

AGENDA

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.

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

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)

Mr. Daniel Manning regarding 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
- B. Resolution – License Agreements for the Right to Farm Real Estate Owned by Central Iowa Water Works

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)

- 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. Resolution – Approve Updated I-2-A (Historic Annual Finished Water Requirements) and I-2-B (Five-Year Average Maximum Day Demand)
- B. Resolution – Review and Approve Financial Institutions and Maximum Amounts for Central Iowa Water Works Bank Deposits
- C. Motion – 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
- D. Motion – Approve AE2S Task Order 2026-1 for General Engineering and Program Management Services
- E. Motion – Approve AE2S Task Order 2025-3 West Water Treatment Plant and SRF Expansion – Owner’s Representative Services
- F. Motion – Authorize Executive Director to Execute an Agreement not to exceed \$42,410 – for Aqualytics Smart Water Pilot Program Study
- G. Resolution – Approve Amendment to Employment Agreement

Item 8: Information Items

- A. Executive Director Comments
 - 1. After-Action Review Update
 - 2. Legislative Update
 - 3. Project Reports
 - 4. Capacity Allocation Discussion
- B. Contract Operator Updates

C. Board Committee Reports

1. Executive Committee

- a. Presentation of Proposed Bylaw Amendments (to be approved at future Board meeting)
- b. Potential Amendments to the 28E/28F Agreement

2. Technical Committee

3. Finance and Audit Committee

4. Water Usage Best Practices Committee

5. Long-Range Planning Committee

Item 9: Other Business

Adjournment

Upcoming CIWW Activities			
<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



Address:
4601 Westown Parkway, Suite 122
West Des Moines, IA 50266
email: info@ciww.gov

Date: March 25, 2026
To: Board of Trustees
From: Tami Madsen, Executive Director
Subject: Background Information - Public Comment Mr. Daniel Manning regarding
4500 SE Army Post Road, West Des Moines

Central Iowa Water Works received an email from Mr. Daniel Manning requesting to be placed on the March Board of Trustees meeting agenda. His correspondence is included in this packet.

The request pertains to the operations of West Des Moines Water Works (WDMWW). CIWW does not have authority over member utility operations, and Mr. Manning has been directed to work directly with WDMWW regarding water service for this property.

CIWW does, however, have a direct interest in protecting Purple Martin Lake as a future drinking water source for the region. As such, Mr. Manning has been added to the agenda under the public comment portion.

CIWW, DMWW, and WDMWW have worked collaboratively with Nyemaster Law Firm since early 2025 to discuss and resolve this matter. More recently, a source water study team, composed of outside consultants, Technical Committee members, and regional stakeholders was established to develop mutually acceptable measures to protect the lake. Throughout this process, CIWW and our stakeholders have sought to identify source water protection measures that would safeguard the future supply while also acknowledging the developer's interests. However, because the eventual tenant and operational activities remain unknown, the potential risk of contamination is still substantial. Despite continued discussions, the parties have not been able to reach a satisfactory resolution.

CIWW is in the final phases of a source water protection study to identify potential contamination risks at Purple Martin Lake and nearby water bodies and to develop an action plan to address those threats. The results of this study will help reduce risk to public health, avoid costly water treatment, and ensure a sustainable supply of clean water for the future. The study started as a discussion between West Des Moines Water Works and the City of West Des Moines before the operational commencement of CIWW, as such, WDMWW has led the project and the communication with the city.

In addition to investing in the source water study, the Board of Trustees established a \$200,000 budget for source water protection measures at Purple Martin Lake during the December Board

Meeting. As of this time, CIWW's offer to provide funding for stormwater management infrastructure has not been accepted.

The December Board Meeting agenda item is attached for reference.



**PEDDICORD
LILLIS**

ATTORNEYS & COUNSELORS AT LAW

Writer's Direct E-Mail: danl@peddicord.law

March 13, 2026

Board of Trustees
West Des Moines Water Works
1505 Railroad Avenue
West Des Moines, IA 50265

Board of Trustees
Central Iowa Water Works
Three Fountains, Edgewater Building
4200 University Ave., Suite 134
West Des Moines, IA 50266

RE: West Des Moines Water Works Immediately Providing Water Service to the Approved Warehouse Building Located Within the South Branch Business Park Planned Unit Development with a Local Address of 4500 SE Army Post Road, West Des Moines, Iowa

Dear Members of the Board of Trustees:

FACTUAL SUMMARY

In 2023, a warehouse building located at 3075 S.E. 42nd Street was constructed and completed within the South Branch Business Park. Prior to the completion of the building, the developer/owner was required to obtain approval by the City of West Des Moines in accordance with Title 9, Zoning, of the West Des Moines Municipal Code. In January 2025, the developer/owner began the process of obtaining a site plan approval for a second warehouse building to be constructed in the South Branch Business Park. Upon approval of the second building, the developer/owner endured the same rigorous and exacting approval as the first building. The developer/owner obtained final approval of the site plan on December 15, 2025. Attached to this letter and marked as Exhibit A is an aerial depiction of the property, which reveals the location of building number two will be located immediately to the west of the existing warehouse. Both are located within the South Branch Business Park.

In the Fall of 2025, the developer/owner was authorized by the City of West Des Moines to begin on-site grading work and was authorized to begin placing infrastructure/utilities on the site. Once the developer/owner had the waterlines prepared for service taps, it contacted West Des Moines Water Works to conduct an inspection and perform the service taps of Water Works' main waterlines. Only after the inspection and tap was requested did the developer/owner learn that the West Des Moines Water Works inspection staff was instructed not to inspect the property. As a result, the inspection staff denied water service to building number two.

The developer/owner has been informed that West Des Moines Water Works' position is that it has the right to withhold the issuance of water service until an easement is provided by the developer/owner to West Des Moines Water Works. The developer/owner has complied with all aspects of the West Des Moines Municipal Code, and there is no legitimate reason to withhold water service to this property.

Further, the developer has expended millions of dollars in the development of the property at 4500 S.E. Army Post Rd., and the refusal to provide water service will cause the developer/owner to be in breach of its construction agreement. This delay will result in millions of dollars in damages to the developer/owner based solely upon the denial of West Des Moines Water Works to provide water service to this site.

PURPLE MARTIN RESERVOIR

The developer/owner has been made aware by the West Des Moines Water Works that there is a water reservoir located to the north of the subject property, known as the Purple Martin Reservoir, which is now owned by Central Iowa Water Works. Central Iowa Water Works has asserted that, at some point, it may wish to utilize the Purple Martin Reservoir as a drinking water source at a future date. In addition to being in contact with the Iowa Department of Natural Resources, the developer/owner has reviewed the Code of Iowa and Iowa Administrative Code concerning the requirements to utilize this area as a drinking water source in the future. The developer/owner has learned that the Iowa Department of Natural Resources requires a 400-foot "zone of control" near potential water sources.

The developer/owner has offered to provide the necessary buffer as required by the Iowa Department of Natural Resources. This area is attached hereto and marked as Exhibit B. This would provide West Des Moines Water Works and/or Central Iowa Water Works the buffer it needs to move forward with its desire to utilize the Purple Martin Reservoir as a water source. We provide this drawing for the simple understanding that the developer does not wish to restrict the long-range plans of either Central Iowa Water Works or West Des Moines Water Works. The developer/owner is willing to, within reason, work with both entities to achieve a common goal. However, there is no application on file with the Iowa Department of Natural Resources as of the date of this letter that would support, in any way, the denial of water service to this lawfully approved development.

The developer/owner renewed their request for water on Thursday, March 12, 2026, and was again denied. We ask that you immediately take the steps necessary to ensure that the property at 4500 S.E. Army Post Rd. is granted access to water, that you allow for the inspection of the waterlines that are currently in place at 4500 S.E. Army Post Rd., and that the proper steps are taken to immediately allow for water service to commence at this location.

In addition, we respectfully request that this issue be placed on your next regularly scheduled meeting agenda. We want to have an opportunity to speak to the Board of Trustees on this matter.

Very truly yours,



Daniel L. Manning



Dariann Garrison-Nickerson

DLM/dj



CENTRAL IOWA WATER WORKS

BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: December 17, 2025

ITEM NUMBER: 8C

SUBJECT: Motion – Approve Reallocation Request within 2026 Capital Improvements Plan for Source Water Protection Improvements to Benefit Purple Martin Lake

SUMMARY:

Des Moines Water Works, West Des Moines Water Works, and Central Iowa Water Works have been engaged in discussions with the City of West Des Moines and WB Realty Co. concerning a proposed development in close proximity to Purple Martin Lake, which will serve as a future water source for the McMullen Water Treatment Plant.



VICINITY MAP
SCALE: 1" = 1,000'

WB Realty has purchased property and proposed constructing a speculative (“spec”) warehouse near Purple Martin Lake, a potential future water source for the McMullen Water Treatment Plant. Over the past year, CIWW, DMWW, and WDMWW—with support from Nyemaster Law Firm—have worked with the developer to understand his concerns about the impacts of source water protection measures on the property he owns. He has claimed that when he acquired the site, he was not informed that Purple Martin Lake is planned for future use as a water supply. The lake does not yet have a water supply permit.

Throughout this process, we have sought to identify source water protection measures that would safeguard the future supply while also acknowledging the developer’s interests. However, because the eventual tenant and operational activities remain unknown, the potential risk of contamination is still substantial. Despite continued discussions, the parties have not been able to reach a satisfactory resolution.

CIWW, DMWW, and WDMWW have requested that the developer voluntarily adopt certain source water protection measures that are not required by law or regulation but would significantly help safeguard our water supply. The developer has conceded to a pared down version of what we have requested but we are at a standstill on one remaining item:

Must provide for approval by CIWW and City of West Des Moines and install, at owner cost, a permanent countermeasure(s), designed by a licensed engineer, that can control release of stormwater from the site in the case of fire and/or spill preventing drainage to Purple Martin Lake. This will require an amendment of the existing stormwater management plan.

Central Iowa Water Works is conducting a source water protection study to identify potential contamination risks at Purple Martin Lake and nearby water bodies and to develop an action plan to address those threats. This study will help reduce risk to public health, avoid costly water treatment, and ensure a sustainable supply of clean water for the future. We intend to use this study to educate decision-makers on what types of uses are suitable within close proximity of our source and production assets and to avoid this type of disagreement with future developments. The study started as a discussion between West Des Moines Water Works and the City of West Des Moines before the operational commencement of CIWW, as such, WDMWW has led the project and the communication with the city.

To mitigate the risk to our planned water supply source, CIWW is requesting a reallocation of \$200,000 to establish a budget for source water protection measures at Purple Martin Lake.

FINANCIAL IMPACT:

This is a reallocation request within the 2026 Capital Improvements Plan. No new funds are being requested.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

The Technical Committee unanimously voted to recommend this request to the Board of Trustees for approval at the December meeting.

Reallocate \$200,000 within the 2026 Capital Improvements Plan for source water protection improvements to benefit Purple Martin Lake.

Prepared by: 

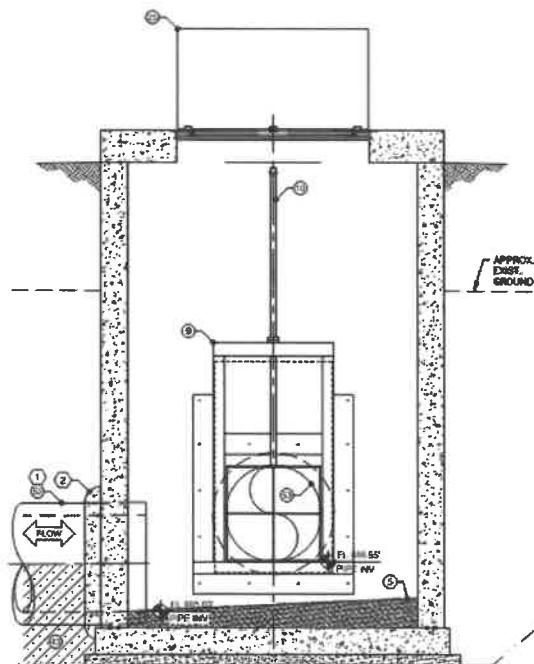
Preliminary information regarding a permanent countermeasure is outlined below:

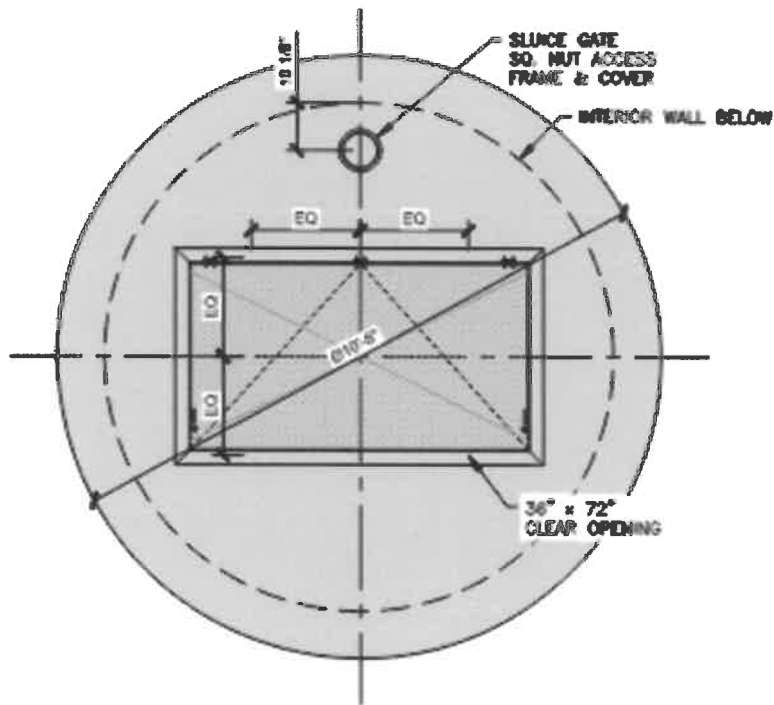
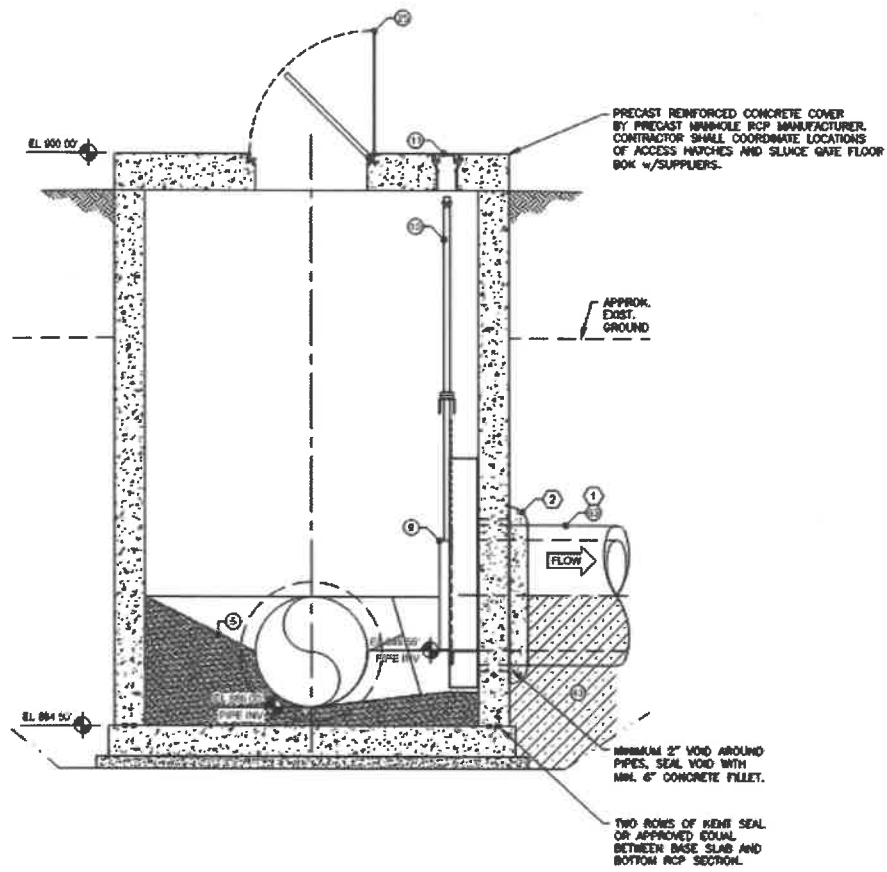
This sluice gate option allows for minimal leakage in accordance with AWWA C561. The attached materials illustrate the typical structural detailing used for installations incorporating a sluice gate. Screenshots of a round manhole configuration with a sluice gate are also included; however, a box structure is recommended to facilitate easier mounting.

