rise quickly due to lawn watering. CIWW may declare a Stage I Water Watch based on technical expert recommendations and the Board's authorization to execute it. This means:

1. Residents are asked to reduce outdoor watering
2. Demand and system performance are monitored
3. Adjustments may be made as conditions improve or worsen

### **Working Together for Reliable Water**

The Water Use Plan is how CIWW ensures that safe, reliable drinking water is available – even during periods of high demand or system stress.

By working together, small changes in water use can have a big impact on the system.

It's a shared effort across communities, utilities, and residents – because when it comes to water, we are truly Stronger Together.



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 6F**

**SUBJECT:** Motion – To approve City of Grimes’ request for exemption from the Water Use Plan restrictions on lawn watering until such time as the City of Grimes connects to the CIWW Regional Network

**SUMMARY:**

The CIWW Water Use Plan is designed to manage regional demand and protect system reliability during periods of operational stress, including high demand and water quality or quantity constraints. Implementation of the plan is intended to reduce strain on the CIWW system through coordinated, region-wide measures.

The City of Grimes has formally requested to be excluded from lawn watering restrictions associated with the potential early implementation of the Water Use Plan. In its request, Grimes noted that it operates an independent water system with sufficient operational capacity to meet current and anticipated demand. The City expressed its desire for any restrictions to be implemented as narrowly as practicable and indicated that exclusion from lawn watering prohibitions would allow it to continue meeting local needs while supporting broader regional conservation objectives. Grimes also affirmed its commitment to ongoing coordination with CIWW and its willingness to implement appropriate conservation measures should system conditions change.

At this time, the City of Grimes is not connected to the CIWW core transmission system and is not drawing water in a manner that directly impacts CIWW system capacity, treatment operations, or peak demand conditions. As a result, implementation of Water Use Plan restrictions within Grimes would not meaningfully contribute to addressing the core network system conditions that trigger the plan.

Granting a waiver to the City of Grimes is appropriate at this time. The waiver can be structured as temporary and conditional, remaining in effect only until Grimes connects to the CIWW regional network, begins drawing water in a way that materially impacts regional system operations, or some other trigger is met that requires the implementation of the Water Use Plan in the City of Grimes. At that point, Grimes would be expected to comply with the Water Use Plan consistent with other member agencies.

**FINANCIAL IMPACT:**

No immediate impact.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Move to approve City of Grimes’ request for exemption from the Water Use Plan restrictions on lawn watering until such time as the City of Grimes connects to the CIWW Regional Network

Prepared by: Ami Madsen

To: CIWW Executive Committee and Board Members

Re: Grimes Exemption Request

Date: April 17, 2026



Dear CIWW Executive Committee and Board Members:

I would like to begin by expressing our appreciation for the continued leadership of the CIWW Board, staff, and technical teams as we work together to respond to evolving water quality conditions across our region. We recognize that nitrate levels in the surface water sources are already rising ahead of the typical peak demand season, and we appreciate the proactive coordination and communication taking place to address these challenges.

Grimes has and will remain committed to promoting water conservation practices and outdoor watering best practices within our City, as well as the region. Ensuring that our water systems have adequate capacity for residents and business is a top priority. We fully support the intent of the Water Shortage Plan and CIWW's mission to provide safe and reliable water across the region.

In light of these early-season conditions, the City of Grimes would like to formally request that the board implement the water shortage restrictions and lawn watering bans as narrowly as possible and provide an exemption to the City of Grimes. We would further request that this exemption stand until such time that the City of Grimes is connected to core system. While we are requesting flexibility under current conditions, we remain committed to close coordination with CIWW and will continue to monitor system performance and capacity. Should our demand trends begin to approach capacity thresholds, or if other conditions warrant additional measures, we are prepared to implement appropriate conservation strategies in alignment with CIWW's objectives and plans.

In addition, we continue to see an opportunity for Grimes to serve as a supportive partner during this time. When capacity allows, certain discretionary or municipal water uses could be accommodated within our system, helping to reduce strain on areas more directly impacted by nitrate-related treatment limitations. We would welcome further discussion on how Grimes can contribute in this capacity.

Thank you again for your leadership and partnership. We look forward to working collaboratively to navigate the challenges ahead.

A handwritten signature in black ink, appearing to read 'Alex Pfaltzgraff', written in a cursive style.

Alex Pfaltzgraff, AICP, CFM  
City of Grimes Assistant City Manager  
CIWW Board Trustee Alternate, City of Grimes

## Week 13 Bill Tracker

### Central Iowa Water Works

Bill Name	Title	Declaration	Latest Bill Action
<a href="#">HSB 774</a>	A bill for an act exempting sales and use taxes incurred for constructing a regional water trail system by a nonprofit corporation, and including effective date and retroactive applicability provisions.	Monitor	04/09/2026 Subcommittee Meeting: 04/13/2026 12:30PM House Lounge.
<a href="#">SF 2484</a>	A bill for an act relating to and making appropriations from the rebuild Iowa infrastructure fund and technology reinvestment fund, and including effective date provisions.(Formerly SSB 3187.)	For	04/09/2026 Introduced, placed on Appropriations calendar.
<a href="#">SF 2286</a> <a href="#">(HF 2592)</a>	A bill for an act relating to the investment of public funds, and making penalties applicable.	Undecided	04/08/2026 Passed Senate, yeas 32, nays 13.
<a href="#">HF 2490</a>	A bill for an act relating to public notice requirements for meetings of a governmental body.(Formerly HSB 578.)	Monitor	03/26/2026 Placed on calendar under unfinished business.
<a href="#">HF 2592</a> <a href="#">(SF 2286)</a>	A bill for an act relating to the investment of public funds, and making penalties applicable.(Formerly HSB 633.)	Undecided	03/19/2026 Placed on calendar under unfinished business.
<a href="#">HF 936</a>	A bill for an act relating to government bodies for purposes of open records, and making penalties applicable.(Formerly HSB 192.)	Monitor	03/19/2026 Placed on calendar under unfinished business.
<a href="#">HF 2732 (D)</a>	A bill for an act providing for water quality practices, including an edge-of-field practice tax credit and cover crop practice tax credit.	Undecided	03/09/2026 Introduced, referred to Ways and Means.
<a href="#">HF 2733 (D)</a>	A bill for an act relating to water quality, including a water quality monitoring network and the water quality initiative, an agricultural best management practices tax credit, an Iowa clean water farm program and property tax credit, and water quality practices loans, making appropriations, and including applicability provisions.	Undecided	03/09/2026 Introduced, referred to Ways and Means.
<a href="#">SSB 3183</a>	A bill for an act relating to the publication of certain public notices by designated public entities, providing for fees, making appropriations, and including effective date provisions.	Monitor	03/05/2026 Subcommittee: Green, Guth, and Petersen.

<a href="#">HF 2687</a>	A bill for an act relating to groundwater monitoring in the state, including the establishment of a pilot program, and including effective date provisions.(Formerly HF 2117.)	Undecided	02/23/2026 Introduced, referred to Appropriations.
<a href="#">HF 2588</a>	A bill for an act establishing a water and wastewater operator apprenticeship and work release pilot program for inmates, and making appropriations.(Formerly HF 2129.)	Undecided	02/18/2026 Introduced, referred to Appropriations.
<a href="#">SF 2269 (D)</a>	A bill for an act appropriating moneys to Iowa state university of science and technology for use by the Iowa nutrient research center in supporting the Iowa water quality information systems.	For	02/11/2026 Subcommittee: Zumbach, Kraayenbrink, and Staed.



# PROJECT PROGRESS REPORT

**To:** CIWW Technical Committee

**From:** West Des Moines Water Works

**Date:** April 8<sup>th</sup>, 2026

## Project Name: West Plant

### Project Progress Summary

#### Work Activities Performed (Last Month):

- Source water investigation continued
- Membrane manufacturers continued returning Requests for Information to Strand Engineering
- West Plant site evaluations continued
- Evaluated HDR Engineering's proposal for distribution modeling
- Discussions with Strand and City of West Des Moines about prospective sewer connections
- Strand had discussions with Mid-American about getting electricity to prospective West Plant sites
- Strand scheduled membrane water plant tours
- Strand conducted a membrane training session for CIWW staff

#### Work Activities to be performed (Coming Month):

- HDR to begin distribution modeling work
- Attend membrane plant tours with Strand
- Receive Strand's summary of equipment RFI's
- Additional source water test wells and water quality sampling
- A Stage 1 assessment will be conducted for each prospective plant site by Terracon in the amount of \$18,200 to review property geotechnical, subsurface environmental, natural, and cultural conditions.

### Project Budget/CIWW 10-Year CIP Impacts

- Current CIWW 10-Year CIP Best-Estimate-To-Date = \$154,666,728

### Project Scope of Services Variances/Corrective Actions

- None

### Project Schedule Impacts

- None



# PROJECT PROGRESS REPORT

**To:** CIWW Technical Committee

**From:** Tami Madsen

**Date:** April 8, 2026

**Project Name:** Grimes Water Treatment Plant Expansion

## Project Description

The Grimes Water Treatment Plant Expansion is a Central Iowa Water Works project to increase the amount of reliable drinking water available to central Iowans. The project expands an existing reverse osmosis treatment facility in Grimes, increasing its capacity from about 5.3 million gallons per day to 8.5 million gallons per day. By treating groundwater with advanced technology that removes contaminants, the expansion helps diversify the region's water sources, reduce reliance on river water during drought or water quality challenges, and ensure a stable water supply for the future.

## Project Progress Summary

### Work Activities Performed (Last Month):

- Conducted a Progress Meeting with the Team on March 9. Meeting notes were prepared and transmitted. Commenced with the Water Quality Stability Evaluation.
- Commenced with the High-Recovery RO System Evaluation.
- Transmitted a draft of the Raw Water Main Hydraulic Restriction Evaluation technical memorandum for review.
- Commenced with the Precipitative Lime Softening Plant Production Capacity Increase Evaluation. The draft technical memorandum will be transmitted for review on or before April 10.
- Commenced with the Precipitative Lime Softening Plant Production Range Assessment. The draft technical memorandum will be transmitted for review on or before April 10.

### Work Activities to be performed (Coming Month):

- Conduct a team Progress Meeting in late April.
- Commence with the groundwater modeling for the new Jordan wells using the IDNR model.
- Finalize the Raw Water Main Hydraulic Restriction Evaluation technical memorandum following receipt of comments on the draft technical memorandum.
- Finalize the Precipitative Lime Softening Plant Production Capacity Increase Evaluation technical memorandum following receipt of comments on the draft technical memorandum.