Please note that a 36-inch RCP will require a sluice gate closer to 48 inches in width to ensure that the frame bolts can be properly embedded in sound structural concrete. Leakage rates vary based on gate size and the level of submergence. The maximum allowable leakage is 0.10 gpm per foot of gate perimeter, although manufacturers commonly achieve rates in the range of 0.02–0.05 gpm per foot. Typical sluice gate manufacturers include Whipps, Fontaine, and Golden Harvest.

Another option is a knife valve design, which will also allow slight leakage but is capable of closing even when solids or debris accumulate in the seat or channel. An additional consideration with this option is the need to transition from RCP to DIP or PVC pipe, or alternatively to install DIP for the entire pipeline run, which would be more costly. If further evaluation is desired to develop a more accurate cost estimate for using DIP along the full alignment, the team can proceed accordingly.

The estimated cost of the sluice gate, knife valve, or gate valve is approximately \$75,000, with an additional \$25,000 required for the box structure. Accordingly, the total estimated cost for implementing this option for a single pond is approximately \$100,000.





MANHOLE COVER PLAN



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: Items 5A and 5B

SUBJECT: 5A. Public Hearing – License Agreement for the Right to Farm Real Estate Owned by Central Iowa Water Works.

5B. Resolution – License Agreements for the Right to Farm Real Estate Owned by Central Iowa Water Works.

SUMMARY:

Central Iowa Water Works (CIWW) owns real estate surrounding Maffitt Reservoir, which is managed by Des Moines Water Works (DMWW) on CIWW's behalf. Portions of the property are used for agricultural purposes where such use aligns with watershed protection objectives.

Two Limited and Non-Exclusive License Agreements are proposed:

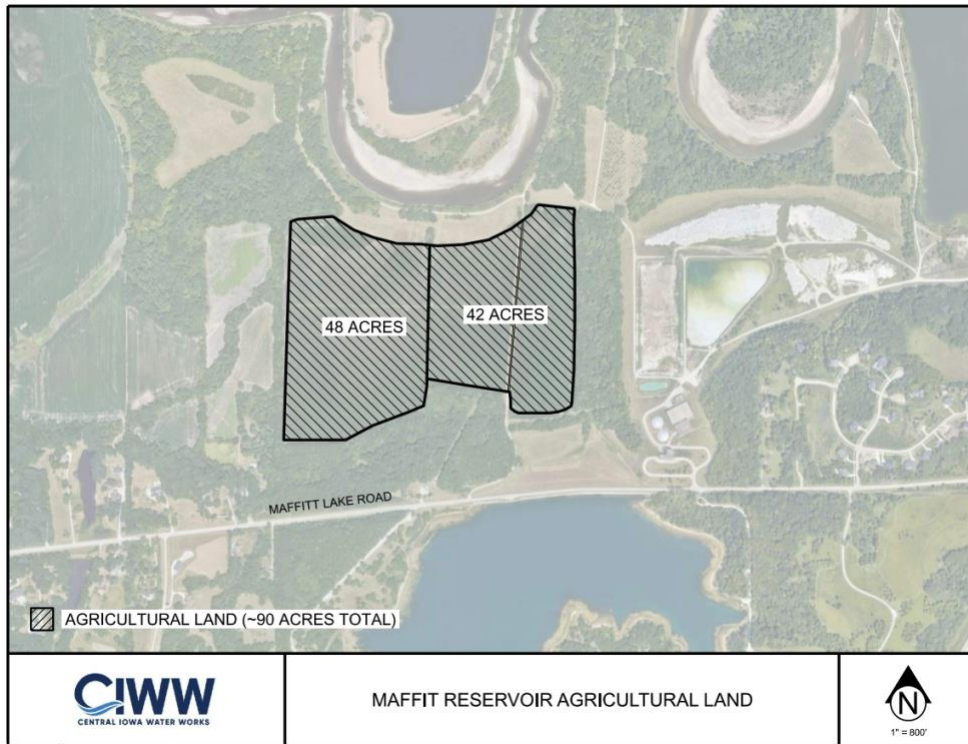
- Right to Farm Row Crop Agricultural Land
- Right to Harvest Grass Hay

Both agreements involve Vernon and Kelly Flinn, who have leased and managed the agricultural land since 2013 and have implemented conservation practices including cover crops and prairie strips.

Row Crop Agricultural Land

Approximately 90 acres of land remain in row crop production with integrated conservation practices, including cover crops and prairie strips. Over time, approximately 70 acres have been removed from crop production to reduce agricultural runoff into Maffitt Reservoir.

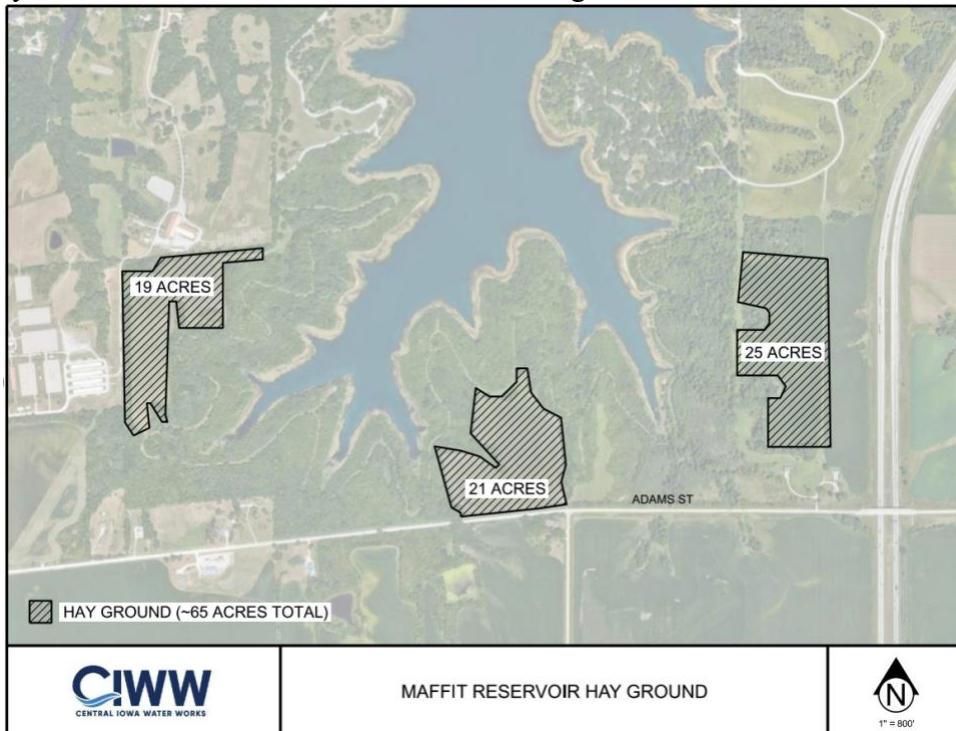
The proposed license agreement would continue row crop production for the 2026, 2027, and 2028 crop seasons, terminating no later than March 1, 2029, at a rate of \$285 per acre. The annual cash rent totals \$25,650, less the cost of agreed-upon conservation practices. Comparable 2025 cash rental rates averaged \$286 per acre in Dallas County and \$271 per acre statewide.



Grass Hay Ground

Approximately 50 acres of grassland south of Maffitt Reservoir are licensed for the harvesting of grass hay. Harvesting is limited to two cuttings per year at a rate of \$147 per acre, resulting in an annual cash rent of \$7,350.

In 2023, an additional 10 acres were converted from row crop production to hay ground due to the field’s proximity to the reservoir and to reduce the risk of agricultural runoff into the water source.



The proposed hay ground license agreement covers the 2026, 2027, and 2028 seasons, terminating no later than December 31, 2028.

For comparison, 2025 average rental rates for hay ground were \$89 per acre in Dallas County and \$150 per acre statewide.

Agreement and Payment Terms

Row crop agricultural land payments consist of 40 percent due on or before May 1 of each crop year, with the remaining balance due on or before December 15, less conservation practice costs. Hay ground payments consist of 50 percent due on or before May 1, with the remaining balance due on or before August 1 of each crop year. Payments will be made to DMWW as property manager and netted against production-related operational expenses billed to CIWW.

FINANCIAL IMPACT:

The annual cash rent payments total \$25,650 for row crop agricultural land, less applicable conservation practice costs, and \$7,350 for hay ground. Payments will be made to Des Moines Water Works as property manager and netted against DMWW's production-related operational expenses billed to Central Iowa Water Works.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Hold Public Hearing and Approve Resolution - License Agreements for the Right to Farm Real Estate Owned by Central Iowa Water Works.

Prepared by: Ami Madsen

RESOLUTION HOLDING PUBLIC HEARING OF THE CENTRAL IOWA WATER WORKS TO CONSIDER GRANT OF TWO LICENSE AGREEMENTS FOR THE RIGHT TO FARM REAL ESTATE OWNED BY CENTRAL IOWA WATER WORKS

WHEREAS, Vernon Flinn and Kelly Flinn have requested the Central Iowa Water Works (“CIWW”) consider the conveyance of two licenses to Vernon Flinn and Kelly Flinn, one of which is agricultural land to be used for crop farming purposes for the 2026, 2027, and 2028 crop seasons at a rental rate of \$285 per acre, resulting in an annual cash rent of \$25,650, minus the cost of agreed-upon conservation practices, and one for the purpose of harvesting grass hay for the 2026, 2027, and 2028 seasons, at a rental rate of \$147 per acre, resulting in an annual cash rent of \$7,350; and

WHEREAS, the license to be conveyed for crop farming purposes covers the following described real estate:

The Northeast Quarter (NE 1/4) of Section Thirty-Six (36), Township Seventy-Eight (78) North, Range Twenty-Six (26) West of the 5th Principal Meridian, Dallas County, Iowa, containing approximately 158.50 acres, more or less, subject to existing easements and restrictions of record; and

WHEREAS, the license to be conveyed for harvesting grass hay purposes covers the following real estate:

19 acres of Parcel Number 020010140010000, Madison County, 21 acres of Parcel Number 020010128000000, Madison County, and 25 acres of 6-77-25 NE NW EX PCL A & EX HWY, 6-77-25 NW NW, 6-77-25 SW NW, 6-77-25 SE NW EX PCLA & EX HWY, Warren County; and

WHEREAS, CIWW staff have reviewed the request and recommend approval of both licenses; and

WHEREAS, notice of a public hearing of the proposed license for crop farming purposes was timely published in accordance with Iowa law, and no hearing nor published notice is required for the proposed license for harvesting grass hay purposes; and

WHEREAS, in accordance with CIWW direction, those interested in said proposal, both for and against, have been given an opportunity to be heard with respect thereto and have presented their views to CIWW.

NOW THEREFORE, BE IT RESOLVED, by CIWW as follows:

1. Upon due consideration of the facts and statements of interested persons, any and all objections to said proposal are hereby overruled and the hearing is closed.
2. The proposed conveyance of two licenses to Vernon Flinn and Kelly Flinn, one of which

is agricultural land to be used for crop farming purposes for the 2026, 2027, and 2028 crop seasons at a rental rate of \$285 per acre, resulting in an annual cash rent of \$25,650, minus the cost of agreed-upon conservation practices, and one for the purpose of harvesting grass hay for the 2026, 2027, and 2028 seasons, at a rental rate of \$147 per acre, resulting in an annual cash rent of \$7,350, are both hereby approved.

3. The Board Chair and Board Secretary are hereby authorized to sign the License Agreements on behalf of CIWW.
4. All proceeds associated with this license shall be directed to Des Moines Water Works, 2201 George Flagg Pkwy., Des Moines, IA 50321.

PASSED AND APPROVED this 25th day of March 2026.

Jody E. Smith, Board Chair

Attest:

Diane Munns, Board Secretary

LIMITED AND NON-EXCLUSIVE LICENSE AGREEMENT
FOR THE RIGHT TO FARM
DES MOINES WATER WORKS AGRICULTURAL LAND
(“License” or “Agreement”)

PARTIES: The parties of this Agreement are the Central Iowa Water Works Board of Trustees (herein “CIWW”), Board of Water Works Trustees of the City of Des Moines, Iowa (herein “DMWW”), and _____ [NAME OF LICENSEE] (herein “Licensee”).

RECITALS: CIWW owns and DMWW manages real estate including the Agricultural Land (as that term is defined herein). The Agricultural Land, together with other real estate so managed and controlled by DMWW, is used for Water Works purposes. DMWW has determined that the Agricultural Land may be used for certain farming purposes. DMWW has agreed to permit Licensee to use the Agricultural Land for crop farming purposes, all upon the terms and conditions hereinafter set forth.

TERMS: 1. DMWW grants to Licensee the limited and non-exclusive permission to come upon the Agricultural Land, consisting of the farm lands north of the dam of the Dale L. Maffitt Reservoir, as shown on Exhibit “A” (herein “Agricultural Land”) hereto attached, for the purpose of preparing the ground, planting of such crops as may from time to time be agreed upon by the parties, cultivating and caring for such crops, and harvesting them in proper season, for the crop years 2026, 2027, and 2028. Such license and permission shall terminate upon completion of harvesting of the year 2028 crop, and in no event later than March 1, 2029.

2. Licensee agrees to pay to DMWW, at its offices located at 2201 George Flagg Parkway, Des Moines, Polk County, Iowa, annual cash rent in the amount of \$285.00 per acre on 90 acres equal to a cash rent of \$25,650 for the 2026, 2027, and 2028 crop years, forty percent of the yearly rent payable on or before May 1, 2026, and the balance payable on or before December

15, 2026 and like amounts on or before the same dates in each subsequent crop year while this agreement remains in effect. A reduction in the per acre price will be allowed to cover substantiated out-of-pocket costs associated with growing cover crops used in the conservation practices required in the lease terms as stated in section five.

3. Licensee shall comply, and shall assure that all suppliers, vendors, contractors, and employees comply, with all applicable laws, ordinances, rules and regulations. Without limiting the generality of the foregoing, Licensee shall comply with applicable safety, and health regulations and rules. Licensee will furnish DMWW'S representative with evidence of their compliance with the foregoing upon request.

4. Licensee covenants to farm the Agricultural Land in a good and husbandlike manner, and consistent therewith, to get the best crop production that the nature of the soil and the season permit, always, however, in such a manner as to not interfere with the use of the Agricultural Land for Water Works purposes, as determined by DMWW in its sole discretion, and as DMWW shall from time to time through its agents and officers direct. A crop rotation plan, subject to review and approval of DMWW, shall be followed. Licensee hereby acknowledges that it is taking the Agricultural Property in its current as-is condition, without any representation or warranty with regards to the same, and hereby further agrees to maintain the same in a safe, serviceable, clean and presentable condition.

5. Conservation practices, including cover crops, are required of Licensee, and Licensee implement the same to reduce agriculture runoff. Cover crops shall be seeded and established in early fall to provide winter protection and reduce soil erosion. Licensee will establish cover crops of appropriate species specifically for the crops grown in the designated fields. Tenant shall provide a list of cover crops species, method of seeding, and a substantiation

of out-of-pocket costs to DMWW to approve in writing before planting each year. Crop residue shall remain in place after harvest. No fall tillage shall occur on farm fields. Licensee will practice contour farming when applicable.

6. No fertilizer, limes, or chemicals shall be distributed or applied to such land by Licensee, unless authorized and approved in writing by DMWW. Licensee will give DMWW a list of chemicals to be used, application method, timing of the application, and their application rate per acre, reasonably in advance of any application, which again are subject to DMWW approval, in its sole discretion. Licensee hereby agrees to avoid any drifting of any chemical applications that may harm nearby vegetation and agrees to be liable and responsible for any damage that occurs related to the same. DMWW shall retain the right to access, use, and conduct activities on the Agricultural Land without notice or the consent of Licensee.

7. The entire cost of the farming operation shall be borne by Licensee.

8. Licensee covenants that he/she/it now has, or has access to, adequate machinery and equipment to farm the premises as herein required.

9. The land may not be used for cattle grazing or any other livestock operation.

10. Licensee agrees to indemnify and save harmless DMWW, its board members, its officers, agents, attorneys and employees (collectively "Indemnities") from any and all loss, claims and demands whatsoever that may be made or asserted against the Indemnities arising out of or in any way connected with the granting of this License or the exercise of rights under this License. Without limiting the generality of the foregoing, Licensee shall indemnify the Indemnities against all liability or loss to DMWW property and against all claims asserted in tort or in contract or under workers compensation laws or otherwise.

LICENSEE HEREBY AGREES TO BE FULLY RESPONSIBLE FOR THE SAFETY AND SECURITY OF ALL AGENTS, EMPLOYEES OR INVITEES OF LICENSEE AND ANY

AND ALL PROPERTY OF LICENSEE. NOTWITHSTANDING ANY OTHER PROVISION CONTAINED HEREIN, LICENSEE HEREBY RELEASES DMWW FROM ANY AND ALL LIABILITY, RESPONSIBILITY, AND DAMAGE TO LICENSEE (OR ANY OF ITS AGENTS, EMPLOYEES OR INVITEES) OR LICENSEE'S PROPERTY.

11. Under no circumstances shall this Agreement be construed as one of agency, sponsorship, joint venture, or employment between DMWW and Licensee. None of the personnel under contract to or employed by Licensee shall be deemed to be employed by, or in any way to have any contractual relationship with DMWW whatsoever.

12. Licensee shall have and maintain broad form liability insurance coverage, including motor vehicle coverage, with limits of not less than \$1,000,000 per person and \$2,000,000 per occurrence in which DMWW is named as additional insured with such insurance insuring against all personal injury and property damage claims to and against DMWW. Licensee shall hold DMWW harmless and waive all rights of subrogation against DMWW for damage to Licensee's property. All insurance policies required under this contract or providing coverage for indemnity under this contract shall include a waiver of subrogation in favor of DMWW. DMWW shall receive notice of any cancellation or material change in coverage at least 30 days prior to such cancellation or change shall become effective. Licensee shall provide certificates of insurance written by companies which hold an AM Best A-VII rating or higher and are licensed to do business in the state of Iowa. Each certificate of insurance shall state that thirty (30) days written notice will be given to the Licensor before the policy is cancelled or changed. Additionally, Licensee shall provide any additional insurance coverages (in reasonable amounts) as reasonably requested by Licensor.

13. DMWW shall have and retain a lien against the crop, equipment, machinery and other personal property kept or used upon the premises, as security for the payment of rent as herein required.

14. The license and permission herein granted may be terminated in the same manner as if this were an agricultural lease within the meaning of that term as used in the Code of Iowa. In addition, it may be terminated by DMWW upon Licensee's failure to comply with the covenants herein assumed by Licensee and may likewise be so terminated by DMWW should DMWW, in its judgment reasonably arrived at, determine that the continued use of the Agricultural Land for farming purposes is inconsistent with Water Works purposes, needs or desires. In that event only, DMWW shall reimburse Licensee for costs of such seed, labor, fertilizer and machinery use that might have been expended for planting of crop, which could not then be harvested.

15. In the event of major flooding of the portion of the Agricultural Land in Exhibit "A" due only to the overflow of the Raccoon River, and the flooded land is deemed unfarmable for the balance of the crop year by DMWW, the cash rent provided in Section 2 shall be reduced. Such reduction will be determined by multiplying the number of unfarmable acres by the amount bid per acre, as determined by DMWW in its reasonable discretion.

16. DEFAULT, NOTICE OF DEFAULT AND REMEDIES. Each of the following shall constitute an event of default by Licensee: (1) failure to pay rent/fees when due; (2) failure to observe or perform any duties, obligations, agreements, or conditions imposed on Licensee pursuant to the terms of this License; (3) abandonment of the Agricultural Property; or (4) bankruptcy of Licensee. Licensors shall give Licensee a written notice specifying the default and giving the Licensee thirty (30) days in which to correct the default ("Notice of Default").

In the event Licensee has not remedied a default in a timely manner following a Notice of Default, Licensors may proceed with all available remedies at law or in equity, including but not limited to the following: (1) Termination. Licensors may declare this License to be terminated and

shall give Licensee a written notice of such termination. In the event of termination of this License, Licensor shall be entitled to prove a claim for and obtain judgment against Licensee for the balance of the fees agreed to be paid for the term herein provided, plus all expenses of Licensor in regaining possession of the Agricultural Property, including attorney's fees and court costs; (2) Forfeiture. If a default is not remedied in a timely manner, Licensor may then declare this License to be forfeited and shall give Licensee a written notice of such forfeiture, and may, at the time, give Licensee the notice to quit provided for in Chapter 648 of the Code of Iowa.

17. Assignment and Subletting. Licensee shall not assign this License without permission from DMWW.

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

19. Entire Agreement. This License supersedes all agreements previously made between the parties relating to its subject matter. There are no other understandings or agreements between them.

20. Notices. All notices or other documents under this License shall be in writing and delivered personally or mailed by certified mail, postage prepaid, addressed to the parties at their last known addresses, or by any electronic means, including email.

21. Governing Law. This License shall be construed in accordance with and governed by the laws of the State of Iowa.

22. Counterparts. This License may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall construe one and the same instrument.

IN WITNESS WHEREOF the undersigned parties have executed this License on the date specified above.

DATED this _____ day of _____, 2026

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

LICENSEE
[Kelly Flinn]

By: _____
Alec Davis , Board Chairperson

By: _____
Name: _____
Title: _____

Attest: _____
Amy Kahler, CPA
CEO and General Manager

Address: _____

Telephone: _____

**CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES**

By: _____
Jody E. Smith, Board Chairperson

Diane Munns, Secretary

LIMITED AND NON-EXCLUSIVE LICENSE AGREEMENT
FOR THE RIGHT TO FARM
DES MOINES WATER WORKS AGRICULTURAL LAND
(“License” or “Agreement”)

PARTIES: The parties of this Agreement are the Central Iowa Water Works Board of Trustees (herein “CIWW”), Board of Water Works Trustees of the City of Des Moines, Iowa (herein “DMWW”), and _____ [NAME OF LICENSEE] (herein “Licensee”).

RECITALS: CIWW owns and DMWW manages real estate including grassland surrounding Maffitt Reservoir. The grassland, together with other real estate so managed and controlled by DMWW, is used for Water Works purposes. DMWW has determined that the grassland may be used for purposes of harvesting grass by a twice-yearly cutting. DMWW has agreed to permit Licensee to use the grassland for the harvesting of grass hay, all upon the terms and conditions herinafter set forth.

TERMS: 1. DMWW grants to Licensee the limited and non-exclusive permission to come upon the land, consisting of the grassland south of the dam of the Dale L. Maffitt Reservoir, as shown on Exhibit “A” (herein “Maffitt Hay Ground”) hereto attached, for the purpose of harvesting grass hay as agreed upon by the parties, and harvesting it twice each year in proper season, for the crop years of 2026, 2027 and 2028. Such license and permission shall terminate upon completion of harvesting of the year 2028 hay, and in no event later than December 31, 2028, without notice.

2. Licensee agrees to pay to DMWW, at its offices located at 2201 George Flagg Parkway, Des Moines, Polk County, Iowa, annual cash rent for \$147.00 per acre for 50 acres equal to an annual cash rent of \$7,350, payable one-half on May 1, 2026 and one-half on August 1, 2026 and like amounts on or before the same dates in each subsequent crop year while this agreement remains in effect. Grass hay harvesting will be limited to a twice yearly cutting, and no cutting shall occur at any time when an installment of the fee is due, but not yet paid.

3. Licensee shall comply, and shall assure that all suppliers, vendors, contractors, and employees comply, with all applicable laws, ordinances, rules and regulations. Without limiting the generality of the foregoing, Licensee shall comply with applicable safety, and health regulations and rules. Licensee will furnish DMWW'S representative with evidence of their compliance with the foregoing upon request.

4. Licensee covenants to harvest the hay in a good and proper manner, always, however, in such a manner as to not interfere with the use of the Maffitt Hay Ground for Water Works purposes, as determined by DMWW in its sole discretion, and as DMWW shall from time to time through its agents and officers direct. Licensee hereby acknowledges that it is taking the Maffitt Hay Ground in its current as-is condition, without any representation or warranty with regards to the same, and hereby further agrees to maintain the same in a safe, serviceable, clean and presentable condition.

5. No seeding, cultivation, or application of fertilizer, limes, or chemicals shall be conducted, or applied to, such land by Licensee, unless authorized and approved in writing by DMWW. Licensee will give DMWW a list of chemicals to be used, application method, timing of the application, and their application rate per acre, reasonably in advance of any application, which again are subject to DMWW approval, in its sole discretion. Licensee hereby agrees to avoid any drifting of any chemical applications that may harm nearby vegetation and agrees to be liable and responsible for any damage that occurs related to the same. DMWW shall retain the right to access, use, and conduct activities on the Maffitt Hay Ground at its own expense without notice or the consent of Licensee.

6. The entire cost of the harvesting operation shall be borne by Licensee.

7. Licensee covenants that he/she/it now has, or has access to, adequate machinery and equipment to harvest grass hay as herein required.

8. The land may not be used for cattle grazing or any other livestock operation.

9. Licensee agrees to indemnify and save harmless DMWW, its board members, its officers, agents, attorneys and employees (collectively “Indemnities”) from any and all loss, claims and demands whatsoever that may be made or asserted against the Indemnities arising out of or in any way connected with the granting of this License or the exercise of rights under this License. Without limiting the generality of the foregoing, Licensee shall indemnify the Indemnities against all liability or loss to DMWW property and against all claims asserted in tort or in contract or under workers compensation laws or otherwise.

LICENSEE HEREBY AGREES TO BE FULLY RESPONSIBLE FOR THE SAFETY AND SECURITY OF ALL AGENTS, EMPLOYEES OR INVITEES OF LICENSEE AND ANY AND ALL PROPERTY OF LICENSEE. NOTWITHSTANDING ANY OTHER PROVISION CONTAINED HEREIN, LICENSEE HEREBY RELEASES DMWW FROM ANY AND ALL LIABILITY, RESPONSIBILITY, AND DAMAGE TO LICENSEE (OR ANY OF ITS AGENTS, EMPLOYEES OR INVITEES) OR LICENSEE’S PROPERTY.

10. Under no circumstances shall this Agreement be construed as one of agency, sponsorship, joint venture, or employment between DMWW and Licensee. None of the personnel under contract to or employed by Licensee shall be deemed to be employed by, or in any way to have any contractual relationship with DMWW whatsoever.

11. Licensee shall have and maintain broad form liability insurance coverage, including motor vehicle coverage, with limits of not less than \$1,000,000 per person and \$2,000,000 per occurrence in which DMWW is named as additional insured with such insurance insuring against all personal injury and property damage claims to and against DMWW. Licensee shall hold DMWW harmless and waive all rights of subrogation against DMWW for damage to Licensee’s property. All insurance policies required under this contract or providing coverage for indemnity under this contract shall include a waiver of subrogation in favor of DMWW. DMWW shall receive notice of any cancellation or material change in coverage at least 30 days prior to such cancellation or change shall become effective. Licensee shall provide certificates of insurance written by companies which

hold an AM Best A-VII rating or higher and are licensed to do business in the state of Iowa. Each certificate of insurance shall state that thirty (30) days written notice will be given to the Licensor before the policy is cancelled or changed. Additionally, Licensee shall provide any additional insurance coverages (in reasonable amounts) as reasonably requested by Licensor.

12. DMWW shall have and retain a lien against the crop, equipment, machinery, and other personal property kept or used upon the premises, as security for the payment of rent as herein required.

13. The license and permission herein granted may be terminated in the same manner as if this were an agricultural lease within the meaning of that term as used in the Code of Iowa. In addition, it may be terminated by DMWW upon Licensee's failure to comply with the covenants herein assumed by Licensee and may likewise be so terminated by DMWW should DMWW, in its judgment reasonably arrived at, determine that the continued use of the property for grass hay harvesting purposes is inconsistent with Water Works purposes, needs or desires.

14. DEFAULT, NOTICE OF DEFAULT AND REMEDIES. Each of the following shall constitute an event of default by Licensee: (1) failure to pay rent/fees when due; (2) failure to observe or perform any duties, obligations, agreements, or conditions imposed on Licensee pursuant to the terms of this License; (3) abandonment of the Maffitt Hay Ground; or (4) bankruptcy of Licensee. Licensor shall give Licensee a written notice specifying the default and giving the Licensee thirty (30) days in which to correct the default ("Notice of Default").

In the event Licensee has not remedied a default in a timely manner following a Notice of Default, Licensor may proceed with all available remedies at law or in equity, including but not limited to the following: (1) Termination. Licensor may declare this License to be terminated and shall give Licensee a written notice of such termination. In the event of termination of this License, Licensor shall be entitled to prove a claim for and obtain judgment against Licensee for the balance of the fees agreed

to be paid for the term herein provided, plus all expenses of Licensor in regaining possession of the Maffitt Hay Ground, including attorney's fees and court costs; (2) Forfeiture. If a default is not remedied in a timely manner, Licensor may then declare this License to be forfeited and shall give Licensee a written notice of such forfeiture, and may, at the time, give Licensee the notice to quit provided for in Chapter 648 of the Code of Iowa.

15. Assignment and Subletting. Licensee shall not assign this License without permission from DMWW.

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

17. Entire Agreement. This License supersedes all agreements previously made between the parties relating to its subject matter. There are no other understandings or agreements between them.

18. Notices. All notices or other documents under this License shall be in writing and delivered personally or mailed by certified mail, postage prepaid, addressed to the parties at their last known addresses, or by any electronic means, including email.

19. Governing Law. This License shall be construed in accordance with and governed by the laws of the State of Iowa.

20. Counterparts. This License may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall construe one and the same instrument.

IN WITNESS WHEREOF the undersigned parties have executed this License on the date specified above.

DATED this _____ day of _____ 2026

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

**LICENSEE
[Kelly Flinn]**

By: _____
Alec Davis, Board Chairperson

By: _____
Name: _____
Title: _____

Attest: _____
Amy Kahler, CPA
CEO and General Manager

Address: _____

Telephone: _____

**CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES**

By: _____
Jody E. Smith, Board Chairperson

Diane Munns, Secretary



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 6A – E

SUBJECT: Items 6A – E

- 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

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 E.

Prepared by: Ami Madsen

Minutes

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

Item 1: Vice Chair John Edwards called the meeting to order at 3:00p.m.

Item 2: Roll Call

Trustees in Attendance

Mike Schrock, Ankeny
John Edwards, Clive
Diane Munns, Des Moines Water Works (entered at 3:01p.m.)
Tom Cope, Johnston
Eric Johansen, 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*
Dan Lovett, Xenia* (entered at 3:05 p.m.)