## PROJECT PROGRESS REPORT

- Finalize the Precipitative Lime Softening Plant Production Range Assessment following receipt of comments on the draft technical memorandum.
- On-going Water Quality Stability Evaluation technical memorandum. The draft technical memorandum will be completed following receipt of requested water quality data.
- On-going High-Recovery RO System Evaluation. The draft technical memorandum will be completed following receipt of the requested water quality data.
- Meet with Water Treatment Staff to discuss Raw Water Hydraulic Restriction
- Continue analysis for Grimes and Urbandale Connection and Grimes and Johnston Connection

### Project Budget/CIWW 10-Year CIP Impacts

- Current CIWW 10-Year CIP Best-Estimate-To-Date = \$40,163,845

### Project Scope of Services Variances/Corrective Actions

- None

### Project Schedule Impacts

- None
- Estimated completion date 2029

### Glossary of Terms

- CIP – Capital Improvements Plan
- IDNR – Iowa Department of Natural Resources
- RO System – A reverse osmosis (RO) water treatment plant uses high pressure to force water through a semipermeable membrane that removes dissolved and microscopic contaminants and impurities. The process produces high-quality drinking water by separating purified water from concentrated waste, which is then discharged or further treated.



# PROJECT PROGRESS REPORT

**To:** CIWW Technical Committee

**From:** Des Moines Water Works

**Date:** 4/8/2026

**Project Name:** SWTP 10 MGD Expansion

## Project Progress Summary

### Work Activities Performed (Last Month):

- Finished the Phase II ESA drilling and sampling activities.
- Finished and reviewed 30% design drawings for the Water Treatment Plant.
- Reviewed mechanical and electrical submittals on RO and UF membrane procurement and sent comments back to Wigen.

### Work Activities to be performed (Coming Month):

- Review soil and water analysis from the Phase II ESA drilling and sampling activities.
- Continue progressing the design of Water Treatment Plant.
- Review mechanical and electrical resubmittals on RO and UF membrane procurement and send comments back to Wigen.

## Project Budget/CIWW 10-Year CIP Impacts

- Current CIWW 10-Year CIP Best-Estimate-To-Date =  
Water Treatment Plant OPCC \$89,135,000 (+50% or -30%)  
Water Supply OPCC \$63,608,000

## Project Scope of Services Variances/Corrective Actions

- HDR Amendment 1 – Develop Localized Wellfield Model
- HDR Amendment 2 – Additional Hydrogeological Testing
- HDR Amendment 3 – Threatened and Endangered Species Study
- HDR Amendment 4 – Phase 2 Hydrogeological Testing
- HDR Amendment 5 – Environmental Assessment and Limited Phase II – potential contamination
- Groundwater supply not sufficient for four collector wells, additional vertical wells will need to be installed to have enough water supply

## Project Schedule Impacts

- Project is progressing at a slower rate than originally anticipated due to additional analysis of water supply, impact of USACE coordination, and the potential changes that the water supply (quality/quantity) on the treatment process.
- Water Treatment Plant – Bid End of 2026, Construction Dec 2026 - Feb 2029



## PROJECT PROGRESS REPORT

- Caisson and Laterals – Bid Jan 2027, Construction Feb 2027 - June 2028
- Pump Houses – Bid Feb 2028, Construction Feb 2028 – Sep 2029
- Raw Water Main – Bid Feb 2028, Construction Feb 2028 – March 2029
- Vertical Wells – Bid July 2027, Construction Aug 2027 - Nov 2028



**CENTRAL IOWA WATER WORKS**  
**BOARD OF TRUSTEES ACTION ITEM FORM**

**Meeting Date: April 22, 2026**

**ITEM NUMBER: 7C1a**

**SUBJECT:** Resolution – Approving Amended and Restated Bylaws of the Board of Trustees of Central Iowa Water Works

**SUMMARY:**

The CIWW Board of Trustees previously adopted bylaws to establish procedures governing Board operations, including meeting conduct, officer roles, and committee structure. Since their adoption, Trustees, staff, and legal counsel have conducted a review of the bylaws and identified updates needed to improve clarity, enhance consistency, and ensure alignment with the 28E Agreement.

The proposed amended and restated bylaws reflect updates developed through staff review and consultation with legal counsel. The revisions do not materially change the existing governance structure; rather, they provide clarification, improve organization, and align the document with current Board practices and the 28E Agreement.

A redlined version of the bylaws showing the proposed revisions, along with a clean version of the amended and restated bylaws, is included in the Board packet for review and approval.

**FINANCIAL IMPACT:**

None

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Move a Resolution Approving Amended and Restated Bylaws of the Board of Trustees of Central Iowa Water Works

Prepared by: Ami Madsen

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION APPROVING AMENDED AND RESTATED BYLAWS OF THE BOARD OF TRUSTEES OF CENTRAL IOWA WATER WORKS**

WHEREAS, certain water utilities, rural water districts and governmental entities have established a regional water authority as a separate public entity created under Chapter 28E and Chapter 28F, Iowa Code, known as the "Central Iowa Water Works" ("CIWW") to act as a regional water wholesale production and supply entity under the material terms and conditions as set forth in the Central Iowa Water Works 28E/28F Agreement, filed with the Iowa Secretary of State on April 11, 2024 with Filing Number M516883 (the "CIWW Agreement");

WHEREAS, CIWW establishes a shared regional system of drinking water supply production facilities under regional ownership and governance to meet existing and future needs for safe, reliable, abundant drinking water to be distributed to the customers of its Member Agencies;

WHEREAS, Article VIII, Section 13 of the 28E/28F states that the Board may amend bylaws, provided that such proposed amendments are not inconsistent with the Agreement;

WHEREAS, such amendments may be adopted provided that such Amendments are presented in writing at a prior regular meeting of the Board and provided that notice of the impending vote thereon is contained in the meeting notice and agenda at which such vote is to be taken;

WHEREAS, a preliminary draft of the Amendments was included with the March 25, 2026, Board Agenda; and

WHEREAS, the Board of Central Iowa Water Works believes that the Amendments in the form presented at the prior regular meeting and attached hereto as Exhibit "A" should be adopted.

NOW, THEREFORE IT IS HEREBY RESOLVED, by the Board of Trustees of Central Iowa Water Works that the Amendments in the form attached hereto are acknowledged and are approved.

PASSED AND APPROVED this 22ND Day of April, 2026.

---

Jody E. Smith, Board Chair

Attest:

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Diane Munns, Board Secretary

**AMENDED AND RESTATED**  
**BYLAWS OF THE BOARD OF TRUSTEES OF**  
**~~OF~~**  
**CENTRAL IOWA WATER WORKS**

**Part I. General Provisions**

Section 1. Scope of, and Authority for, Bylaws. These Bylaws have been adopted pursuant to Section 13 of Article VIII of the Central Iowa Water Works 28E/28F Agreement filed of record with the Iowa Secretary of State as Agreement M516883 (“CIWW Agreement”). Such Agreement creates and governs the Central Iowa Water Works (“CIWW”) and establishes a Board of Trustees consisting of Trustees and Additional Trustees appointed by the Member Agencies of CIWW. All references herein to Trustees shall include Additional Trustees. These Bylaws shall govern the conduct of the Board of Trustees of CIWW (“CIWW Board”) and shall be interpreted to ensure fair and open deliberations and decision-making.

Section 2. Technical Parliamentary Forms Abolished. Except as specifically required by law or by these Bylaws, the CIWW Board shall not be required to use or follow any formal points of parliamentary order, personal privilege, parliamentary inquiry or other technical forms.

Section 3. Matters Not Covered. Any matter or order or procedure affecting the CIWW Board that is not covered by these Bylaws shall be referred to the presiding officer, who shall decide the matter in a fair and expeditious manner and in conformity with the purpose of these Bylaws, with the assistance and advice of CIWW’s legal counsel.

Section 4. Interpretation. These Bylaws are intended to supplement, and shall be interpreted to conform with, the statutes of the State of Iowa and the CIWW Agreement.

## **Part II. Agenda**

Section 5. Preparation of Agenda. Prior to each CIWW Board meeting the CIWW Executive Director shall publish a tentative ~~A~~agenda which contains all items the CIWW Board anticipates acting upon at the meeting (the "Agenda"). The tentative Agenda and supporting materials shall, to the extent reasonably possible, be provided to each of the Trustees and Alternates at least five calendar days before each Board meeting. The CIWW Board may adopt the ~~a~~Agenda as presented, or may amend the ~~a~~Agenda as provided by these Bylaws and may adopt the ~~a~~Agenda as amended.

Section 6. Public Comment Period. The Agenda shall provide for a public comment period at the beginning of the meeting, during which any member of the public may, upon request, be heard or offer comment on any matter.

Section 7. Consent Agenda. The Agenda shall separately designate items as "Consent Agenda" items which may be acted upon by the CIWW Board under Section 36 hereof. The "Consent Agenda" shall consist of routine non-controversial items which can be appropriately considered en masse at the CIWW Board meeting.

Section 8. Hearings and Discussion Items. The Agenda shall provide a schedule of hearings and a separate schedule of discussion items, which could include action items, committee reports, information items and other business.

Section 9. Agenda Deadline. The Chair or any Board member may have an item included within the Agenda of a regular CIWW Board meeting by requesting the Executive Director to include the item by 5:00 P.M. on the ~~Wednesday seventh day~~ preceding ~~a CIWW Board~~the meeting.

Section 10. Extra Items. Items requested or filed after 5:00 P.M. on the ~~Wednesday seventh day~~ preceding a regular CIWW Board meeting shall not be included upon the Agenda unless a CIWW Board member shall deem the item of sufficient urgency to warrant immediate CIWW Board action. These items shall be designated as "Extra" items and will be considered at the appropriate place on the regular Agenda (prior to or after a related item) or at the end of the regular Agenda. The Secretary shall record, in the minutes, the name of the Board member sponsoring the "extra" item.

Section 11. Board Action to Defer, Continue or Not Act. A Board member shall not withdraw any item prior to the start of a Board meeting, provided however, a Board member wishing to defer action or continue an item has a right to have a motion to continue, defer or not act on any item considered before any other action which the Board may consider.