Others in Attendance

Pete De Kock, Clive
Amy Kahler, Des Moines Water Works
Chelsea Huisman, Polk City
Neil Weiss, Urbandale Water Utility,
Royce Hammitt, Xenia
Tami Madsen, Central Iowa Water Works

Dustin Delvaux, Central Iowa Water Works
Shawn Gaddie, AE2S
Dustin Schultz, AE2S
Suzie Carpenter, Black & Veatch
Jim Winger, Black & Veatch
Karen Marie, Black & Veatch
Matt Stoffel, PFM
Eric Bohnenkamp, Peoples Company
Christina Murphy, West Des Moines Water Works
Lyle Hammes, West Des Moines Water Works
Neal Westin, Nyemaster Goode, P.C.
Kyle Danley, Des Moines Water Works*
Jamie Buelt, En Q Strategies
Lisa Wieland, Nyemaster Goode, P.C.
Ryan Currell, Wixted
Quinn Kendrick, Peoples Company*
Andy Fish, Warren Water District*
Caitlin Caldwell, Des Moines Water Works*
Lindsey Wanderscheid, Des Moines Water Works*
Matthew Jacob, Urbandale Water Utility*

*Attended remotely

Item 3: Approving Agenda, as presented or amended.

Courtney Clarke moved to approve the agenda as amended, removing Item 7A; seconded by Tom Cope. The motion was adopted by unanimous voice vote.

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

There were no public comments.

Item 5: Public Hearings and Related Actions

- A. Public Hearing – Intent to Commence a Public Improvement Project to Construct the West Water Treatment Plant Project and to Authorize Acquisition of the Necessary Property Interests, Including Agricultural Land, for the Project by Gift, Negotiation, or Eminent Domain

There were no comments from the public. Tom Cope moved to close the public hearing, seconded by Courtney Clarke. The motion was approved by unanimous voice vote. Vice Chair Edwards closed the public hearing.

- B. Tom Cope moved to approve a resolution – Intent to Commence a Public Improvement Project to Construct the West Water Treatment Plant Project and to Authorize Acquisition of the Necessary Property Interests, Including Agricultural Land, for the Project by Gift, Negotiation, or Eminent Domain; seconded by Nick Otis.

The motion was passed by roll call vote with all twelve member agencies in attendance: 11 voting Aye and Johansen (Grimes) voting Nay.

- C. Diane Munns moved to approve – The Form of Tax Exemption Certificate and the Loan and Disbursement Agreements be placed on File and Approved; seconded by George Meinecke.

With the CIWW 28E/28F requiring a weighted vote on this matter, a weighted vote was taken with all twelve member agencies in attendance: 12 voting Aye and 0 voting Nay.

- D. Tom Cope moved to approve a resolution – Approving and Authorizing the Form of Loan and Disbursement Agreements by and Between Central Iowa Water Works and the Iowa Finance Authority, and Authorizing and Providing for the Issuance and Securing the Payment of \$6,380,000 Water Revenue Capital Loan Notes, Series 2026A (E1-2)(Hickman Feeder Main), of Central Iowa Water Works, Iowa, Under the Provisions of the Code of Iowa, and Providing for a Method of Payment of Said Notes; seconded by Courtney Clarke.

With the CIWW 28E/28F requiring a weighted vote on this matter, a weighted vote was taken with all twelve member agencies in attendance: 12 voting Aye and 0 voting Nay.

- E. Mike Schrock moved to approve a resolution – Declaring an Official Intent Under Treasury Regulation 1.150-2 to Issue Debt to Reimburse Central Iowa Water Works for Certain Original Expenditures Paid in Connection with Specified Projects; seconded by Nick Otis.

With the CIWW 28E/28F requiring a weighted vote on this matter, a weighted vote was taken with all twelve member agencies in attendance: 12 voting Aye and 0 voting Nay.

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)

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

- A. Motion – Approve the Minutes from January 28, 2026, CIWW Board Meeting as published, subject to correction, as recommended by the Board Clerk
- B. Motion – Receive and File Final Minutes from January 14, 2026, Technical Committee Meeting
- C. Motion – Receive Draft Minutes from February 11, 2026, Technical Committee Meeting
- D. Motion – Receive and File Final Minutes from January 19, 2026, Executive Committee Meeting
- E. Motion – Receive and File January Financial Summary and Approve January Expenditures
- F. Motion – Receive and File CIWW January 2026 Revenue and Usage Summary

Item 7: Board Action Items

- A. George Meinecke moved to approve a Not to Exceed Amount of \$74,750.00 with Northway Well and Pump Co. for a Test Well and Pump Testing for the New Alluvial

Wells for AC Ward Treatment Plant; seconded by Courtney Clarke. The motion was approved by unanimous voice vote.

Item 8: Information Items

A. Executive Director Comments

1. After-Action Review Update and Schedule

Tami Madsen advised the Board of Trustees of a draft red-lined Water Shortage Plan incorporating considerations provided by various groups, distributed to the CIWW Board of Trustees, Alternates, City Administrators, and CIWW Technical Committee members for feedback.

CIWW met with Emergency Management, the Governance Working Group, and Legal Counsel over the past month.

An updated draft will be presented to the Board in March with final approval in April.

2. Legislative Update

The first funnel of the legislative session was on February 20, 2026. CIWW's legislative support is monitoring potential bills important to CIWW and having conversations that align with CIWW's legislative priorities.

3. Capacity Allocation Update

Tami Madsen advised that the Capacity Allocation Small Group met and provided a recommendation on how the capacity should be allocated.

Members of the Board requested further discussion at a future board meeting, a workshop, or both.

Tami Madsen mentioned that the comment period for the Impaired Waters List is now open.

B. Contract Operator Updates

Christina Murphy reported that West Des Moines Water Works has no issues or concerns at this time.

Amy Kahler informed the Board that the nitrate removal facility has been in operation since January 6, 2026. Although nitrate levels have been below 10 mg/L in all three water sources for the last several days, nitrate levels upstream are beginning to rise again. DMWW is running three nitrate vessels and will continue to run them due to the potential increase.

C. Board Committee Reports

1. Executive Committee

Chair Smith informed the board that the Executive Committee will review the draft bylaw changes at the next meeting and plan on presenting it to the board in March. Expectations set the board to finalize the changes at the April Board meeting.

2. Technical Committee

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

3. Finance and Audit Committee

No updated to report.

4. Water Usage Best Practices Committee

Diane Munns provided an update on the peak demand management presentation made by Derek Gardels of Aqualytics. She also provided a recommendation on behalf of the committee to rename stage one of the water shortage plan to Stage One: Water Watch and utilize this stage to implement an annual water education campaign to encourage wise water use among the CIWW service territory.

5. Long-Range Planning Committee

No updated to report.

Item 9: Other Business

No other business.

Adjournment

Vice Chair Edwards adjourned the meeting at 3:32p.m.

Upcoming CIWW Activities			
<u>Meeting</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Technical Committee	March 11, 2026	1:00 p.m.	DMWW Board Room
Executive Committee	March 19, 2026	12:00 p.m.	Central Iowa Water Works
Finance & Audit Committee	March 19, 2026	8:00 a.m.	Central Iowa Water Works
Board of Trustees	March 25, 2026	3:00 p.m.	3 Fountains Edgewater Building, Suite 134

Minutes

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

ITEM 1: Call to Order

Chair Kyle Danley called the meeting to order at 1:01p.m.

ITEM 2: Introductions

Present: Don Clark (Ankeny), Jeff May (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston), Wayne Schwartz (Norwalk), Neil Weiss (UWU), Andy Fish (WWD), Rudy Koester (Waukee), Christina Murphy (WDMWW), Royce Hammit (Xenia), Shawn Buckner (Ankeny), Lindsey Wanderscheid (DMWW), Matthew Jacob (UWU), Tim Royer (Waukee), Lyle Hammes (WDMWW), Amy Kahler (DMWW)(entered at 2:02p.m.), Daria Dilparic (WDMWW), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Melissa Walker (DMWW),Dustin Schultz* (AE2S),Shawn Gaddie* (AE2S), Darrin Hager (HNTB), Jenny Ruddy (Strand), Noah Streeter (Strand)

*attended remotely

ITEM 3: Approve Minutes for January 14, 2026 – Approval

The committee approved minutes for January 14, 2026, Technical Committee meeting by unanimous voice vote.

ITEM 4: Closed Session

Chair Danley stated the purpose of the closed session is 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 Section 21.5(1)(j).

Wayne Schwartz moved to enter into closed session; seconded by Christina Murphy. A roll call

vote was taken with 10 Ayes, 0 Nays, 2 Absent. The motion passed.

The committee entered closed session at 1:05p.m.

By roll call vote the committee exited closed session at 1:58p.m.

Chair Danley stated no action was taken in closed session.

ITEM 5: West Plant – Update

Christina Murphy provided the Technical Committee with an update on the West Plant project. The Design Committee is working with Strand Associates to evaluate cost comparisons for the land sites and determine how to connect the plant to the core network. Initial discussions regarding the connection point to the core network have begun. Geoprobe work was completed last week, and the committee is currently awaiting the reports.

ITEM 6: Water Allocation – Update

Tami Madsen provided an update on water allocation work being conducted by the board-created working group. She reminded the committee that the scope is to present allocation methodology alternatives for the Grimes and West Plant capacity. Five alternatives were developed and presented to the working group. While outside the group's formal scope, eleven of the twelve agencies raised the importance of maintaining a 15% buffer capacity, with many expressing strong support for establishing a written policy.

ITEM 7: After-Action Review – Update

Tami Madsen had meetings with the Regional Communications Team and Legal Team on February 10 and is currently incorporating their feedback into an updated draft. She also met today with a communications consultant to develop a crisis communications plan. Her goal is to complete this round of items by Monday, February 16, 2026, in order to begin planning the next series of discussions and meetings. The current timeline anticipates presenting a completed draft to the Board of Trustees at the March meeting, with final approval scheduled for the April meeting.

ITEM 8: Schedule I-2-A and I-2-B – Approval

Tami Madsen reminded the committee, per the 28E agreement, the Technical Committee is responsible for reviewing each member agency's consumption and updating Schedules I-2-A and I-2-B.

Amy Kahler noted that DMWW production water was not removed from max day schedule in previous years. Consequently, the schedules for the past four years have been amended, and the correct amount has been provided for 2025. She emphasized that the correct max days should be applied over the five-year average and clarified that there is no intention to adjust any prior

financial calculations.

Vice-Chair Fish explained the purpose of the schedules to the committee and asked for confirmation that the committee members had reviewed the schedules and were comfortable with moving forward with approving the schedules. No concerns were raised.

Neil Weiss moved to approve schedules I-2-A and I-2-B, with the understanding that no previous financials would be revised to account for the DMWW adjustments, and to forward the recommendation to the Trustees for approval by resolution. Wayne Schwartz seconded the motion, which was approved by unanimous voice vote.

ITEM 9: Grimes Plant Expansion – Update

Tami Madsen reported that, over the past month, Black & Veatch has begun work on the Raw Water Supply Expansion Evaluation and the Raw Water Main Hydraulic Evaluation. Efforts have included preliminary data gathering, system review, and the initiation of hydraulic modeling and supply capacity assessments. She also noted that the water use permit application for three new Jordan Aquifer wells has been completed and formally submitted to the Iowa Department of Natural Resources (IDNR) for review and consideration.

An open house will be held at the Grimes Water Treatment Plant on Wednesday, February 25, 2026, after the board meeting.

ITEM 10: Saylorville Plant – Update
HDR Amendment – Roll Call Vote

Lindsey Wanderscheid informed the committee of a necessary amendment for HDR to perform the assessment, field services, and analysis for the Phase II Environmental Site Assessment, in the amount of \$177,474. Because this is an SRF project being managed by DMWW on behalf of CIWW, a roll call vote was requested by DMWW. The assessment was recommended for completion with 10 Ayes - 0 Nays - 2 Absent.

Lindsey Wanderscheid reported that design work is currently in progress. Field testing on the source side has been completed, and additional information on the well yields is expected to be available at next week's monthly meeting.

ITEM 11: Projects Updates – Discussion

- Polk City

No updates.

- Grimes

Tami Madsen provided the update based on an email from Kevin Hensley. Grimes has completed cleaning and inspection of solids contact basin number one and recarbonation basin number one and has replaced a failed solenoid on the slaker number two fill valve.

- West Des Moines Water Works

Lyle Hammes updated the committee that the 98th Street Tower Mixer project is progressing. High Service Pump 3 replacement is still undergoing testing due to an unusual vibration. Sixty percent of the design for the A.C. Ward Facility Repairs has been completed. A hazardous materials survey will be conducted by Eocene Environmental on February 20, 2026.

Daria Dilparic updated the committee that Northway will complete the alluvial wells pump test and test well. The Source Water Protection Plan team requested consultants to make edits to the draft plan, and the Source Water Protection Plan along with the Future Land Use document is expected to be available for review soon.

- Des Moines Water Works

Lindsey Wanderscheid reported the Safety Showers and Tempering project will be awarded to Waldinger in February in the amount of \$422,015, which is within budget. The Fleur Water Treatment Plant Control Room Upgrade project will be awarded to Woodruff Construction in February in the amount of \$365,583, also under budget.

The SCADA backbone improvements project is being completed in phases. The current phase involves separating the operations network from the regular network, upgrading firewalls, and installing new servers and switches at all three water treatment plants. Approval is being obtained to solicit bids, with an award anticipated in April 2026.

The lime sludge filter press, originally installed in 1997, requires replacement. The total project is estimated at approximately \$16 million, with CDM Smith responsible for design at a cost of \$1,297,900.

The Nitrate removal project team held its kickoff meeting in January, with an assessment scheduled for next week. Following the assessment, the project team will evaluate alternatives, including membrane technologies.

ITEM 12: Operations Updates – Information

- Polk City

No update.

- Grimes

No update.

- West Des Moines Water Works

Lyle Hammes advised the committee that Solids Contact Unit Number 1 is still out of operation. The repairs require a crane to lift all three walkways which is a very costly, extensive project.

Eight of last twelve months were record production for that respective month for WDMWW. WDMWW is also evaluating the type of phosphate used in treatment process.

Christina Murphy mentioned a new gate being installed.

- Des Moines Water Works

Kyle Danley informed the committee of the high Lift pump oil sling rings replacement and the pressed pump pipe failure at Fleur Drive WTP. Slush was blocking the Des Moines River intake requiring staff to go and break it up. The Crystal Lake recharge pump at Maffitt WTP was reinstalled in January. A lagoon pipe floated to surface at Saylorville WTP which will need a 2026 project to correct.

Kyle Danley provided an update on Nitrate concentrations in the source water used at the Fleur Drive Treatment plant. Nitrate concentrations on both Des Moines and Raccoon Rivers have decreased. This was the first time in several months that the Raccoon River has been lower than Des Moines. DMWW is running five vessels with potential to lower to four, but they are still anticipating the need to run nitrate removal vessels for at least a couple more weeks.

ITEM 13: CIWW Update

- Bylaws

Tami Madsen notified the committee that Chair Smith advised the Board of Trustees that there are a few items to look at in the Bylaws. He is extending the offer to the Technical Committee to suggest any changes.

Tami Madsen informed the committee that she went with Shawn Buckner to talk at the Iowa Turf Grass Association meeting and thanked Shawn for his participation.

ITEM 14: Pumpage and Revenue Summary – Information

Kyle Danley presented the pumpage summary.

ITEM 15: Other Business

Matt Greiner requested an update on whether or not the CIWW Technical Committee will provide an opportunity for alternates to attend the meeting remotely.

Tami Madsen informed the committee that CIWW is gathering more information and expects that there will be an opportunity to provide virtual links to alternates once some details are worked through.

ITEM 16: Adjourn

Don Clark moved to adjourn; Jeff May seconded. The motion was approved by voice vote. Chair Danley adjourned the meeting at 2:46p.m.

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.

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 98th 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, CO₂ feed system repairs and treatment basin rechainning 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.

Minutes

Finance and Audit Committee
Central Iowa Water Works
January 22, 2026
4601 Westown Parkway, Suite 122
West Des Moines, IA
8:00 a.m.

Item 1: Call to Order

Chair Scott Brennan called the meeting to order at 8:05 a.m.

Item 2: Roll Call

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

Dustin Delvaux, Tami Madsen, Matt Stoffel, Matt Probasco, Christina Murphy*

*attended remotely

Item 3: Approve Minutes for December 11, 2025 – Approval

John McCune moved to approve the minutes for the December 11, 2025, Finance and Audit Committee meeting; Susan Huppert seconded. The minutes were approved by unanimous voice vote.

Item 4: PFAS Resolution Update

Tami Madsen recommended tabling the PFAS resolution until additional information is received from the state regarding how the funds can be utilized.

Tom Cope moved to table the PFAS resolution agenda item; seconded by Susan Huppert. Approved by unanimous voice vote.

Item 5: Municipal Advisory Services RFP

Tami Madsen reported that the first version of the Municipal Advisor Services RFP was emailed to the F&A committee on January 19 for review and comment. No changes were suggested.

The committee agreed the RFP will state any terms and cost submitted as part of the RFP will remain valid for 120 days from the submission date. The contract term will be for the remainder of 2026 and continue through 2027, 2028, and 2029, with retaining a unilateral option for extending the contract through 2030 and 2031.

The committee noted that the current interim agreement with PFM Financial Advisors provides services up to a not-to-exceed amount, which is estimated to be reached by the end of March 2026, with a potential option to extend if necessary.

Members determined that the full F&A Committee will participate in reviewing RFP submissions. Interviews with responding firms will not be required but may be conducted if the committee deems them necessary. The RFP will be distributed to a list of municipal advisory firms obtained from the Iowa Finance Authority.

Susan Huppert proposed that the Executive Committee recommend that F&A Committee be authorized to award the agreement, subject to approval by the Executive Committee.

Item 6: Saylorville Plant Expansion - Well Drilling for Limited Phase II Environmental Site Assessment – Informational

Tami Madsen advised the committee that drillings and borings for the Saylorville Water Treatment Plant Phase II Environmental Site Assessment need to be performed. The cost is approximately \$200,000 and the samples will be tested to ensure proper source water quality. This will be on the February board agenda but is an informational item to the F&A committee.

Item 7: December Financial Summary and December Expenditures

The December financial summary and December expenditures were not made available by RSM in time for the meeting.

Item 8: December Revenue and Usage Summary

Tami Madsen stated that in the Technical Committee, DMWW reported December 2025 as top 5 water usage December with WDMWW reporting similar results.

Item 9: Other Business

None.

Adjournment

John McCune moved to adjourn; Tom Cope seconded. Approved by unanimous voice vote.

Minutes

Executive Committee
Central Iowa Water Works
February 17, 2026
4601 Westown Parkway, Suite 122
West Des Moines, IA 50266
12:00 p.m.

Item 1: Call to Order

Vice-Chair John Edwards called the meeting to order at 12:00 p.m.

Item 2: Roll Call

Diane Munns, Jody Smith*, John Edwards, John McCune*, Tami Madsen, Dustin Delvaux, Courtney Clarke*

*Attended remotely

Item 3: Approve Minutes for January 19, 2026

Diane Munns moved to approve the minutes; seconded by John McCune. Minutes approved by unanimous voice vote.

Item 4: After-Action Review Update

Tami Madsen advised that the draft water shortage plan will be presented to the Technical Committee, the Executive Committee, and the Board of Trustees again before final approval.

Jody Smith raised concerns about some of the language in the document, specifically with the Board of Trustees involvement when the actions taken are still voluntary in Stage 2.

Item 5: Legislative Update

Tami Madsen provided a bill tracker in the packet. One of the bills that the legislative team is following is regarding fecal matter in water sources. Before adding to the impaired waters list the fecal matter must be DNA tested to determine if it is human, bird, etc. This raised concerns about lengthening the time it takes to get on the impaired waters list.

Another concern was Senate file 2308 which could take away the members authority to manage water concerns with fines. The file states that any fees that are not directly added to the meter charges would not be allowed, which would include no levy of fines for water usage violations.

CIWW and Dentons will continue to monitor the bills, along with the others identified on the tracker.

Item 6: Water Allocation Discussion

Tami Madsen advised the committee that the Water Allocation Discussion process has concluded. After ranking the options provided by the consultant, the small group has recommended an allocation methodology that results in every agency that requested water receiving an allocation. This option is more in the spirit of the 28E where if the agencies make requests, CIWW will provide the capacity to the extent possible.

This exercise indicated that CIWW members require more capacity than is available in the Grimes Expansion and new West Plant and that certain members will experience water stress by as early as 2030. The board committees and trustees should discuss the implications of this finding, including building more capacity and implementing water conservation practices.

Jody Smith participated in the small group discussion and concluded that discussions about Saylorville II need to begin soon. Diane Munns and Jody Smith both agreed that a board workshop should be held to discuss future planning.

Item 7: Review February Board of Trustees Meeting Agenda Item

Tami Madsen reviewed the February Board of Trustees Meeting Agenda.

Jody Smith requested that the water allocation recommendation be presented at the February Board Meeting with additional information provided at the March meeting. A board workshop should be scheduled for future planning at the end of March or in the month of April.

8: Other Business

There was no other business.

Adjournment

Vice-Chair Edwards adjourned the meeting at 12:41 p.m.



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 6F

SUBJECT: Receive and File February Financial Summary and Approve February Expenditures

SUMMARY:

The following financial reports are attached:

1. Statement of Revenues, Expenses, and Change in Net Position for the month of February
2. Statement of Revenues, Expenses, and Change in Net Position – 12 Month Trend
3. Statement of Net Position as of February 28, 2026
4. Statement of Net Position – 12 Month Trend
5. Monthly Disbursement Listing for the month of February

Following are key financial highlights for the month:

- Interest-bearing operating cash as of February 28 totals approximately \$27.94 million, which is \$1.96 million lower than previous month due to the timing of payments.
- Restricted cash balances, including the Bond Sinking Fund and Debt Service Reserve Fund, total \$4.19 million at month-end and are earning 3.460%.
- The Accounts Receivable balance of \$9.60 million is comprised of \$6.6 million in water charges unpaid at month-end and \$3.0 million owed from contract operators to true-up 2025 estimated billings to 2025 actual production costs.
- Accounts Payable at month-end totals \$110k, which is lower than the previous month due to the timing of invoices received and paid.
- Accrued Liabilities is around \$7.93 million due to 2025 end of year adjustments. Approximately \$3.5 million has been accrued to reimburse DMWW for capital expenditures and a \$3.9 million adjustment was made at year-end to adjust capital contributions related to CIWW's acquisition of production assets.
- Bond Payable – Current reflects the bond principal amounts due within one year. Year-end adjustments reclassified a portion of long-term debt to current bonds payable increase the amount of Bond Payable – Current.
- The \$12.3 million in cash transferred to CIWW by DMWW to fully satisfy the requirements of Schedule IV-11 and previously recorded as Joint Capital Payable was reclassified to capital contributions subsequent to year-end, with an effective date as of 12/31/25.
- Long-term Debt of \$45.94 million represents amounts owed by CIWW not due within the next 12 months.
- Water Sales Revenue for February was \$121k below budget but is \$91k above budget YTD.
- Contract Operator Expenses for February came in \$269k above budget and are nearly \$900k above budget for the year, in part related to ongoing nitrate removal costs at the Fleur Drive treatment plant.
- Investment income was \$218,461 YTD.
- Interest expense on outstanding bonds totals \$176,903 YTD.

- Total operating expenses are approximately \$8.34 million which is about \$776k above budget.
- February cash disbursements totaled \$6,096,247.62.

FINANCIAL IMPACT:

None.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

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

Prepared by: *Just Del*

Reviewed by Treasurer: *Amy Kahler*

Central Iowa Water Works
Statement of Net Position
As of February 28, 2026

	Year To Date 02/28/2026	Year Ending 12/31/2025 Actual
Assets		
Current Assets		
Cash and Cash Equivalents	27,943,965	95,076,713
Restricted Cash	4,191,874	3,877,360
Accounts Receivable	9,603,186	13,178,755
Prepaid Expenses	21,308	4,472
Total Current Assets	<u>41,760,333</u>	<u>112,137,300</u>
Capital Assets, Net	<u>263,660,810</u>	<u>264,239,492</u>
Total Assets	<u>305,421,143</u>	<u>376,376,792</u>
Deferred Outflows of Resources	<u>6,787</u>	<u>6,787</u>
Liabilities		
Current Liabilities		
Accounts Payable	109,960	384,868
Accrued Liabilities	7,933,786	7,862,936
Accrued Interest Payable	265,355	88,452
Accrued Payroll Liabilities	27,164	16,384
Compensation Payable - Current	22,736	22,736
Bond Payable - Current	2,456,000	2,456,000
Other Current Liabilities	0	74,448,811
Total Current Liabilities	<u>10,815,001</u>	<u>85,280,187</u>
Long-Term Debt, Net	<u>45,943,073</u>	<u>45,675,026</u>
Non-Current Liabilities	<u>34,103</u>	<u>34,103</u>
Total Liabilities	<u>56,792,177</u>	<u>130,989,316</u>
Net Position	<u>248,635,753</u>	<u>245,394,263</u>
Total Liabilities and Net Position	<u>305,427,930</u>	<u>376,383,579</u>

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 February 28, 2026

	Month Ending 03/31/2025	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
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Assets												
Current Assets												
Cash and Cash Equivalents	7,524,517	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
Restricted Cash	4,341,672	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
Accounts Receivable	4,332,054	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
Prepaid Expenses	0	0	0	8,875	31,245	25,706	20,166	14,628	10,011	4,472	3,584	21,308
Total Current Assets	16,198,243	20,172,677	19,728,712	22,742,513	20,342,649	25,067,336	34,628,088	36,393,845	39,347,248	112,137,300	42,422,400	41,760,333
Capital Assets, Net	39,239,766	42,065,813	42,103,416	43,581,355	46,754,034	46,767,789	302,630,292	302,112,485	301,763,971	264,239,492	263,982,455	263,660,810
Total Assets	55,438,009	62,238,490	61,832,128	66,323,868	67,096,683	71,835,125	337,258,380	338,506,330	341,111,219	376,376,792	306,404,855	305,421,143
Deferred Outflows of Resources	6,787	6,787	6,787	6,787	6,787	6,787	6,787	6,787	6,787	6,787	6,787	6,787
Liabilities												
Current Liabilities												
Accounts Payable	120,045	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
Accrued Liabilities	863,743	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
Accrued Interest Payable	210,568	280,758	350,947	70,190	140,379	210,568	280,758	350,947	421,137	88,452	176,904	265,355
Accrued Payroll Liabilities	20,283	28,029	36,383	42,733	17,332	19,902	22,034	30,623	23,556	16,384	26,479	27,164
Compensation Payable - Current	0	0	0	0	0	0	0	0	0	22,736	22,736	22,736
Bond Payable - Current	0	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
Joint Capital Payable	5,000,000	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
Other Current Liabilities	0	0	0	0	0	0	0	0	0	74,448,811	0	0
Total Current Liabilities	6,214,639	9,077,839	6,370,987	9,267,224	8,299,024	8,019,437	15,559,036	15,594,874	15,684,571	85,280,187	13,342,525	10,815,001
Long-Term Debt, Net	42,968,529	45,631,894	45,767,260	45,508,186	46,616,994	47,930,911	47,930,910	47,930,910	47,930,910	45,675,026	45,943,073	45,943,073
Non-Current Liabilities	0	0	0	0	0	0	0	0	0	34,103	34,103	34,103
Total Liabilities	49,183,168	54,709,733	52,138,247	54,775,410	54,916,018	55,950,348	63,489,946	63,525,784	63,615,481	130,989,316	59,319,701	56,792,177
Net Position	6,261,628	7,535,544	9,700,668	11,555,245	12,187,452	15,891,565	273,775,221	274,987,333	277,502,524	245,394,263	247,091,941	248,635,753
Total Liabilities and Net Position	55,444,796	62,245,277	61,838,915	66,330,655	67,103,470	71,841,912	337,265,167	338,513,117	341,118,006	376,383,579	306,411,642	305,427,930

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 February 28, 2026

	Month To Date	Month Ending		Year To Date			Year Ending	% Remaining
	02/28/2026	02/28/2026	Budget Variance	02/28/2026	Budget	Budget Variance	12/31/2026	
	Actual	Budget		Actual	Budget		Budget	
Change in Net Position								
Operating Revenue(Expense), Net								
Operating Revenue								
Water Sales Revenue	5,325,765	5,447,126	(121,361)	10,985,556	10,894,252	91,304	73,460,890	85 %
Expansion Revenue	278,258	278,259	(1)	556,516	556,518	(2)	3,339,110	83 %
Other Revenue	40	0	40	40	0	40	0	0 %
Total Operating Revenue	5,604,063	5,725,385	(121,322)	11,542,112	11,450,770	91,342	76,800,000	85 %
Operating Expenses								
Personnel								
Salaries & Wages	31,250	26,971	4,279	58,750	53,942	4,808	323,652	83 %
Payroll Taxes	2,558	2,276	282	5,455	4,552	903	27,311	83 %
Employee Benefits	7,480	9,194	(1,714)	17,547	18,387	(841)	110,325	83 %
Total Personnel	41,288	38,441	2,847	81,752	76,881	4,871	461,288	83 %
Professional Services								
Legal and Accounting Fees	28,317	26,233	2,084	28,317	47,467	(19,150)	289,800	84 %
Professional Services - Other	4,825	21,271	(16,446)	7,929	42,541	(34,612)	355,250	88 %
Total Professional Services	33,142	47,504	(14,362)	36,246	90,008	(53,762)	645,050	86 %
Contract Operator Expenses								
Contract Operator Expenses	3,313,618	3,044,978	268,640	6,971,474	6,089,958	881,517	43,499,695	86 %
Total Contract Operator Expenses	3,313,618	3,044,978	268,640	6,971,474	6,089,958	881,517	43,499,695	86 %
Occupancy and Office								
Mailing & Production	58	50	8	186	100	86	600	83 %
Facility & Equipment Expenses	53,568	63,709	(10,141)	108,804	127,418	(18,614)	764,508	83 %
IT & Telecommunications	770	0	770	770	0	770	0	0 %
Licenses & Fees	350	0	350	350	0	350	0	0 %
Total Occupancy and Office	54,746	63,759	(9,013)	110,110	127,518	(17,408)	765,108	83 %
Other								
Travel Expense	0	0	0	149	0	149	0	0 %
Business Expenses	13,559	7,317	6,242	14,628	14,633	(4)	87,800	83 %
Other Expenses	349	263	87	652	525	127	3,150	83 %
Total Other	13,908	7,580	6,329	15,429	15,158	271	90,950	83 %
Depreciation and Amortization								
Depreciation	583,707	583,333	373	1,127,169	1,166,667	(39,498)	7,000,000	83 %
Total Depreciation and Amortization	583,707	583,333	373	1,127,169	1,166,667	(39,498)	7,000,000	83 %
Total Operating Expenses	4,040,409	3,785,595	254,814	8,342,180	7,566,190	775,990	52,462,091	86 %
Total Operating Revenue(Expense), Net	1,563,654	1,939,790	(376,136)	3,199,932	3,884,580	(684,648)	24,337,909	84 %
Non-Operating Revenue(Expense), Net								
Investments, net	68,609	0	68,609	218,461	0	218,461	0	0 %
Interest Expense	88,451	0	88,452	176,903	0	176,903	1,061,421	100 %
Total Non-Operating Revenue(Expense), Net	(19,842)	0	(19,843)	41,558	0	41,558	(1,061,421)	100 %
Total Change in Net Position	1,543,812	1,939,790	(395,979)	3,241,490	3,884,580	(643,090)	23,276,488	83 %