### **Part III. Conduct of Board Meetings**

Section 12. Roll Call. Before proceeding with the business of the Board, the Secretary shall call the roll call of Board members present, and enter those named in the minutes. The Chair shall determine the presence of a quorum as required by the CIWW Agreement and these Bylaws.

Section 13. Call to Order. The Chair or Vice-Chair shall call the meeting to order at the appointed hour. In the absence of the Chair or Vice-Chair, the Secretary shall call the meeting to order and a temporary presiding officer shall then be selected in accordance with Section 14. The selected temporary presiding officer shall serve as Vice-Chair for the meeting and shall be authorized to sign all measures passed and contracts approved at that meeting.

Section 14. Presiding Officer. The Chair, or in the Chair's absence or incapacity, the Vice-Chair, shall be the presiding officer at all Board meetings. If both the Chair and Vice-Chair are absent the Board members present will select, by majority vote, a presiding officer pro tem.

Section 15. Consideration of Items. The presiding officer shall facilitate discussion of the Board on each Agenda item to assure full participation in accordance with these Bylaws.

Section 16. Order of Consideration of Agenda. Except as otherwise provided in these Bylaws, each Agenda item shall be considered in the numerical order assigned by the Executive Director. Each Agenda item shall be separately announced by the presiding officer, or Secretary, for purposes of discussion and consideration. To announce an item it shall be sufficient to identify the item by the number assigned by the Executive Director, unless greater specificity is requested by some person in attendance. This section shall not apply to consideration of items under Sections 35 or 36.

Section 17. Discussion. A Board member shall speak only after being recognized by the presiding officer. A Board member recognized for a specific purpose shall limit remarks to that purpose. A Board member, after being recognized, shall not be interrupted except by the presiding officer to enforce these Bylaws.

Section 18. Presiding Officer's Right to Enter into Discussion. The presiding officer, as a member of the Board, may enter into any discussion.

Section 19. Limit on Remarks. Each Board member shall limit his or her remarks to a reasonable length.

Section 20. Presiding Officer's Right to Speak Last. The presiding officer has the right to speak last on any item.

Section 21. Closing Debate. Discussion shall be closed on any item by the presiding officer. Except as provided by Section 40 a call for the vote shall not close discussion if any Board member still wishes to be heard or the presiding officer determines the continued discussion will be helpful to the Board.

Section 22. Electronic Participation in Meetings of the Board. Provision shall be made at each regular or special meeting of the Board, to the extent practicable, for Board members, alternates, staff, and members of the public to participate by conference telephone or by video conference. A Board member, or alternate acting in the place of an absent Board member, who participates by telephone conference or by video conference, shall be considered present for purposes of establishing a quorum and may cast votes on all matters coming before the meeting as if physically present. Meetings of the Board may be conducted wholly by electronic means to the extent permitted by law when necessary or appropriate.

Board meetings may also be conducted solely by electronic means in compliance with the provisions of Section 21.8 of the Iowa Code.

#### **Part IV. Public Participation**

Section 23. Public Right to Address the Board. Persons other than Board members shall be permitted to address the Board, on any matter, during the "Public Comment" portion of the Agenda and may in the discretion of the presiding officer be recognized during the consideration of any other item on the Agenda.

Section 24. Manner of Addressing the Board. A person desiring to address the Board shall step to the podium, state his or her name, address, and group affiliation (if any) and speak clearly so that those present may hear the comments.

Section 25. Time Limit on Public Remarks. Each member of the public shall be limited to five minutes speaking time unless additional time is granted by the presiding officer. Such time is a personal privilege and may not be yielded to another person. Total public input on any subject under Board consideration may be limited to a fixed period by the presiding officer. A majority vote of the Board may extend the time limitations of this section.

Section 26. Remarks of the Public to be Germane. Public comments during the Public Comment period must be germane to the mission of the CIWW or to the powers and duties of the Board. Public comments during consideration of any Agenda item, if any, must be directed to the subject under consideration. The presiding officer shall rule on the germaneness of public comments. Members of public making personal, impertinent, or slanderous remarks may be barred by the presiding officer from further comment before the Board during the meeting then in progress.

## **Part V. Board Action**

Section 27. Motions. At any appropriate place on the Agenda, any Board member may make a motion for the Board to act upon any matter if the motion is germane to the matter under consideration.

Section 28. Motion Required. All action requiring a vote shall be moved by a member of the Board and seconded by another member of the Board.

Section 29. Vote. A vote shall be taken on any matter that is moved and seconded. The presiding officer shall be entitled to vote on any action. Except as to matters subject to a weighted vote, the vote of a majority the members of the CIWW Board who are present and voting is required to approve the action.

Section 30. Motion to Reconsider. A motion to reconsider must be made by a Board member who was on the prevailing side in the original action, and such motion must be made at the meeting at which the original action was taken or at the next meeting of the Board thereafter. The Executive Director shall not place upon the Agenda any matter for reconsideration unless sponsored by a Board member who originally voted on the prevailing side with respect to that matter.

Section 31. Motion to Amend. No motion shall be made while another motion is pending, except a motion to amend, which shall take precedence over the motion on the floor.

Section 32. Failure of Item to Receive a Majority of Votes. Section 29 of these Bylaws notwithstanding, when less than all Board members are in attendance at a meeting and an Agenda item or other measure before the Board fails to receive a majority vote of those members present and voting either to approve, to deny approval, or to take some other action, then the Agenda item or other measure shall, upon the request of any Board member in attendance at the meeting, be placed by the

Executive Director on the Agenda for the next Board meeting, and continued thereafter upon the Agenda for subsequent meetings until it receives either a majority vote of those members present and voting to approve, to deny approval, or to take some other action.

Section 33. Weighted Vote. On any matter before the Board where a weighted vote is allowed in accordance with the CIWW Agreement, a Board member may request a weighted vote, provided however, that such request shall have no effect unless made prior to the vote being taken on that matter. If a weighted vote is requested, no further Board action is required at that meeting, and the Executive Director shall place the item on the ~~a~~Agenda for the next Board meeting and shall provide notice ~~to all Participating Community representatives, all~~ as required by the CIWW Agreement. Any weighted vote shall be conducted as provided in the CIWW Agreement.

Section 34. Separate Consideration. Except as otherwise required by these Bylaws, each Agenda item shall be voted upon separately and each vote shall be recorded by the Secretary.

Section 35. Action on Consent Agenda. Except as herein provided, the “Consent Agenda” shall be considered en masse and voted upon in single motion. At the time of consideration of the Consent Agenda, the presiding officer shall announce the item and shall ask if any Board member wishes to speak upon any Consent Agenda item. At that time, any Board member may ask that any Consent Agenda item(s) be considered separately, for discussion or for informational purposes, or a Board member may ask that the Secretary record the members' vote, on any particular item(s) either in the negative or as an abstention. On all matters contained in the Consent Agenda, the Secretary shall record the yes and no votes on each item separately as if each item had been moved and voted upon separately. Section 16 shall not apply to items on the consent ~~a~~Agenda.

Section 36. Action on Multiple Items. With the consent of a majority of the Board, Section 34 hereof notwithstanding, the Board may consider for voting purposes more than one item, but in such event the vote upon each item will be separately recorded by the Secretary noting specific yes or no votes of each Board member on each item.

Section 37. Agenda Items Deferred or Considered Out of Order. With the consent of the Board any Agenda item may be deferred for consideration later in the meeting, or may be considered out of numerical sequence at the request of a Board member.

Section 38. Recording Names of Moving Members. The Secretary shall record the name of the Board member making each motion.

Section 39. Consideration of Matters Not on Agenda. Except as to matters which by law require the publication of notice before consideration by the Board, any Board member may, at the close of the regular Agenda, bring a matter not on the Agenda to the Board's attention. The Board may act upon such matters or direct such matter be included upon a subsequent Agenda.

Section 40. Call for the Vote. At the conclusion of debate the presiding officer shall call for a vote; however, upon proper motion and consideration, two-thirds of the Board members present may call for a vote at any time.

## **Part VI. Miscellaneous**

Section 41. Applicability of Bylaws. These Bylaws shall apply to the CIWW Board when meeting in any form.

Section 42. Name of Sponsor on Resolution. Any time these Bylaws require an action to be sponsored by a Board member, the Secretary shall note the name of the sponsoring Board member on the face of the resolution for said item.

Section 43. Suspension of Bylaws. These Bylaws, or any part hereof, may be suspended for a specific purpose and for the meeting then in progress by a two-thirds majority of the Board members present.

Section 44. Hearings. Any other section to the contrary notwithstanding, unless required by statute or necessary to conform to proceedings required for a special purpose, a hearing shall commence when declared open by the presiding officer and shall close when closed by the presiding officer or by other formal action of the Board.

Section 45. Adjournment. When each item on an ~~a~~Agenda ~~item~~ has been dealt with adjournment can be declared by the presiding officer or by other formal action of the Board.

Section 46. Informal Requests. Before or during the consideration of any matter, or in the course of any hearing, a Board member may request and receive information, explanations or the opinions of the CIWW Executive Director, of any member of the Committees established under the CIWW Agreement or by the Board, of any employee of the Board, or of CIWW legal counsel.

Section 47. Amendment or Repeal of Bylaws. As provided in the Central Iowa Water Works Agreement, these Bylaws may be amended or repealed by a majority vote of the Board taken at any regularly scheduled or specially called meeting of the Board, provided that such proposed amendment or repeal of these bylaws was presented in writing at a prior regular meeting of the Board, and provided that notice of the impending vote thereon is contained in the meeting notice and ~~a~~Agenda of the meeting at which such vote is to be taken.

Section 48. Delegation of Duties of Secretary. The duties of the Secretary under these Bylaws may be performed by a Board clerk appointed at any time by resolution of the Board. Any references herein to the Secretary shall be deemed to refer also to the Board Clerk so appointed, if any.