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 February 28, 2026

	Month Ending 03/31/2025	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
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Change in Net Position												
Operating Revenue(Expense), Net												
Operating Revenue												
Water Sales Revenue												
Water Sales	3,435,171	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
Joint Fixed Revenue	1,746,315	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
Total Water Sales Revenue	5,181,486	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
Expansion Revenue	64,367	64,367	64,367	64,367	64,367	64,367	64,367	64,367	64,367	(708,037)	278,258	278,258
Other Revenue												
Miscellaneous Revenue	0	0	0	0	0	1,280	0	0	1,006	1,758	0	40
Total Other Revenue	0	0	0	0	0	1,280	0	0	1,006	1,758	0	40
Total Operating Revenue	5,245,853	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
Operating Expenses												
Personnel												
Salaries & Wages	22,943	26,410	26,415	25,523	30,870	25,037	26,739	34,031	15,432	86,425	27,500	31,250
Payroll Taxes	1,877	2,053	2,111	2,030	2,455	1,931	1,414	1,093	586	924	2,897	2,558
Employee Benefits	7,065	7,426	8,687	8,202	8,599	9,342	9,724	6,455	9,906	9,271	10,067	7,480
Total Personnel	31,885	35,889	37,213	35,755	41,924	36,310	37,877	41,579	25,924	96,620	40,464	41,288
Professional Services												
Legal and Accounting Fees	71,877	33,437	34,636	53,399	68,730	25,564	27,584	29,739	19,911	28,708	0	28,317
Professional Services - Other	21,473	4,000	0	0	0	27,156	0	3,950	0	141,555	3,104	4,825
Total Professional Services	93,350	37,437	34,636	53,399	68,730	52,720	27,584	33,689	19,911	170,263	3,104	33,142
Contract Operator Expenses												
Contract Operator Expenses	3,002,808	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
Total Contract Operator Expenses	3,002,808	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
Occupancy and Office												
Mailing & Production												
Printing and Reproduction	0	0	0	0	58	152	59	58	58	58	128	58
Total Mailing & Production	0	0	0	0	58	152	59	58	58	58	128	58
Facility & Equipment Expenses												
Facility Expense	0	0	3,393	0	353,253	53,393	53,958	53,394	53,394	98,316	50,000	50,000
Occupancy	0	0	0	0	0	0	0	0	0	0	3,393	3,393
Materials & Supplies	96	122	0	0	6,230	1,404	1,320	541	650	9,931	0	175
Repairs and Maintenance Expense	0	0	0	0	0	0	0	0	0	0	1,843	0
Total Facility & Equipment Expenses	96	122	3,393	0	359,483	54,797	55,278	53,935	54,044	108,247	55,236	53,568
IT & Telecommunications												
Internet	0	0	0	0	120	0	120	120	262	133	0	0
IT Software & Subscriptions	150	0	0	0	0	895	99	88	562	1,183	0	269
IT Hardware & Equipment	0	0	1,709	0	6,795	5,729	4,113	0	1,461	0	0	501
Total IT & Telecommunications	150	0	1,709	0	6,915	6,624	4,332	208	2,285	1,316	0	770
Licenses & Fees												
Bond Issuance	0	0	0	0	0	0	0	0	0	304,709	0	0
Licenses and Permits Expense	0	0	0	0	0	0	104	0	0	0	0	350
Total Licenses & Fees	0	0	0	0	0	0	104	0	0	304,709	0	350
Total Occupancy and Office	246	122	5,102	0	366,456	61,573	59,773	54,201	56,387	414,330	55,364	54,746

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 February 28, 2026

	Month Ending 03/31/2025	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
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Other												
Travel Expense												
Travel	924	0	459	175	1,628	0	163	144	1,008	39	0	0
Meal and Entertainment Expense	0	263	0	0	0	0	169	569	976	43	149	0
Total Travel Expense	924	263	459	175	1,628	0	332	713	1,984	82	149	0
Business Expenses												
General Insurance Premiums	0	0	11,464	(8,876)	887	888	887	3,016	4,265	888	887	9,336
Advertising and Publishing Expense	1,079	2,500	130	162	287	205	744	726	401	535	0	339
Public Relations and Communications Expense	0	0	0	0	38,712	9,169	24,786	0	0	24,688	183	2,370
Dues and Subscriptions Expense	477	0	0	5,100	0	0	0	0	1,012	0	0	1,489
Education and Training	0	30	703	0	0	0	0	0	0	36	0	25
Total Business Expenses	1,556	2,530	12,297	(3,614)	39,886	10,262	26,417	3,742	5,678	26,147	1,070	13,559
Other Expenses												
Bank Fees	86	101	75	75	75	75	75	74	75	75	117	75
Miscellaneous Expenses	244	137	279	186	261	217	277	379	185	(1,829)	185	274
Total Other Expenses	330	238	354	261	336	292	352	453	260	(1,754)	302	349
Total Other	2,810	3,031	13,110	(3,178)	41,850	10,554	27,101	4,908	7,922	24,475	1,521	13,908
Depreciation and Amortization												
Depreciation	0	0	0	0	0	0	5,217,959	573,756	572,978	513,649	543,462	583,707
Total Depreciation and Amortization	0	0	0	0	0	0	5,217,959	573,756	572,978	513,649	543,462	583,707
Total Operating Expenses	3,131,099	3,916,061	3,937,341	3,929,407	4,789,438	2,358,967	7,374,168	4,551,564	2,670,461	5,257,704	4,301,771	4,040,409
Total Operating Revenue(Expense), Net	2,114,754	1,313,044	2,202,383	1,909,874	662,364	3,740,394	(1,004,613)	1,221,595	2,521,784	(770,990)	1,636,278	1,563,654
Non-Operating Revenue(Expense), Net												
Investments, net												
Investment Income	26,902	31,062	32,930	36,622	40,032	33,909	40,183	60,706	63,597	102,767	149,852	68,609
Total Investments, net	26,902	31,062	32,930	36,622	40,032	33,909	40,183	60,706	63,597	102,767	149,852	68,609
Gain (Loss) on Disposal of Capital Assets	0	0	0	0	0	0	0	0	0	14,529	0	0
Interest Expense	210,568	70,190	70,189	91,918	70,190	70,190	70,190	70,189	70,189	67,414	88,452	88,451
Total Non-Operating Revenue(Expense), Net	(183,666)	(39,128)	(37,259)	(55,296)	(30,158)	(36,281)	(30,007)	(9,483)	(6,592)	49,882	61,400	(19,842)
Other Revenue												
Capital Contributions	0	0	0	0	0	0	258,918,276	0	0	(32,159,557)	0	0
Total Other Revenue	0	0	0	0	0	0	258,918,276	0	0	(32,159,557)	0	0
Total Change in Net Position	1,931,088	1,273,916	2,165,124	1,854,578	632,206	3,704,113	257,883,656	1,212,112	2,515,192	(32,880,665)	1,697,678	1,543,812

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
Monthly Disbursements Listing - February 2026

Vendor name	Account title	Amount
Advanced Engineering and Environmental Services	Public Relations and Communications Expense	182.25
Advanced Engineering and Environmental Services	Contracted Engineering Services	23,738.50
Automatic Data Processing, Inc.	Miscellaneous Expenses	274.65
Automatic Data Processing, Inc.	Withholding Taxes Payable	7,659.36
Automatic Data Processing, Inc.	Accrued Salary	17,739.44
Bankers Trust Company	Bank Fees	74.90
Bankers Trust Company	Education and Training	25.00
Bankers Trust Company	Materials & Supplies	174.50
Bankers Trust Company	IT Software & Subscriptions	269.26
Bankers Trust Company	IT Hardware & Equipment	500.65
City of Grimes	Contract Operator Expenses	197,823.00
City of Polk City	Contract Operator Expenses	24,848.00
Dentons Davis Brown PC	Legislative Services	6,000.00
Des Moines Water Works	Contract Operator Expenses	4,974,256.00
Iowa DNR Water Supply Engineering	Licenses and Permits Expense	350.00
IPERS	IPERS Payable	5,898.75
Marco Technologies, LLC	Printing and Reproduction	127.86
Nyemaster Goode, P.C.	Legal	22,571.79
On Track Construction, LLC	Construction in Progress	116,982.00
Storey Kenworthy Corporation	Office & Data Processing Equipment	1,430.00
Strand Associates, Inc	Construction in Progress	164,120.00
Urbandale Water Utility	Repairs and Maintenance Expense	1,842.66
West Des Moines Water Works	Construction in Progress	181,755.05
West Des Moines Water Works	Contract Operator Expenses	347,604.00
Sum Total		6,096,247.62



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 6G

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

SUMMARY:

The February 2026 Revenue and Usage Summary is presented as Item 6G. The summary incorporates several charts depicting the proportional contribution of each member to water pumpage and associated billing for February 2026, in addition to cumulative data through the month of February.

FINANCIAL IMPACT:

None.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

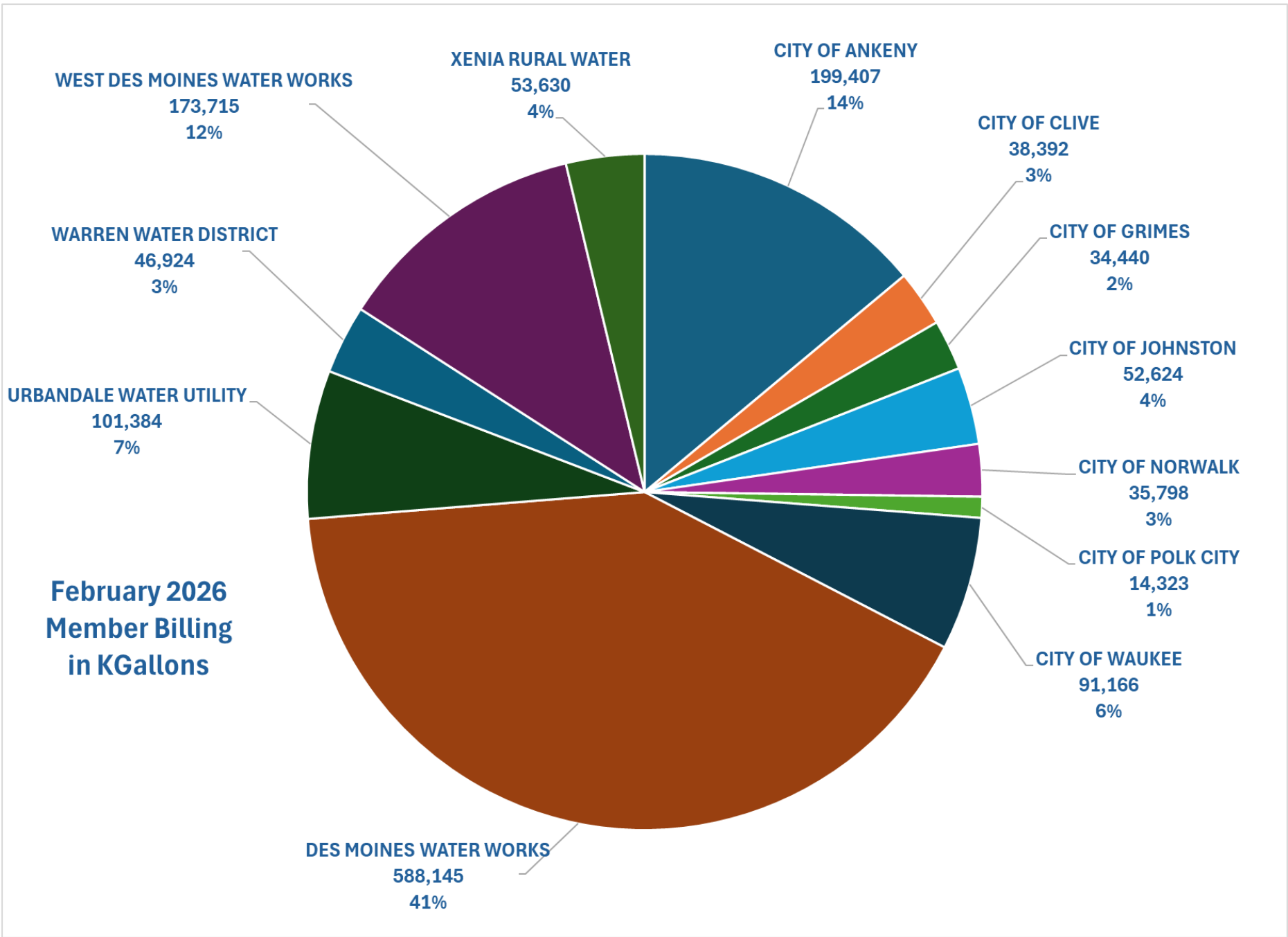
Motion – Receive and File CIWW February 2026 Revenue and Usage Summary