Section 49. Committee Officer Terms. ~~Voting members of the Long Range Planning and Capital Improvements Committee, Finance and Audit Committee, and Technical Committee shall, at their first meeting after the Annual Meeting of the Board held in even-numbered calendar years, elect a chair and, at their option, may elect a vice-chair. Such officers shall serve for two-year terms, expiring on December 31st of even numbered years, or until each successor officer has been elected. Officers, if any, of other CIWW committees shall serve for one-year terms unless otherwise provided by the CIWW Agreement or the Board.~~

~~These Bylaws adopted by the CIWW Board on \_\_\_\_\_, 2024, pursuant to CIWW Board Resolution No. 24-\_\_\_\_\_.~~

\_\_\_\_\_  
\_\_\_\_\_, ~~CIWW Board Secretary~~

Adopted \_\_\_\_\_, 2026

**AMENDED AND RESTATED  
BYLAWS OF THE BOARD OF TRUSTEES OF  
CENTRAL IOWA WATER WORKS**

**Part I. General Provisions**

Section 1. Scope of, and Authority for, Bylaws. These Bylaws have been adopted pursuant to Section 13 of Article VIII of the Central Iowa Water Works 28E/28F Agreement filed of record with the Iowa Secretary of State as Agreement M516883 (“CIWW Agreement”). Such Agreement creates and governs the Central Iowa Water Works (“CIWW”) and establishes a Board of Trustees consisting of Trustees and Additional Trustees appointed by the Member Agencies of CIWW. All references herein to Trustees shall include Additional Trustees. These Bylaws shall govern the conduct of the Board of Trustees of CIWW (“CIWW Board”) and shall be interpreted to ensure fair and open deliberations and decision-making.

Section 2. Technical Parliamentary Forms Abolished. Except as specifically required by law or by these Bylaws, the CIWW Board shall not be required to use or follow any formal points of parliamentary order, personal privilege, parliamentary inquiry or other technical forms.

Section 3. Matters Not Covered. Any matter or order or procedure affecting the CIWW Board that is not covered by these Bylaws shall be referred to the presiding officer, who shall decide the matter in a fair and expeditious manner and in conformity with the purpose of these Bylaws, with the assistance and advice of CIWW’s legal counsel.

Section 4. Interpretation. These Bylaws are intended to supplement, and shall be interpreted to conform with, the statutes of the State of Iowa and the CIWW Agreement.

**Part II. Agenda**

Section 5. Preparation of Agenda. Prior to each CIWW Board meeting the CIWW Executive Director shall publish a tentative agenda which contains all items the CIWW

Board anticipates acting upon at the meeting (the "Agenda"). The tentative Agenda and supporting materials shall, to the extent reasonably possible, be provided to each of the Trustees and Alternates at least five calendar days before each Board meeting. The CIWW Board may adopt the Agenda as presented, or may amend the Agenda as provided by these Bylaws and may adopt the Agenda as amended.

Section 6. Public Comment Period. The Agenda shall provide for a public comment period at the beginning of the meeting, during which any member of the public may, upon request, be heard or offer comment on any matter.

Section 7. Consent Agenda. The Agenda shall separately designate items as "Consent Agenda" items which may be acted upon by the CIWW Board under Section 36 hereof. The "Consent Agenda" shall consist of routine non-controversial items which can be appropriately considered en masse at the CIWW Board meeting.

Section 8. Hearings and Discussion Items. The Agenda shall provide a schedule of hearings and a separate schedule of discussion items, which could include action items, committee reports, information items and other business.

Section 9. Agenda Deadline. The Chair or any Board member may have an item included within the Agenda of a regular CIWW Board meeting by requesting the Executive Director to include the item by 5:00 P.M. on the seventh day preceding the meeting.

Section 10. Extra Items. Items requested or filed after 5:00 P.M. on the seventh day preceding a regular CIWW Board meeting shall not be included upon the Agenda unless a CIWW Board member shall deem the item of sufficient urgency to warrant immediate CIWW Board action. These items shall be designated as "Extra" items and will be considered at the appropriate place on the regular Agenda (prior to or after a related item) or at the end of the regular Agenda. The Secretary shall record, in the minutes, the name of the Board member sponsoring the "extra" item.

Section 11. Board Action to Defer, Continue or Not Act. A Board member shall not withdraw any item prior to the start of a Board meeting, provided however, a Board member wishing to defer action or continue an item has a right to have a motion to continue, defer or not act on any item considered before any other action which the Board may consider.

### **Part III. Conduct of Board Meetings**

Section 12. Roll Call. Before proceeding with the business of the Board, the Secretary shall call the roll call of Board members present, and enter those named in the minutes. The Chair shall determine the presence of a quorum as required by the CIWW Agreement and these Bylaws.

Section 13. Call to Order. The Chair or Vice-Chair shall call the meeting to order at the appointed hour. In the absence of the Chair or Vice-Chair, the Secretary shall call the meeting to order and a temporary presiding officer shall then be selected in accordance with Section 14. The selected temporary presiding officer shall serve as Vice-Chair for the meeting and shall be authorized to sign all measures passed and contracts approved at that meeting.

Section 14. Presiding Officer. The Chair, or in the Chair's absence or incapacity, the Vice-Chair, shall be the presiding officer at all Board meetings. If both the Chair and Vice-Chair are absent the Board members present will select, by majority vote, a presiding officer pro tem.

Section 15. Consideration of Items. The presiding officer shall facilitate discussion of the Board on each Agenda item to assure full participation in accordance with these Bylaws.

Section 16. Order of Consideration of Agenda. Except as otherwise provided in these Bylaws, each Agenda item shall be considered in the numerical order assigned by the Executive Director. Each Agenda item shall be separately announced by the presiding officer, or Secretary, for purposes of discussion and consideration. To announce an item it shall be sufficient to identify the item by the number assigned by the Executive Director, unless greater specificity is requested by some person in attendance. This section shall not apply to consideration of items under Sections 35 or 36.

Section 17. Discussion. A Board member shall speak only after being recognized by the presiding officer. A Board member recognized for a specific purpose shall limit remarks to that purpose. A Board member, after being recognized, shall not be interrupted except by the presiding officer to enforce these Bylaws.

Section 18. Presiding Officer's Right to Enter into Discussion. The presiding officer, as a member of the Board, may enter into any discussion.

Section 19. Limit on Remarks. Each Board member shall limit his or her remarks to a reasonable length.

Section 20. Presiding Officer's Right to Speak Last. The presiding officer has the right to speak last on any item.

Section 21. Closing Debate. Discussion shall be closed on any item by the presiding officer. Except as provided by Section 40 a call for the vote shall not close discussion if any Board member still wishes to be heard or the presiding officer determines the continued discussion will be helpful to the Board.

Section 22. Electronic Participation in Meetings of the Board. Provision shall be made at each regular or special meeting of the Board, to the extent practicable, for Board members, alternates, staff, and members of the public to participate by conference telephone or by video conference. A Board member, or alternate acting in the place of an absent Board member, who participates by telephone conference or by video conference, shall be considered present for purposes of establishing a quorum and may cast votes on all matters coming before the meeting as if physically present. Meetings of the Board may be conducted wholly by electronic means to the extent permitted by law when necessary or appropriate.

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Section 33. Weighted Vote. On any matter before the Board where a weighted vote is allowed in accordance with the CIWW Agreement, a Board member may request a weighted vote, provided however, that such request shall have no effect unless made prior to the vote being taken on that matter. If a weighted vote is requested, no further Board action is required at that meeting, and the Executive Director shall place the item on the Agenda for the next Board meeting and shall provide notice as required by the CIWW Agreement. Any weighted vote shall be conducted as provided in the CIWW Agreement.

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Section 36. Action on Multiple Items. With the consent of a majority of the Board, Section 34 hereof notwithstanding, the Board may consider for voting purposes more than one item, but in such event the vote upon each item will be separately recorded by the Secretary noting specific yes or no votes of each Board member on each item.

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Section 44. Hearings. Any other section to the contrary notwithstanding, unless required by statute or necessary to conform to proceedings required for a special purpose, a hearing shall commence when declared open by the presiding officer and shall close when closed by the presiding officer or by other formal action of the Board.

Section 45. Adjournment. When each item on an Agenda has been dealt with adjournment can be declared by the presiding officer or by other formal action of the Board.

Section 46. Informal Requests. Before or during the consideration of any matter, or in the course of any hearing, a Board member may request and receive information, explanations or the opinions of the CIWW Executive Director, of any member of the Committees established under the CIWW Agreement or by the Board, of any employee of the Board, or of CIWW legal counsel.

Section 47. Amendment or Repeal of Bylaws. As provided in the Central Iowa Water Works Agreement, these Bylaws may be amended or repealed by a majority vote of the Board taken at any regularly scheduled or specially called meeting of the Board, provided that such proposed amendment or repeal of these bylaws was presented in writing at a prior regular meeting of the Board, and provided that notice of the impending vote thereon is contained in the meeting notice and Agenda of the meeting at which such vote is to be taken.

Section 48. Delegation of Duties of Secretary. The duties of the Secretary under these Bylaws may be performed by a Board clerk appointed at any time by resolution of the Board. Any references herein to the Secretary shall be deemed to refer also to the Board Clerk so appointed, if any.

Section 49. Committee Officer Terms. Voting members of the Long Range Planning and Capital Improvements Committee, Finance and Audit Committee, and Technical Committee shall, at their first meeting after the Annual Meeting of the Board held in even-numbered calendar years, elect a chair and, at their option, may elect a vice-chair. Such officers shall serve for two-year terms, expiring on December 31st of even numbered years, or until each successor officer has been elected. Officers, if any, of other CIWW committees shall serve for one-year terms unless otherwise provided by the CIWW Agreement or the Board.



# Attachment 1 – Scope of Services

## **Project Overview:**

Central Iowa Water Works (CIWW) is seeking an updated CIWW distribution system (DS) model to support the evaluation of future scenarios, capital planning efforts, and the design of high service pumps at the West Water Treatment Plant (WTP).

The primary objectives of Phase 1 are to determine high service pumping flow rates and total dynamic head (TDH), identify appropriate water main sizes, and assess the capacity of distribution system connection points to absorb and convey future flows.

The updated model will be used to evaluate anticipated system performance with the future West WTP online. The plant is planned with an initial capacity of 12 MGD, and the high service pumping system will be designed to ultimately accommodate up to 16 MGD.

The detailed scope of services for this project is provided below.

## **Task 100: Project Management**

### **1. Objective:**

Provide Project Management activities over the project duration including planning, organizing, and monitoring Project team activities, preparing and monitoring deliverable production standards, attending meetings, budget management, and liaison with CIWW and WDMWW.

### **2. Consultant Activities:**

- a. Team Management and Project Control
  - i. Budget and invoice management.
  - ii. Resource scheduling, management, and allocation based on task order schedules and activities.
  - iii. Project coordination.
  - iv. Prepare for and conduct weekly project status meetings with CIWW/WDMWW's Project Manager summarizing completed activities, next steps, information needs, status update of active work, review of project schedule, and action items for Consultant and CIWW/WDMWW staff.
  - v. Monthly progress reports submitted to CIWW with each invoice.
- b. Project Management Plan
  - i. Develop guidance document (Project Management Plan) for Consultant project team documenting project activities, constraints, guidelines, budgets, and procedures.
- c. Quality Control
  - i. Facilitate team meetings on a regular basis to facilitate communication flow and task order development.
  - ii. Conduct a Project Approach & Resource Review with senior technical leaders. At project initiation Consultant will conduct a project review to discuss technical approach, team resources, status of schedule and deliverables, and project management approach.

- iii. Facilitate independent quality control reviews for project deliverables.
- 3. **CIWW Responsibilities**
  - a. Participation in weekly project status meetings with Consultant Project Manager and including additional CIWW utilities staff in these update meetings as needed.
  - b. Provide requested information related to the project to Consultant at agreed upon due dates.
- 4. **Assumptions**
  - a. 3-month project duration (thru Task 500 complete).
  - b. Project status meetings will be conducted virtually.
  - c. The project will be managed to the roll-up project total amount, not to the sub-task level.
- 5. **Deliverables**
  - a. Monthly invoices and progress reports.
  - b. Action items log for project status meetings.

## **Task 200: Update & Validate CIWW Model with Updated Waukee Model and Current Data**

### **1. Objective:**

The objective of this task is to obtain and review relevant existing information to establish a baseline understanding and assessment of needs in developing the CIWW's updated distribution system (DS) hydraulic model (Task 300).

### **2. Consultant Activities:**

#### **a. Task 210. Project Kick-off Meeting:**

Define CIWW's primary success factors for the project. Define roles and responsibilities of CIWW/WDMWW and Consultant. Review and endorse the initial Project Schedule. Conduct initial CIWW utilities staff interviews on DS performance to date.

#### **b. Task 220. Incorporate updated Waukee DS Model:**

Waukee is currently updating their DS Model (via HDR). This task will incorporate relevant aspects in parallel to implementing the below tasks.

#### **c. Task 230. Obtain and review most current CIWW system data.**

- Changes to Pump curves, Tank data (base elevation, diameter, high water level, low water level), Pressure reducing valve settings, controls, closed valves, or Pressure zone isolation valves settings.
- SCADA information for the latest Maximum Day Demand (MDD) (2025) including "real time" (5-15 minute) information for tank levels, pump flows, meter flows, pressure, or other relevant information for use in the validation. This information may need to come from multiple member agencies.
- 2-3 hydrant flow tests for each pressure zone in WDMWW model with requested C factor updates.

#### **d. Task 240 Model Update:**

- Develop the DS Model Update 2026 MDD 72-hour EPS scenario using WaterGEMS. Demands will be set to match the latest estimate for 2026 MDD in each system area/member agency.

- Consultant/CIWW/WDMWW iteration calls during the development to address the modeling needs and as encountered by the modeling team during development. Consultant/CIWW/WDMWW iterations on identified GIS update needs.
- e. Task 250 Model Validation:**
- Upon completion of the initial DS model update Consultant will complete validation of the model. The model will be validated to known field conditions (available data points within the water distribution system) and further supported by hydrant flushing data.
  - Step 1 will be a “C factor” validation using fire flow test data from WDMWW pressure zones. For C factor validation, the model shall be considered validated when 90% of the model results are within 10% of the field observed conditions for a specific day of record.
  - Step 2 will be a “boundary-level” validation, validating model input data to available data points within the system. The boundary level validation shall be considered complete when tank levels and pump station run times are accurately represented. Pressures will be validated to match the accuracy of the elevation data in the hydraulic model.
- f. Task 260 Model Review Workshop:**
- Once the consultant has completed validation of the updated DS model, it will be reviewed and discussed with the CIWW/WDMWW. This project workshop will look to define any final adjustments needed and to obtain CIWW/WDMWW’s acknowledgement of the DS model update being substantially complete and functioning appropriately for future use.
- 3. CIWW Responsibilities:**
- a. Provide access to most current CIWW system data.
- 4. Assumptions:**
- a. Meetings/Workshops:
    - Project Workshop No. 1 (Kick-off Meeting). In person meeting attended by Consultant PM and lead modeler.
    - Model Review Workshop. In person meeting attended by Consultant PM and lead modeler.
  - b. WaterGEMS is the modeling platform used.
  - c. Basis of Validation:
    - 2026 Minimum Day Demand 72-hour Extended Period Simulation (EPS)
    - 2026 Average Day Demand 72-hour EPS
    - 2026 Maximum Day Demand 72-hour EPS
      - i. *Note: The 72-hour EPS is simulated over a 96-hour period; the first 24 hours are excluded from reporting and are considered a model stabilization period.*
  - d. The DS Model will be owned by the CIWW and operated by Consultant.
  - e. If additional hydrant flushing deemed necessary, CIWW will perform the associated field work.
  - f. If additional “C-factor” validation is requested, this will be additional work.
- 5. Deliverables:**
- a. Request For Information.

- b. Workshop agenda and summary.
- c. "Validated" 2026 MDD 72-hour EPS scenario in the WaterGEMS hydraulic model.

### **Task 300: Develop Updated 2033 and 2043 CIWW Base Scenarios**

**1. Objective:**

Develop updated CIWW base scenarios for 2033 and 2043 planning levels (one base scenario each). These two 2033 and 2043 base scenarios will include the proposed capital improvements from the 2024 CIWW Treatment Facility study. These scenarios will serve as the base scenarios for development of alternative scenarios referenced in Task 400.

**2. Consultant Activities:**

**a. Task 310 2033 Base Scenario Update.**

- An updated 2033 MDD 72-hour EPS scenario will be developed that includes the latest proposed CIWW improvements as developed in the 2024 CIWW Treatment Facility study.

**b. Task 320 2043 Base Scenario Update.**

- An updated 2043 MDD 72-hour EPS scenario will be developed that includes the latest proposed CIWW improvements as developed in the 2024 CIWW Treatment Facility study.

**3. CIWW Responsibilities:**

- a. Provide any current changes to proposed capital improvements outside of those proposed in the 2024 CIWW Treatment Facility study.

**4. Assumptions:**

- a. No significant changes in system configuration (e.g., major transmission mains, pressure zone boundaries) will be assumed beyond those identified in the 2024 CIWW Treatment Facility Study and any updates provided by CIWW.

**5. Deliverables:**

- a. Draft 2033 MDD 72-hour EPS scenario in the WaterGEMS hydraulic model.
- b. Draft 2043 MDD 72-hour EPS scenario in the WaterGEMS hydraulic model.

### **Task 400: Future Scenario Alternative Modeling.**

**1. Objective:**

The objective of this task is to utilize the updated and maintained DS model to further inform the CIWW's planning including providing sizes of transmission mains. Alternative scenarios will be developed from the future base model scenarios developed in Task 300.

**2. Consultant Activities:**

**a. Task 410. Modeling Scenario 1A (control valve to 88th):**

Connections similar to 2024 HDR study. Going to the east, a 24" pipe would tie into the core network along 88th Street via Mills Civic Parkway. Also, there would be a 30" pipe splitting off and heading up T Avenue and connecting to an 18" main at Ashworth Road in Waukee. The 24" main to the core network would have a control valve to step down the higher pressure from the high service pump station. Over time, we expect the higher demand to slowly shift

from the 24" connection (to 88th Street) to the 30" connection (up T Ave). This applies to all scenarios described here.

**b. Task 420. Modeling Scenario 1B (control valve to 88th):**

Going to the east, a 24" pipe would tie into the core network along 88th Street via EP True Parkway. Also, there would be a 30" pipe splitting off and heading up T Avenue and connecting to an 18" main at Ashworth Road in Waukee. The 24" main to the core network would have a control valve to step down the higher pressure from the high service pump station.

**c. Task 430. Modeling Scenario 2A (booster to Waukee):**

Connections similar to 2024 HDR study. Going to the east, a 24" pipe would tie into the core network along 88th Street via Mills Civic Parkway. Also, there would be a 30" pipe splitting off and heading up T Avenue and connecting to an 18" main at Ashworth Road in Waukee. The high service pump station would produce a lower pressure to serve the 88th Street core main. The 30" pipe extending toward Waukee would have a booster station to increase the pressure into the Waukee system.

**d. Task 440. Modeling Scenario 2B (booster to Waukee):**

Going to the east, a 24" pipe would tie into the core network along 88th Street via EP True Parkway. Also, there would be a 30" pipe splitting off and heading up T Avenue and connecting to an 18" main at Ashworth Road in Waukee. The 30" pipe extending toward Waukee would have a booster station to increase the pressure into the Waukee system.

**e. Task 450. Modeling Scenario 3 (separate high/low pressure mains):**

This scenario consists of having two transmission mains coming out of the high service pump station. A high-pressure 30" main would extend towards Waukee, tying in at the same T Ave/Ashworth point. A separate, low-pressure 24" main would extend from the high service station toward the 88th Street core main at EP True Parkway.

**f. Task 460. Modeling Scenario 4 (tie-ins to core main, WDM, and Waukee systems):**

This scenario consists of a single high-pressure transmission main coming out of the high service station, with the 30" pipe splitting off and heading towards Waukee, tying in at the same T Ave/Ashworth point. A high-pressure 24" main would continue east along the route toward the 88th Street core main at EP True Parkway, but first it would tie directly into the WDM system at a 16" main (with new control valve) at Grand Prairie Parkway. From there, it would step down in pressure with a control valve and tie into the 88th Street core main at EP True Parkway similar to the other options.

**g. Task 470. Modeling Scenario 5:**

This is an additional scenario for any viable option the model presents.

**3. CIWW Responsibilities:**

- a. Provide requested data required to model future scenarios.

**4. Assumptions:**

- a. Two modeling workshops WS400-1 and WS 400-2. Workshops to be conducted virtually.
- b. Task 400 scenarios defined above to be completed for each of two potential future west plant locations:
  - i. Knapp Abel location

- ii. Ruan Morrell location.
  - c. The differentiation of the A vs. B scenarios is whether the 24" main ties into the core main at Mills Civic Parkway or EP True Parkway.
  - d. Proposed Waukee tie-in point is where Ashworth and T-Avenue intersect.
  - e. Assumed initial operation of the future WDM ASR to have a capacity of 3 MGD.
  - f. Assume the same level of service goals as established in the CIWW study.
  - g. Future assets will be assumed to be the same as with the CIWW study.
- 5. Deliverables:**
- a. Workshop agenda and summary.
  - b. PPT slides associated with the respective scenarios analysis with the following output data identified:
    - a. Pressures at future plant, connection points, critical areas (high and low)
    - b. Pipe velocities
    - c. Flows
    - d. Main size
    - e. Pumpage at critical CIWW assets (MWTP, ASR, LP Moon)
  - c. Summary content for documentation with the Task 500 TM.
  - d. WaterGEMS hydraulic model including each of the alternative scenarios.