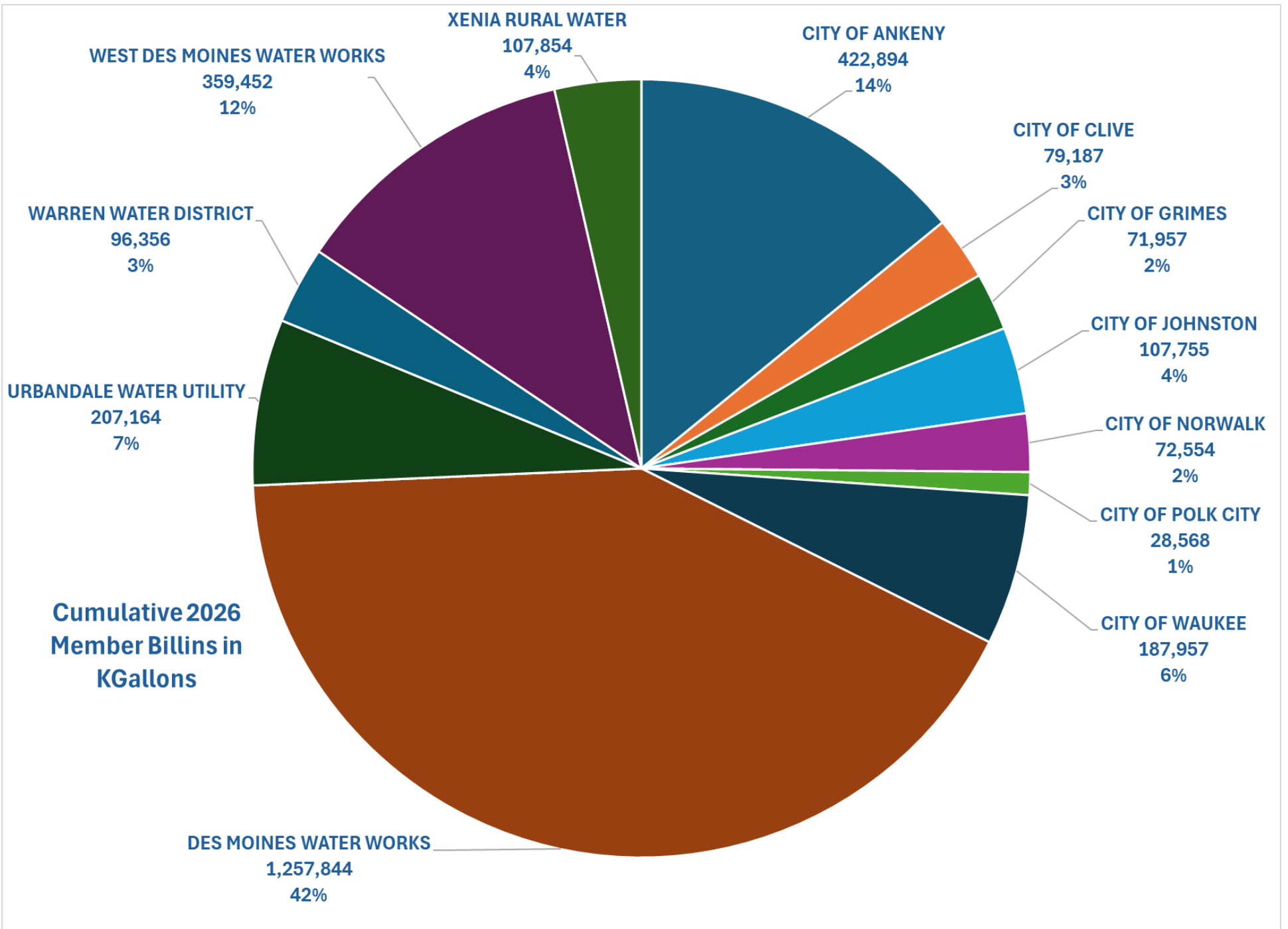
Prepared by: *Ami Madsen*



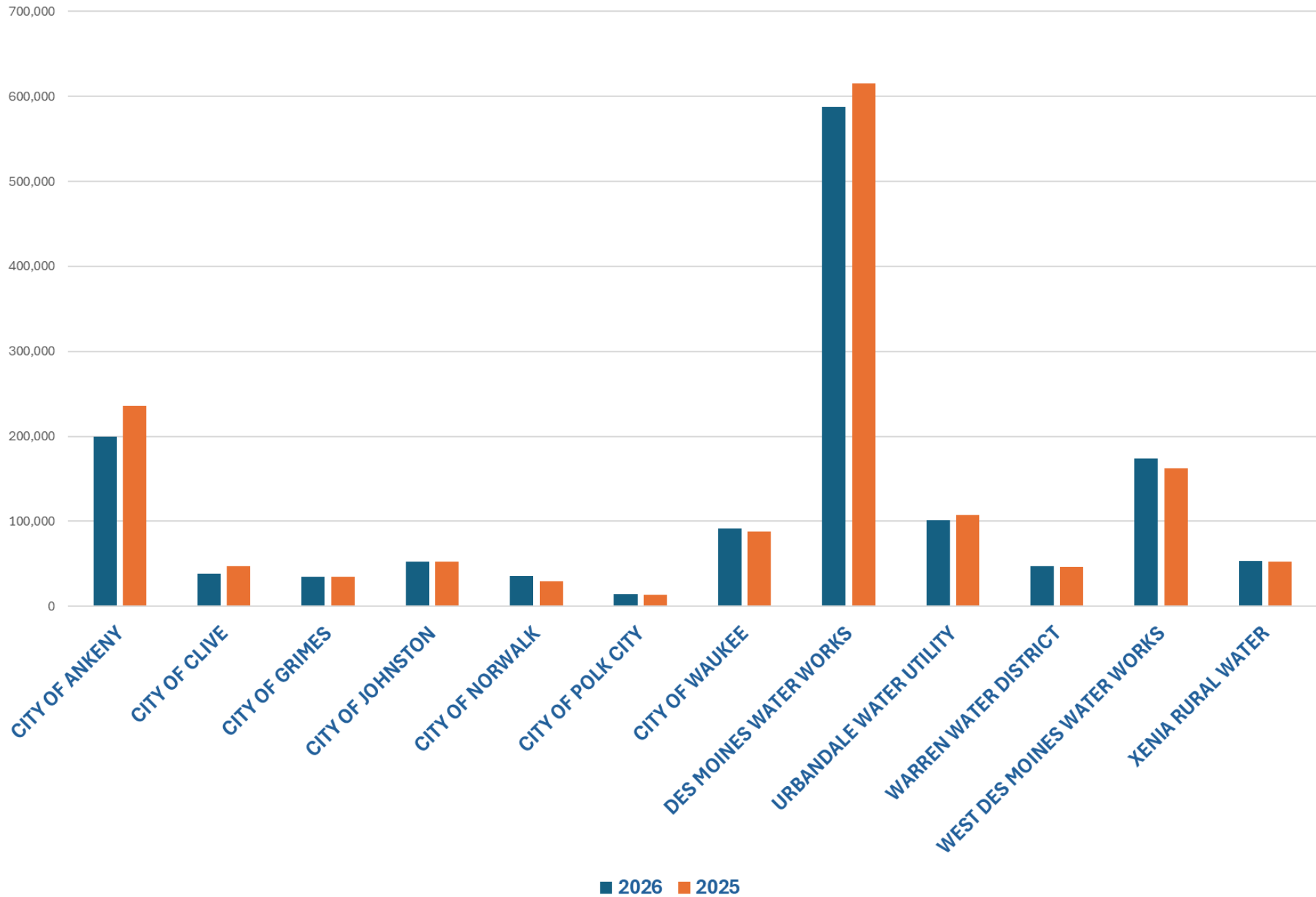
CIWW February 2026 Usage Summary

Member Agency	February Comparison					Cumulative Comparison				
	2026		2025		Difference YOY	2026		2025		Difference YOY
	Amount	% Total	Amount	% Total		Amount	% Total	Amount	% Total	
CITY OF ANKENY	199,407	13.95%	235,723	15.88%	-36,316	422,894	14.10%	492,561	15.94%	-69,667
CITY OF CLIVE	38,392	2.68%	47,010	3.17%	-8,618	79,187	2.64%	91,382	2.96%	-12,195
CITY OF GRIMES	34,440	2.41%	34,430	2.32%	10	71,957	2.40%	72,828	2.36%	-871
CITY OF JOHNSTON	52,624	3.68%	52,711	3.55%	-87	107,755	3.59%	110,697	3.58%	-2,942
CITY OF NORWALK	35,798	2.50%	29,270	1.97%	6,528	72,554	2.42%	60,947	1.97%	11,607
CITY OF POLK CITY	14,323	1.00%	13,483	0.91%	840	28,568	0.95%	27,856	0.90%	712
CITY OF WAUKEE	91,166	6.38%	88,145	5.94%	3,021	187,957	6.27%	186,464	6.03%	1,493
DES MOINES WATER WORKS	588,145	41.13%	615,211	41.45%	-27,066	1,257,844	41.93%	1,275,319	41.27%	-17,475
URBANDALE WATER UTILITY	101,384	7.09%	107,706	7.26%	-6,322	207,164	6.91%	224,357	7.26%	-17,193
WARREN WATER DISTRICT	46,924	3.28%	45,795	3.09%	1,129	96,356	3.21%	97,350	3.15%	-994
WEST DES MOINES WATER WORKS	173,715	12.15%	162,654	10.96%	11,061	359,452	11.98%	341,110	11.04%	18,342
XENIA RURAL WATER	53,630	3.75%	52,054	3.51%	1,576	107,854	3.60%	109,390	3.54%	-1,536
	1,429,948		1,484,192		-54,244	2,999,541		3,090,261		-90,720

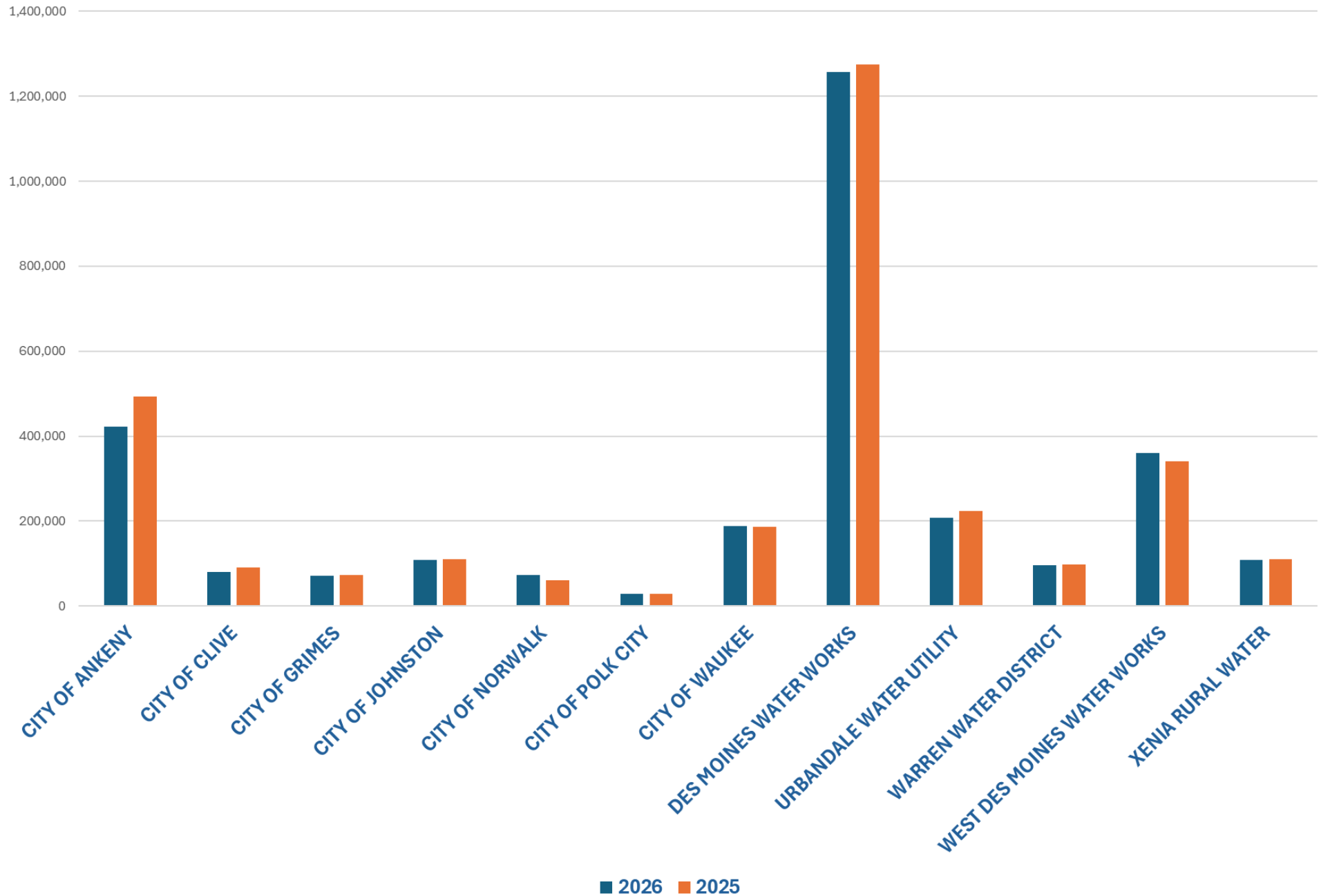




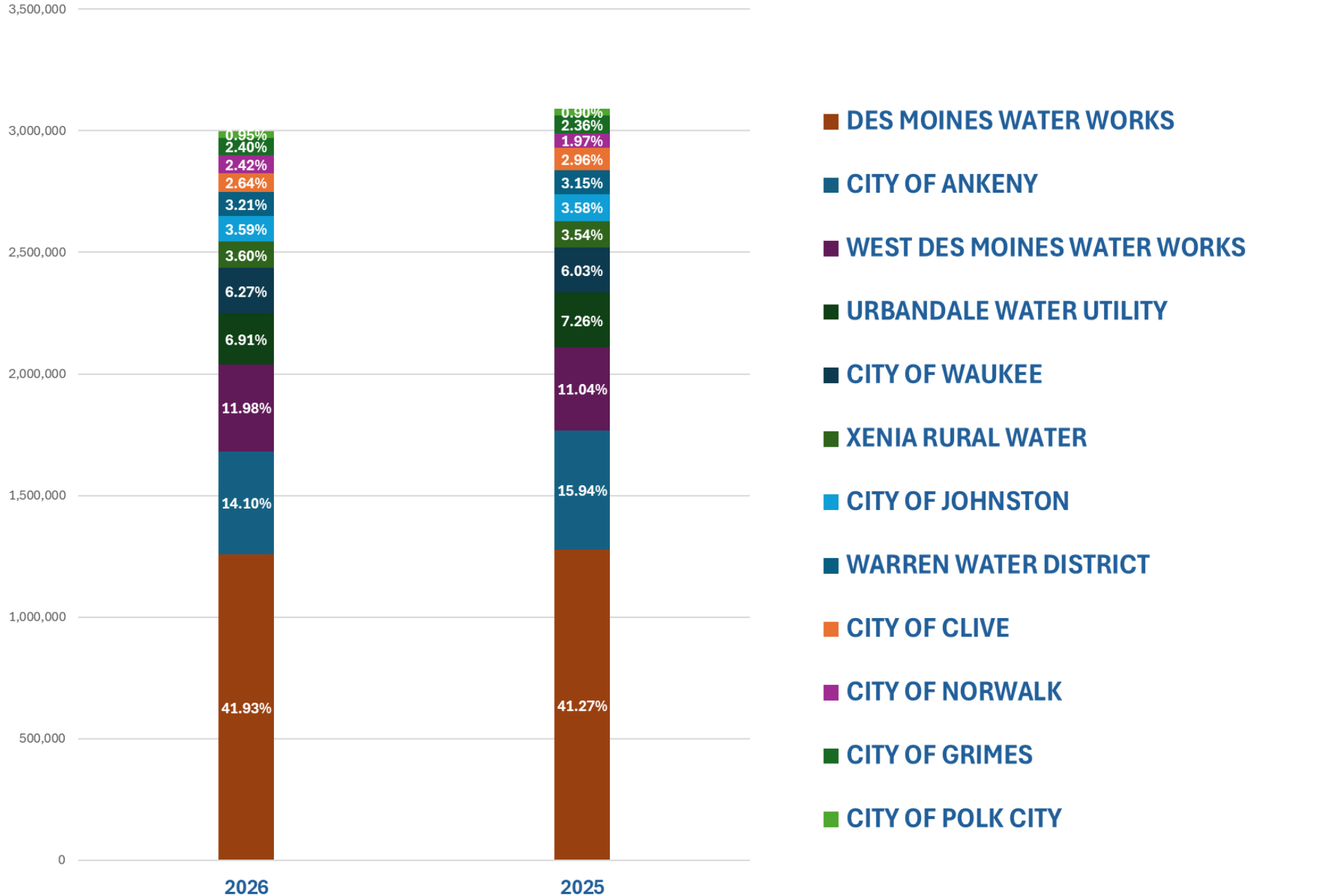
February Year Over Year Comparison



Year Over Year Cumulative Comparison



Cumulative Year Over Year Comparison in KGallons





CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 7A

SUBJECT: Resolution – Updated Schedules I-2-A (Historic Annual Finished Water Requirements) and I-2-B (Five Year Average Maximum Day Demand)

SUMMARY:

Article I Section 2 of the 28E/28F agreement provides historical data on annual finished water demand and historical data on maximum day utilization of capacity for the previous five-year period for each CIWW member, summarized in board modifiable Schedules I-2-A and I-2-B.

The 28E Agreement assigns the Technical Committee the responsibility for calculating and approving updates to Schedule I-2, to be completed as soon as practicable each year following the end of the calendar year. The Technical Committee approved the updates at its March meeting and made a recommendation for the Board of Trustees to adopt the attached resolution.