## Task 500: Summary Technical Memorandum

- 1. Objective:**

The objective of this task would be to compile the outcomes of Tasks 200, 300, and 400 into a single capstone Technical Memorandum deliverable.
- 2. Consultant Activities:**
  - a. Develop and Submit Draft TM.
  - b. Conduct Owner review meeting to collect and discuss Owner review comments of the draft TM.
  - c. Incorporate relevant Owner review comments into a Final TM and submit.
  - d. Project Close-out.
- 3. CIWW Responsibilities:**
  - a. Timely review of the draft TM.
  - b. Close the Owner's review window coincidental to the draft TM review meeting.
- 4. Assumptions:**
  - a. Review meeting will be Virtual.
  - b. Draft and Final TM deliverables will be electronic format.
- 5. Deliverables:**
  - a. Draft TM.
  - b. Final TM.
  - c. Meeting agenda and summary.

ATTACHMENT 2  
PROJECT SCHEDULE

The time of completion of the scope of services under this Agreement shall be as follows:

*The schedule is based upon Consultant receipt of Owner's Notice To Proceed (NTP), or executed PSA, by April 17, 2026. The scope of services will be completed in accordance with the following milestone schedule:*

<b>Milestone</b>	<b>Date</b>
CIWW Board Approval of PSA	April 22, 2026
NTP (or executed PCSA) Received by Consultant	April 24, 2026
Task 200 Project Kick-off Meeting/Workshop 1	May 1, 2026 (~1 week from NTP)
Task 200 Updated CIWW Model Complete	May 22, 2026 (~4 weeks from NTP)
<b>Task 300 Updated CIWW Base Scenarios Complete</b>	<b>June 19, 2026</b> (~4 weeks from end T200)
<b>Task 400 Future Scenario Alternatives Complete</b>	<b>June 19, 2026</b> (~4 weeks from end T200)
Task 500 Draft TM Submit	July 3, 2026 (~2 weeks from end T400)
Task 500 TM Review Meeting	July 10, 2026
Task 500 Final TM Submit	July 17, 2026



**CENTRAL IOWA WATER WORKS  
BOARD OF TRUSTEES ACTION ITEM FORM  
Meeting Date: April 22, 2026**

**ITEM NUMBER: 7C3a**

**SUBJECT:** Resolution – Approving the selection of PFM as Professional Municipal Advisor for Financial Services for a period ending December 31, 2029, and Authorizing the Executive Director to Execute an Agreement for Services

**SUMMARY:**

CIWW's Finance and Audit Committee issued a Request for Proposals (RFP) for Municipal Advisory Services to support ongoing financial planning, capital financing, and debt issuance activities. Responses were received and evaluated based on qualifications, experience, understanding of CIWW's needs, and overall value to the organization.

Following evaluation, PFM Financial Advisors LLC was identified as the most qualified firm to provide these services.

PFM's proposed scope of services aligns closely with CIWW's current and future needs, including:

- Development of long-term capital financing and debt management strategies
- Evaluation of funding options such as revenue bonds and State Revolving Fund (SRF) loans
- Financial modeling and scenario analysis to support system growth and infrastructure investment
- Coordination with financing partners and support through debt issuance processes
- Ongoing advisory services related to budgeting, rate setting, and financial planning

**FINANCIAL IMPACT:**

Costs associated with municipal advisory services will be paid through a combination of fixed-rate transaction fees for debt issuances and a monthly retainer of \$6,500, as outlined in the proposed engagement agreement.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

Approve the selection of PFM as Professional Municipal Advisor for Financial Services for a period ending December 31, 2029, and Authorizing the Executive Director to Execute an Agreement for Services

Prepared by: \_\_\_\_\_

*Jami Madsen*

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION APPROVING A PROFESSIONAL MUNICIPAL ADVISOR FOR FINANCIAL SERVICES AND AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE AN AGREEMENT FOR SERVICES**

WHEREAS, Article XIV, Section 3 of the Central Iowa Water Works 28E/28F Agreement provides that Central Iowa Water Works (“CIWW”) shall engage qualified consultants (“Professional Municipal Advisor for Financial Services”) to advise and support the Board in financial matters including budgeting, cost allocation studies, rate setting, indebtedness, and other financial matters as set forth in Schedule XIV-3;

WHEREAS, after review of the proposals, the Finance and Audit Committee is recommending the selection of PFM Financial Advisors LLC as professional municipal advisor for financial services for CIWW; and

WHEREAS, the Board of Trustees believes it is in the best interest of Central Iowa Water Works to engage PFM Financial Advisors LLC as professional municipal advisor for financial services for CIWW; and

WHEREAS, upon receipt of the Engagement Letter for professional municipal advisor financial services the Executive Director is authorized to execute said letter;

NOW, THEREFORE IT IS HEREBY RESOLVED, by the Board of Trustees of Central Iowa Water Works that PFM Financial Advisors LLC is hereby selected and engaged as the professional municipal advisor for financial services for CIWW.

IT IS FURTHER RESOLVED that the Executive Director is authorized to execute an agreement for services.

PASSED AND APPROVED this 22ND Day of April, 2026.

\_\_\_\_\_  
Jody E. Smith, Board Chair

Attest:

\_\_\_\_\_  
Diane Munns, Board Secretary



April 3, 2026

Ms. Tami Madsen  
Executive Director  
Central Iowa Water Works  
4601 Westown Parkway, Suite 122  
Des Moines, IA 50266

Dear Ms. Madsen,

The purpose of this letter (this “Engagement Letter”) is to confirm our agreement that PFM Financial Advisors LLC (“PFM”) will act as financial advisor to the Central Iowa Water Works (the “Client”) in connection with the issuance of future debt obligations including but not limited to Revenue Bonds and SRF Loans. In addition, PFM will provide, upon request of the Client, additional long-term financial and capital planning, budget and strategic advice and planning, credit strategy, policy development, financial modeling, and other debt issuance development services, as applicable and set forth in Exhibit A to this Engagement Letter. PFM will provide, upon request of Client, financial planning services and development of planning models, as applicable and set forth in Exhibit A to this Engagement Letter. Most tasks requested by Client will not require all services provided for in Exhibit A and as such the specific scope of services for such task shall be limited to just those services required to complete the task.

**pfm**

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801 Grand  
Suite 3300  
Des Moines, IA 50309  
515.243.2600

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[pfm.com](http://pfm.com)

PFM is a registered municipal advisor with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2. As of the date of this letter, Client has **not** designated PFM as its independent registered municipal advisor (“IRMA”) for purposes of SEC Rule 15Ba1-1(d)(3)(vi) (the “IRMA exemption.”). Client agrees not to represent that PFM is Client’s IRMA with respect to any aspect of a municipal securities issuance or municipal financial product, without PFM’s prior written consent.

MSRB Rule G-42 requires that municipal advisors make written disclosures to its clients of all material conflicts of interest and certain legal or disciplinary events and certain regulatory requirements. Such disclosures are provided in PFM’s disclosure statement delivered to Client together with this agreement.

PFM’s services will commence as soon as practicable after the receipt of this Engagement Letter by Client and a request by Client for such service. Any material changes in or additions to the scope of services described in Exhibit A shall be promptly reflected in a written supplement or amendment to this Engagement Letter. Services provided by PFM which are not included in the scope of services set forth in Exhibit A of this agreement shall be completed as agreed in writing in advance between Client and PFM. Upon request of Client, PFM or an affiliate of PFM may agree to additional services to be provided by PFM or an affiliate of PFM, by a separate agreement between Client and PFM or its respective affiliate.

For the services described in Exhibit A, PFM’s professional fees will be paid as provided in Exhibit B. In addition to fees for services, PFM will be reimbursed for necessary, reasonable, and documented out-of-pocket expenses incurred, including travel, meals, lodging, telephone, mail, and other ordinary cost and any actual extraordinary cost for graphics, printing, data processing and computer time which are incurred by PFM. Upon request of Client, documentation of such expenses will be provided.



This Engagement Letter shall remain in effect unless canceled in writing by either party upon thirty (30) days written notice to the other party. PFM shall not assign any interest in this Engagement Letter or subcontract any of the work performed under this Engagement Letter without the prior written consent of Client; provided that upon notice to Client, PFM may assign this Engagement Letter or any interests hereunder to a municipal advisor entity registered with the SEC that directly or indirectly controls, is controlled by, or is under common control with, PFM.

All information, data, reports, and records (“Data”) in the possession of Client or any third party necessary for carrying out any services to be performed under this Engagement Letter shall be furnished to PFM and Client shall, and shall cause its agent(s) to, cooperate with PFM in its conduct of reasonable due diligence in performing the services. To the extent Client requests that PFM provide advice with regard to any recommendation made by a third party, Client will provide to PFM written direction to do so as well as any Data it has received from such third party relating to its recommendation. Client acknowledges and agrees that while PFM is relying on the Data in connection with its provision of the services under this agreement, PFM makes no representation with respect to and shall not be responsible for the accuracy or completeness of such Data.

All notices given under this Engagement Letter will be in writing, sent by email or registered United States mail, with return receipt requested, addressed to the party for whom it is intended, at the addresses on the first page of this Engagement Letter.

All materials, except functioning or dynamic financial models, prepared by PFM pursuant exclusively to this Engagement Letter will be the property of Client. Subject to the preceding exception, upon termination of this Engagement Letter, PFM will deliver to Client copies of any and all material pertaining to this Engagement Letter.

The Des Moines office of PFM will provide the services set forth in this Engagement Letter. PFM may, from time to time, supplement or otherwise amend team members. Client has the right to request, for any reason, PFM to replace any member of the advisory staff. Should Client make such a request, PFM will promptly suggest a substitute for approval by Client.

PFM will maintain insurance coverage with policy limits not less than as stated in Exhibit C. Except to the extent caused by willful misconduct, bad faith, gross negligence or reckless disregard of obligations or duties under this Engagement Letter on the part of PFM or any of its associated persons, neither PFM nor any of its associated persons shall have liability to any person for any act or omission in connection with performance of its services hereunder, or for any error of judgment or mistake of law, or for any loss arising out of any issuance of municipal securities, any municipal financial product or any other financial product or investment, or for any financial or other damages resulting from Client’s election to act or not to act, as the case may be, contrary to or, absent negligence on the part of PFM or any of its associated persons, upon any advice or recommendation provided by PFM to Client.

PFM, its employees, officers and representatives at all times will be independent contractors and will not be deemed to be employees, agents, partners, servants and/or



joint venturers of Client by virtue of this Engagement Letter or any actions or services rendered under this Engagement Letter.

This Engagement Letter represents the entire agreement between Client and PFM and may not be amended or modified except in writing signed by PFM.

Please have an authorized official of Client acknowledge receipt of this Engagement Letter and respond to us to acknowledge the terms of this engagement.

**PFM FINANCIAL ADVISORS LLC**

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Suane Gerlach  
Managing Director

---

Matthew Stoffel  
Director



## **EXHIBIT A** **SCOPE OF SERVICES**

PFM shall provide, upon request of Client, municipal advisory services related to the financial planning and development of planning models, examples of which, not intended to be exclusive, are set forth as follows:

### **Debt Planning and Analysis**

- Evaluate CIWW's short- and long-term capital financing needs
- Assist with development and updates to CIWW's multi-year capital financing and debt management plans
- Analyze impacts of financing options on wholesale water rates, debt service coverage, and financial resilience
- Review existing debt portfolio and identify restructuring or refinancing opportunities
- Provide scenario analysis related to growth, regulatory compliance, and source water investments
- Provide other planning and analysis support as necessary and agreed by both parties

### **Financing and Transaction Support**

- Recommend appropriate financing structures, including revenue bonds, State Revolving Fund (SRF) loans, private placements, and other available funding programs
- Assist CIWW in evaluating competitive versus negotiated sales and direct bank placements
- Develop financing schedules, sources-and-uses tables, and cash flow projections
- Assist with preparation of financing plans and transaction timelines
- Coordinate with bond counsel, underwriters, trustees, state agencies, member agencies, and other transaction participants
- Provide other financing and transaction support as necessary and agreed by both parties

### **Documentation and Disclosure Support**

- Assist with preparation and review of official statements and other disclosure documents
- Review bond documents for consistency with financing objectives
- Support compliance with federal, state, and local regulations, including SEC and MSRB requirements
- Provide other documentation and disclosure support as necessary and agreed by both parties

### **Rating Agency and Investor Relations**

- Assist in preparing rating agency presentations and materials
- Participate in rating agency meetings and investor calls, as requested
- Advise on strategies to maintain or improve credit ratings
- Provide other rating agency and investor relations support as necessary and agreed by both parties



### **Ongoing Advisory Services**

- Monitor market conditions and advise on timing of financings
- Provide periodic updates on interest rate trends and municipal market conditions
- Assist with post-issuance compliance and continuing disclosure considerations
- Attend Authority board, committee meetings, and other relevant meetings, as requested
- Provide ongoing advisory services in various financial matters including budgeting, cost allocation studies, rate setting, indebtedness, debt issuance, capital financial planning, and other financial matters
- Provide other advisory services as necessary and agreed by both parties



**EXHIBIT B**  
**COMPENSATION FOR SERVICES**

**1. Fixed Rate Transaction Fees**

For financial planning and debt issue development services related to the debt issuance of water revenue loan to be issues. PFM will be paid a one-time fee based on the amount of each loan as listed in the table below. For Planning and Design Loans issues through the state revolving loan program PFM will be paid an administrative fee of \$2,000 per loan. Transaction fees are payable upon closing.

<b>Amount of Loan<sup>1)</sup></b>	<b>Proposed Not to Exceed Municipal Advisory Fee <sup>2)</sup></b>
Under \$1 Million	Greater of \$6,437.50 or 1% of Issue Price
\$1,000,000 to \$4,999,999	\$19,312.50
\$5,000,000 to \$9,999,999	\$22,531.25
\$10,000,000 to \$14,999,999	\$25,750.00
\$15,000,000 to \$19,999,999	\$28,968.75
\$20,000,000 to \$29,999,999	\$35,406.25
\$30,000,000 to \$39,999,999	\$45,062.50
Over \$40,000,000	\$54,718.75 plus \$0.77 per \$1,000 of issue price over \$40,000,000

- 1) Amount of issue based on final issue price (i.e. gross production).
- 2) Fee Schedule valid through December 31, 2026 with 3% annual inflation adjustments effective January 1, 2027.

**2. Retainer Fee**

For financial planning services, development of planning models, and other services provided as requested by the Client, PFM will be paid a monthly fee of \$6,500 per month. The Retainer assumes the scope of services outlined in Exhibit A can be completed within 20-40 hours per month. To the extent the amount of time is considerably more or less during the engagement, PFM will work with CIWW to adjust the retainer to a mutually agreeable retainer amount.

Fee Schedule valid through December 31, 2026 with 3% annual inflation adjustments effective January 1, 2027.



### 3. Hourly Project Fees

In the event Client requests that PFM perform significant special projects that are outside of the Scope of Service included herein, PFM will be negotiated fees in advance of the project. Fees will be generally based upon the hourly rates included in the table below for the indicated levels of experience or their equivalents.

In addition, in the event a financing is started, but cancelled at the Client's request, PFM will work with City staff to determine an appropriate fee based on the actual hours spent on the transaction. Accrued time will be billed as follows:

<u>Experience Level</u>	<u>Hourly Rate</u>
Managing Director	\$350.00
Director	\$300.00
Senior Managing Consultant	\$250.00
Senior Analyst	\$200.00
Analyst	\$175.00
Municipal Bond Assistant	\$125.00

Hourly rates are valid through December 31, 2026 with 3% annual inflation adjustments effective January 1, 2027.

### 4. Reimbursable Expenses

In addition to fees for services, PFM will be reimbursed for necessary, reasonable, and documented out-of-pocket expenses incurred, including data, travel, mileage, technology fees associated with pricing, parking meals, other ordinary costs which are incurred by PFM. Appropriate expense documentation and third-party receipts would be available upon request.



**EXHIBIT C**  
**INSURANCE STATEMENT**

PFM has a complete insurance program, including property, casualty, general liability, automobile liability and workers compensation. PFM maintains professional liability and fidelity bond coverages which total \$5 million and \$5 million single loss/ \$10 million aggregate, respectively. PFM also carries a \$5 million cyber liability policy.

Our Professional Liability policy is a “claims made” policy and our General Liability policy claims would be made by occurrence.

**1. Deductibles/SIR:**

Automobile \$100 comprehensive & \$1,000 collision  
Cyber Liability \$100,000  
General Liability \$0  
Professional Liability (E&O) \$200,000  
Financial Institution Bond \$50,000

**2. Insurance Company & AM Best Rating**

Professional Liability (E&O).....	Lloyds of London; (A; Stable)
.....	AXIS Surplus Insurance Company; (A; Stable)
Financial Institution Bond.....	Berkley Regional Insurance Company; (A+; Stable)
Cyber Liability.....	Greenwich Insurance Company (A+; Stable)
General Liability.....	Valley Forge Insurance Company; (A; Stable)
Automobile Liability.....	Continental Insurance Company; (A; Stable)
Excess/Umbrella Liability.....	Continental Insurance Company; (A; Stable)
Workers Compensation & Employers Liability .....	Continental Insurance Company; (A; Stable)

**DISCLOSURE OF CONFLICTS OF INTEREST AND OTHER  
IMPORTANT MUNICIPAL ADVISORY INFORMATION  
PFM Financial Advisors LLC**

**I. Introduction**

PFM Financial Advisors LLC and PFM Swap Advisors LLC (hereinafter, referred to as “We,” “Us,” or “Our”) are registered municipal advisors with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2. In accordance with MSRB rules, this disclosure statement is provided by Us to each client prior to the execution of its advisory agreement with written disclosures of all material conflicts of interests and legal or disciplinary events that are required to be disclosed with respect to providing financial advisory services pursuant to MSRB Rule G-42(b) and (c) (ii). We employ a number of resources to identify and subsequently manage actual or potential conflicts of interest in addition to disclosing actual and potential conflicts of interest provided herein. We do not provide legal, tax, or accounting advice.

***How We Identify and Manage Conflicts of Interest***

**Code of Ethics.** The Code requires that all employees conduct all aspects of Our business with the highest standards of integrity, honesty and fair dealing. All employees are required to avoid even the appearance of misconduct or impropriety and avoid actual or apparent conflicts of interest between personal and professional relationships that would or could interfere with an employee’s independent exercise of judgment in performing the obligations and responsibilities owed to a municipal advisor and Our clients.

**Policies and Procedures.** We have adopted policies and procedures that include specific rules and standards for conduct. Some of these policies and procedures provide guidance and reporting requirements about matters that allows Us to monitor behavior that might give rise to a conflict of interest. These include policies concerning the making of gifts and charitable contributions, entertaining clients, and engaging in outside activities, all of which may involve relationships with clients and others that are important to Our analysis of potential conflicts of interest.

**Supervisory Structure.** We have both a compliance and supervisory structure in place that enables Us to identify and monitor employees’ activities, both on a transaction and Firm-wide basis, to ensure compliance with appropriate standards. Prior to undertaking any engagement with a new client or an additional engagement with an existing client, appropriate municipal advisory personnel will review the possible intersection of the client’s interests, the proposed engagement, Our engagement personnel, experience and existing obligations to other clients and related parties. This review, together with employing the resources described above, allows Us to evaluate any situations that may be an actual or potential conflict of interest.

**Disclosures.** We will disclose to clients those situations that We believe would create a material conflict of interest, such as: 1) any advice, service or product that any affiliate may provide to a client that is directly related to the municipal advisory work We perform for such client; 2) any payment made to obtain or retain a municipal advisory engagement with a client; 3) any fee-splitting arrangement with any provider of an investment or services to a client; 4) any conflict that may arise from the type of compensation arrangement We may have with a client; and 5) any other actual or potential situation that We are or become aware of that might constitute a material conflict of interest that could reasonably expect to impair Our ability to provide advice to or on behalf of clients consistent with regulatory requirements. If We identify such situations or circumstances, We will prepare meaningful disclosure that will describe the implications of the situation and how We intend to manage the situation. We will also disclose any legal or disciplinary events that are material to a client’s evaluation or the integrity of Our management or advisory personnel. We will provide this disclosure (or a means to access this information) in writing prior to starting Our proposed engagement, and will provide such additional information or clarification as the client may request. We will also advise Our clients in writing of any subsequent material conflict of interest that may arise, as well as the related implications, Our plan to manage that situation, and any additional information such client may require.

**II. General Conflict of Interest Disclosures**

***Disclosure of Conflicts Concerning the Firm’s Affiliates***

Our affiliates offer a wide variety of financial services, and Our clients may be interested in pursuing services separately provided by an affiliate. The affiliate’s business with the client could create an incentive for Us to recommend a course of

action designed to increase the level of the client's business activities with the affiliate or to recommend against a course of action that would reduce the client's business activities with the affiliate. In either instance, We may be perceived as recommending services for a client that are not in the best interests of Our clients, but rather are in Our interests or the interests of Our affiliates. Accordingly, We mitigate any perceived conflict of interest that may arise in this situation by disclosing it to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances. Further, We receive no compensation from Our affiliates with respect to a client introduction or referral. If a client chooses to work with an affiliate, We require that the client consult and enter into a separate agreement for services, so that the client can make an independent, informed, evaluation of the services offered.

***Disclosure of Conflicts Related to the Firm's Compensation***

From time to time, We may be compensated by a municipal advisory fee that is or will be set forth in an agreement with the client to be, or that has been, negotiated and entered into in connection with a municipal advisory service. Payment of such fee may be contingent on the closing of the transaction and the amount of the fee may be based, in whole or in part, on a percentage of the principal or par amount of municipal securities or municipal financial product or the complexity of the municipal securities transaction or municipal financial product. While this form of compensation is customary in the municipal securities market, it may be deemed to present a conflict of interest since We may appear to have an incentive to recommend to the client a transaction that is larger in size or more complex than is necessary. Further, We may also receive compensation in the form of a fixed fee arrangement. While this form of compensation is customary, it may also present a potential conflict of interest, if the transaction requires more work than contemplated and We are perceived as recommending a less time consuming alternative contrary to the client's best interest so as not to sustain a loss. Finally, We may contract with clients on an hourly fee basis. If We do not agree on a maximum amount of hours at the outset of the engagement, this arrangement may pose a conflict of interest as We would not have a financial incentive to recommend an alternative that would result in fewer hours. We manage and mitigate all of these types of conflicts by disclosing the fee structure to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances.

***Disclosure of Conflicts Related to the Firm's Compensation Structure for Our Registered Advisors.***

Pursuant to various employee compensation structures, from time to time We offer certain of Our registered municipal advisors ("Registered Advisors") financial benefits based on his or her business plan, client base, performance, and/or transactions closed. This provides an incentive for such Registered Advisors to seek to retain additional clients and/or transactions or services from clients. While this form of compensation may be customary in some segments of the municipal advisory market, provision of such financial benefits may be deemed to present a conflict of interest. We manage and mitigate these types of conflicts by Registered Advisor's adherence to Our Code of Ethics and Policies and Procedures, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances.

***Disclosure Concerning Provision of Services to State and Local Government, and Non-Profit Clients***

We regularly provide financial advisory services to state and local governments, their agencies, and instrumentalities, and non-profit clients. While Our clients have expressed that this experience in providing services to a wide variety of clients generally provides great benefit for all of Our clients, there may be or may have been clients with interests that are different from (and adverse to) other clients. If for some reason any client sees Our engagement with any other particular client as a conflict, We will mitigate this conflict by engaging in a broad range of conduct, if and as applicable. Such conduct may include one or any combination of the following: 1) disclosing the conflict to the client; 2) requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, including the client's needs, objectives and financial circumstances; 3) implementing procedures that establishes an "Informational Bubble" that creates physical, technological and procedural barriers and/or separations to ensure that non-public information is isolated to particular area such that certain governmental transaction team members and supporting functions operate separately during the course of work performed; and 4) in the rare event that a conflict cannot be resolved, We will withdraw from the engagement.

***Disclosure Concerning Provision of Services by Our Registered Advisors Dually through the Firm and the Firm's Affiliates.***

Our affiliates offer a wide variety of financial services, and Our clients may be interested in pursuing services separately provided by an affiliate. From time to time, We may have registered municipal advisors ("Registered Advisors") that may provide services to a Municipal Entity client on behalf of, and under a separate written client agreement with, both Us and one or more of Our affiliates. In such cases, the individual will act solely on behalf of Us or the applicable Affiliate, respectively,

that is a party to the specific agreement governing the respective services. For example, if a Municipal Entity client engages Us for municipal advisory services and separately engages an affiliate of Ours for consulting or other non-municipal advisory services, the same individual may serve under both engagements – as a Registered Advisor under the client agreement with Us and as an individual service provider under the client agreement with Our affiliate. Such circumstance could be perceived as a conflict of interest considering the individual’s dual service role and involvement, as well as differing duties owed to the client. Accordingly, We mitigate any perceived conflict of interest that may arise in this situation by disclosing it to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client’s needs, objectives and financial circumstances. If a client chooses to obtain services of an affiliate, even if the affiliate’s services are provided by a Registered Advisor, not in their municipal advisory representative capacity but as an individual service provider acting solely on behalf of the applicable affiliate, We require that the client consult and enter into a separate agreement for such services, so that the client can make an independent, informed, evaluation of the services offered.

***Disclosure of Conflicts Related to the Firm’s Affiliate’s Channel Partner Arrangement***

Our affiliate, PFM Solutions LLC d/b/a Synario (“Synario”), a Software-as-a-Service (“SaaS”) company has entered into a channel partner arrangement with Fifth Asset, Inc. d/b/a DebtBook (“DebtBook”), a SaaS company that delivers an integrated, purpose-built financial management, treasury, and liquidity software platform for government and nonprofit organizations. As part of the arrangement, We have agreed to introduce clients to Synario for the purpose of Synario referring the client to utilize DebtBook products (the “Purpose”). A percentage of fees received from successful referrals that become clients of DebtBook will be paid by DebtBook to Synario in consideration for the referral. Additionally, individual members of Ours, solely in their personal capacity and independent of Us or any of Our affiliates, hold passive, minority, investment interests in DebtBook, that, in the aggregate, represent less than one percent (1%) of DebtBook’s fully diluted shares, which shares are not publicly traded. The referral and corresponding referral fee compensation together with these de minimis personal ownership interests create a material conflict of interest as they provide Us with an incentive introduce clients to Our affiliate for the Purpose. Accordingly, We mitigate conflicts of interest arising in this situation by disclosing it to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client’s needs, objectives and financial circumstances. The channel partner arrangement does not cause an increase in the municipal advisory fees charged to you. If you choose to obtain services of DebtBook, you must make an independent, informed, evaluation of the services offered and enter into a separate agreement for such services directly with DebtBook.

***Disclosure Related to Legal and Disciplinary Events***

As registered municipal advisors with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2, Our legal, disciplinary and judicial events are required to be disclosed on Our forms MA and MA-I filed with the SEC, in ‘**Item 9 Disclosure Information**’ of form MA, ‘**Item 6 Disclosure Information**’ of form MA-I, and if applicable, the corresponding disclosure reporting page(s) (“DRP”). To review the foregoing disclosure items and material change(s) or amendment(s), if any, clients may electronically access PFM Financial Advisors LLC filed forms MA and MA-I on the SEC’s Electronic Data Gathering, Analysis, and Retrieval system, listed by date of filing starting with the most recently filed, at:

PFM Financial Advisors LLC –

<https://www.sec.gov/cgi-bin/browse-edgar?action=getcompany&CIK=0001669517&owner=include&count=40>

**III. Specific Conflicts of Interest Disclosures – Central Iowa Water Works**

To Our knowledge, following reasonable inquiry, We make the additional disclosure(s) of actual or potential conflicts of interest cited below in connection with the municipal advisory services currently being contemplated for client.

We currently serve as a municipal advisor to certain overlapping and surrounding entities including Adel, Alleman, Altoona, Ankeny, Bondurant, Carlisle, Clive, Cumming, Des Moines, Elkhart, Grimes, Johnston, Norwalk, Pleasant Hill, Polk City, Van Meter, Waukee, West Des Moines and Windsor Heights; Des Moines Independent Community School District, Waukee Community School District, and Southeast Polk Community School District, Des Moines Airport Authority, Des Moines Area Regional Transit Authority, Des Moines Metropolitan Wastewater Reclamation Authority, Des Moines Water Works, Metro Waste Authority, Urbandale Sanitary Sewer District, Urbandale Water Utility, Urbandale Windsor Heights Sanitary District,

West Des Moines Water Works and the State of Iowa. We do not anticipate this to create a conflict of interest nor to impede Our ability to fulfill Our fiduciary duty to Central Iowa Water Works.

***Conflicts Disclosure Related to Providing Services to Municipal Entity Clients and Obligated Persons on the Same Municipal Transaction***

From time to time We may represent a Municipal Entity client and an Obligated Person on the same side of a transaction. This situation may present a potential conflict of interest if Our fiduciary duty to the Municipal Entity and duty of care owed to the Obligated Person represent competing interests. Accordingly, We mitigate this conflict of interest by disclosing it to clients, requiring separately negotiated agreements between Us and each client, and requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances. We currently serve as municipal advisor to the Iowa Finance Authority who is the lender on all State Revolving Fund loans. We do not anticipate this to create a conflict of interest nor to impede Our ability to fulfill Our fiduciary duty to Central Iowa Water Works.

**IV. Municipal Advisory Complaint and Client Education Disclosure**

The MSRB protects state and local governments and other municipal entities and the public interest by promoting fair and efficient municipal securities markets. To that end, MSRB rules are designed to govern the professional conduct of brokers, dealers, municipal securities dealers and municipal advisors. Accordingly, if you as municipal advisory customer have a complaint about any of these financial professionals, please contact the MSRB's website at [www.msrb.org](http://www.msrb.org), and consult the MSRB's Municipal Advisory Client brochure. The MSRB's Municipal Advisory Client brochure describes the protections available to municipal advisory clients under MSRB rules, and describes the process for filing a complaint with the appropriate regulatory authority.

PFM's Financial Advisory services are provided by PFM Financial Advisors LLC. PFM's Swap Advisory services are provided by PFM Swap Advisors LLC. Both entities are registered municipal advisors with the MSRB and SEC under the Dodd Frank Act of 2010.