FINANCIAL IMPACT:

Schedules I-2-A and I-2-B drive decisions that impact the finances of the member agencies.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Adopt the Resolution to Approve Updated Schedules I-2-A (Historic Annual Finished Water Requirements) and I-2-B (Five Year Average Maximum Day Demand)

Prepared by: Ami Madsen

**RESOLUTION APPROVING UPDATED SCHEDULES
I-2-A (HISTORIC ANNUAL FINISHED WATER REQUIREMENTS)
AND I-2-B (FIVE YEAR AVERAGE MAXIMUM DAY DEMAND)**

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, various provisions of the CIWW Agreement use Schedules I-2-A (Historic Annual Finished Water Requirements) and I-2-B (Five Year Average Maximum Date Demand) as attached to the CIWW Agreement in calculations used by the Board to of Trustees to make decisions on behalf of CIWW;

WHEREAS, such Schedules are "Board Modifiable Schedules" as defined in the CIWW Agreement that must be updated annually by the Board as calculated in accordance with the CIWW Agreement in order to properly utilize such Schedules in operation and management of CIWW; and

WHEREAS, the Board of Trustees, having reviewed Schedule I-2-A (Historic Annual Finished Water Requirements) attached as Exhibit A and Schedule I-2-B (Five Year Average Maximum Date Demand) attached as Exhibit B, believe they are correct and should be adopted for use until the next required update to the Schedules.

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

Section 1. That the Board adopts Schedule I-2-A (Historic Annual Finished Water Requirements) attached as Exhibit A and Schedule I-2-B (Five Year Average Maximum Date Demand) attached as Exhibit B.

Section 2. That the Schedules as adopted shall be used for the remaining of 2026 and in 2027 until such time as the CIWW Agreement requires or permits the adoption of new Schedule I-2-A (Historic Annual Finished Water Requirements) and Schedule I-2-B (Five Year Average Maximum Date Demand).

PASSED AND APPROVED this 25th day of March 2026.

Jody E. Smith, Board Chair

Attest:

Diane Munns, Board Secretary

EXHIBIT A: Schedule I-2-A (Historic Annual Finished Water Requirements)

Schedule I-2-A (Historic Annual Finished Water Requirements)

Effective March 25, 2026

Schedule I-2-A Member	Annual Demand in Million Gallons					Five-Year Average	Percentage
	2021	2022	2023	2024	2025	2021-2025	2021-2025
Ankeny	2253.334	2497.238	2542.701	2503.437	2483.374	2456.0168	11.5%
Clive	733.048	708.084	749.34	717.203	640.14	709.563	3.3%
DMWW	9125.886	9214.844	9176.67	8878.242	8725.105	9024.1494	42.3%
Johnston	869.177	822.323	872.417	853.622	801.154	843.7386	4.0%
Grimes	652.932	654.552	681.354	639.601	584.88	642.6638	3.0%
Norwalk	423.545	419.307	450.91	458.315	474.533	445.322	2.1%
Polk City	198.496	200.616	211.28	182.107	224.188	203.3374	1.0%
UWU	1773.936	1821.323	1834.979	1748.063	1683.811	1772.4224	8.3%
Warren Water District	625.806	642.937	676.321	671.258	648.325	652.9294	3.1%
Waukee	799.649	840.129	1013.385	1046.386	1055.333	950.9764	4.5%
WDMWW	2895.342	2825.989	3091.845	2943.815	2604.545	2872.3072	13.5%
Xenia	747.278	741.075	757.57	789.937	739.256	755.0232	3.5%
Total	21098.429	21388.417	22058.772	21431.986	20664.644	21328.4496	100.0%

The above Schedule shall apply on and after March 25, 2026, and until a new Schedule is adopted by the Board of Trustees.

EXHIBIT B: Schedule I-2-B (Five Year Average Maximum Date Demand)

Schedule I-2-B (Five Year Average Maximum Date Demand)

Effective March 25, 2026

Schedule I-2-B Member	Million Gallons per Day (MGD)					Five-Year Average	Percentage
	2021	2022	2023	2024	2025	2021 - 2025	2021-2025
Ankeny	8.508	8.528	8.066	8.779	9.652	8.707	8.9%
Clive	4.158	4.008	3.841	4.275	4.153	4.087	4.2%
DMWW	44.274	45.440	41.438	38.698	36.377	41.245	42.0%
Johnston	5.027	4.793	4.581	4.318	3.802	4.504	4.6%
Grimes	2.808	3.080	3.600	3.199	2.765	3.090	3.1%
Norwalk	2.722	2.865	2.128	2.120	2.040	2.375	2.4%
Polk City	1.047	1.147	1.207	0.974	1.087	1.092	1.1%
UWU	10.122	10.557	9.705	8.615	8.560	9.512	9.7%
Warren Water District	2.824	3.290	2.959	2.516	2.862	2.890	2.9%
Waukee	4.281	4.274	4.721	4.292	4.303	4.374	4.5%
WDMWW	13.773	13.925	13.778	12.417	12.199	13.218	13.5%
Xenia	3.065	2.893	3.182	3.103	2.995	3.048	3.1%
Total	102.609	104.800	99.206	93.307	90.795	98.143	100%

The above Schedule shall apply on and after March 25, 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: March 25, 2026

ITEM NUMBER: 7B

SUBJECT: Resolution – Review and Approve Financial Institutions and Maximum Amounts for Central Iowa Water Works Bank Deposits

SUMMARY:

Iowa Code Chapter 12C.2 requires that the governing body of a governmental entity approve a maximum deposit amount at one or more approved financial institutions.

In 2024, the Board of Trustees designated Bankers Trust as an approved financial institution and approved a resolution to become a member of Iowa Public Agency Investment Trust (IPAIT) where CIWW participates in IPAIT’s Diversified Portfolio, a money market fund. In 2025, the Trustees approved the maximum deposit amount at each institution as \$12,000,000.

CIWW’s strong financial position at the end of 2025, along with budgeted cash collections and expenditures, and SRF project draws in 2026, indicate that the threshold should be increased to better align with projected balances across each institution.

The Central Iowa Water Works Treasurer and Executive Director recommend the following:

	<u>2025</u>	<u>2026</u>
Bankers Trust Company	\$12,000,000	\$25,000,000
Iowa Public Agency Investment Trust (IPAIT)	\$12,000,000	\$25,000,000

FINANCIAL IMPACT:

None.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Approve a resolution affirming Bankers Trust Company and IPAIT as authorized depositories for CIWW and approve the maximum deposit amount of \$25,000,000 at each institution.

Prepared by: Ami Madsen

RESOLUTION NO. _____

RESOLUTION APPROVING FINANCIAL INSTITUTIONS AND MAXIMUM AMOUNTS FOR CENTRAL IOWA WATER WORKS BANK DEPOSITS

WHEREAS, Article II of the Central Iowa Water Works 28E/28F Agreement gives the Board of Trustees the powers generally to conduct the affairs of Central Iowa Water Works (“CIWW”) in accordance with the law and consistent with the Agreement and Article XVI, Section 1 of the Central Iowa Water Works 28E/28F Agreement authorizes the Board to establish funds and accounts to be accounted for, managed and invested in accordance with Iowa law, including Chapters 12B and 12C, Iowa Code;

WHEREAS, the Board by previously adopted Resolution designated Bankers Trust as its depository;

WHEREAS, the Board by previously adopted Resolution joined the Iowa Public Agency Investment Trust (IPAIT) as a member;

WHEREAS, Iowa Code section 12C.2 requires that for each approved depository the Board must specify the maximum amount that may be kept on deposit at such depository; and

WHEREAS, the Board has determined that it is best practice to adopt a depository maximum amount of \$25,000,000 for CIWW for each depository.

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

1. Bankers Trust and Iowa Public Agency Investment Trust (IPAIT) are approved as depositories of public funds for the public body;
2. The maximum amount that may be kept on deposit at Bankers Trust is \$25,000,000; and
3. The maximum amount that may be kept on deposit at Iowa Public Agency Investment Trust (IPAIT) is \$25,000,000

PASSED AND APPROVED this 25th day of March 2026.

Jody Smith, Board Chair

Attest:

Diane Munns, Board Secretary



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 7C

SUBJECT: Motion – 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.

SUMMARY:

This item was presented to the Technical Committee and was recommended to the Board of Trustees for approval.

The next step in the CIWW West Plant source water evaluation is the construction of two test wells and associated observation wells at the primary well field. Quotes for this work were solicited from four reputable contractors, three of whom have availability to complete the test wells this spring. The schedule for completing the test wells also depends on securing permission from the property owner. Test well work is on the critical path for completing the preliminary engineering report for the West Plant.

The original scope provided to contractors was based on an ideal approach for collecting test well information. Two quotes have been received to date, for \$245,000 and \$286,000, with an expectation for a third company to provide a quote. The three contractors who have responded or are anticipating a response from are: Rieschick Drilling Co., Northway Well and Pump Co., and Sargent Drilling. The engineering design team is negotiating with contractors and adjusting the project scope to reduce costs without compromising the value of the data collected. The team is also requesting that contractors include performance and maintenance bonds in their quotes, which would add approximately 2.5% to the submitted amounts.

Because the test well work is on the critical path, approval of a not-to-exceed amount of \$295,000 is requested for the test well contract. Once all quotes are received and evaluated, the engineering team will review both the original and revised scopes with the CIWW Design Committee. The Committee will determine the best path forward based on what is in the project's best interest and within the approved not-to-exceed amount.

FINANCIAL IMPACT:

This project is not expected to exceed \$295,000 and will be funded through the West Plant Expansion project.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

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.

Prepared by: Ami Madsen

Aquifer Testing Site Activity

The objective of aquifer testing is to determine the well field design and estimate well and well field production capacity. This work involves the participation of an Iowa licensed well drilling contractor's drilling rig and service/water truck and crews. The contractor's on-site work will be supervised by a field hydrogeologist.

The site activity at EACH of TWO SITES will be as follows:

Drilling:

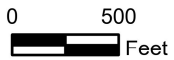
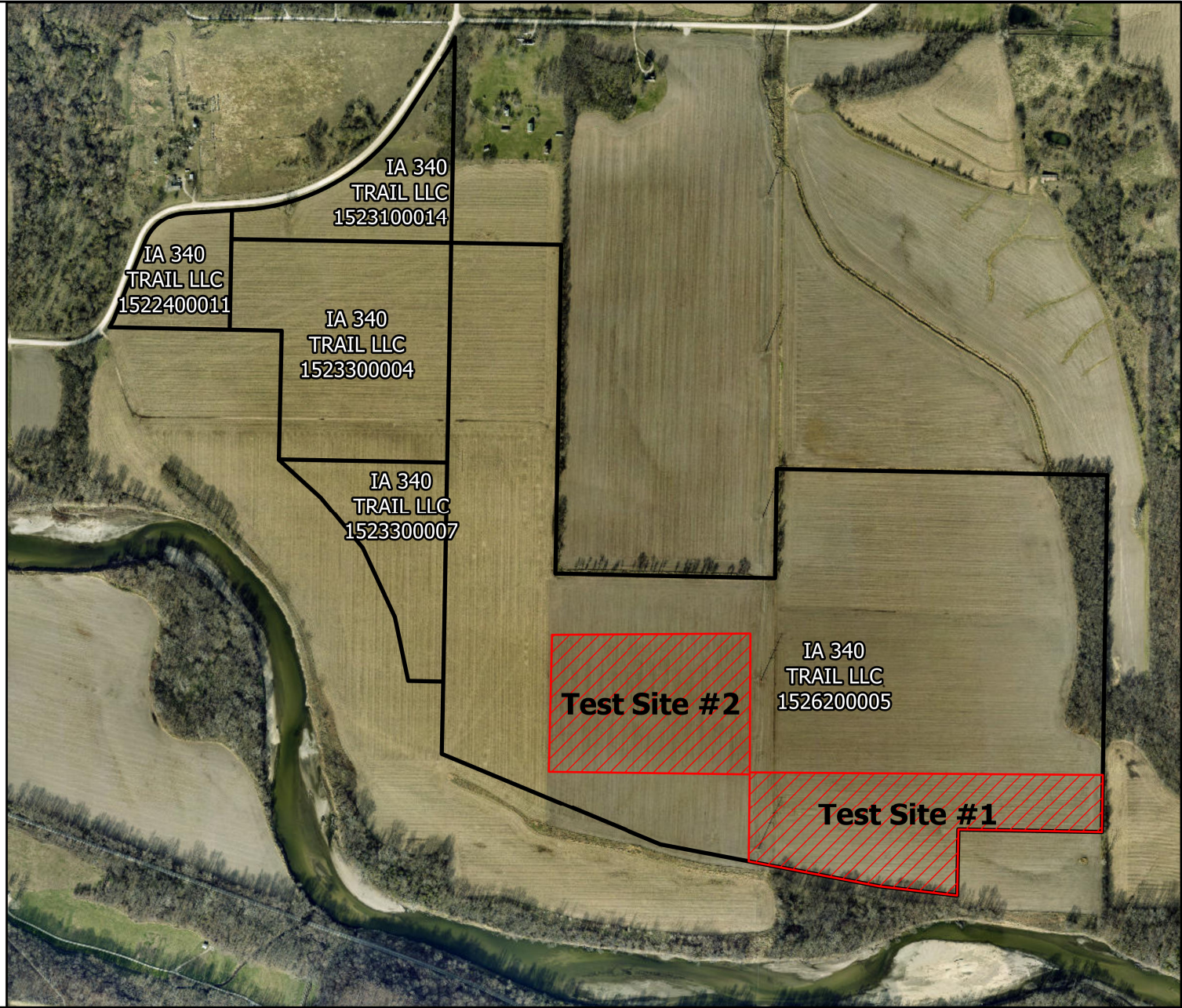
1. Survey stakes will be placed at each well site, and Iowa One-Call will be contacted for utility clearance, as required by State law. This will be done by one or two staff in a pick-up truck.
2. The well drilling contractor will mobilize a drilling rig (18-wheeler), and one service/water truck (F350 or similar size) pulling a trailer full of well materials and a backhoe. An additional normal size pickup truck will be used to transport the field hydrogeologist.
3. An earthen pit will be dug near the well site to facilitate the drilling of the test production well. The material removed for the pit will be placed next to the pit to be used as backfill.
4. A test production well will be drilled to an estimated depth of 60 and 70 feet.
5. A test production well will be constructed including a PVC casing that will stick up approximately 3 feet above ground and grouted in place using a bentonite (clay) grout. The PVC casing will be topped with a PVC cap.
6. Three to six 2-inch diameter temporary monitoring wells will be drilled and completed in a pattern centered on the test production well. The furthest monitoring well will be 350 feet from the test well. The monitoring well casings will stick up approximately 3 feet above ground and grouted in place using a bentonite grout. The PVC casings will be topped with a locking PVC cap.

Testing:

1. The well drilling contractor will mobilize a service truck with a pump hoist, one service truck (F350 or similar size) pulling a trailer with materials and equipment.
2. The test well and monitoring wells will be developed by a pump. A trailer mounted generator will be brought on-site to power the pump. A vinyl lay-flat hose will be used to direct the pumped discharge down and away from the project site in such a manner to minimize land erosion and disturbance.
3. Following the development, two pumping tests will be run. A total of 4 days of test pumping is anticipated. After each pumping test is completed, recovery of the water level drawdown will be monitored for a total of 5 days of testing. During these five days, site activity will be limited to one or two trucks and a fuel truck.

4. After testing and monitoring periods are complete, the drilling contractor will backfill the earthen pit.
5. The drilling contractor will demobilize removing all equipment, leftover materials, and the generator. The only things left on site will be the capped wells.
6. Approximately three weeks later, the drilling contractor will return to abandon the monitoring wells and possibly the test wells. Well abandonment will be the removal of all well materials to below plow depth, backfill with imperious bentonite grout. The ground will be restored to near pre-construction conditions including the removal of land ruts or other land disturbances.
7. CIWW will estimate any crop damage that may have resulted from the site activities and report to CIWW.

-  Test Site
-  Parcel Boundary



Sources:

Service Layer Credits: World Topographic Map:
 Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community
 World Imagery: Dallas County, Iowa, Vantor
 IGS GeoSam Logs are provided by Iowa DNR and the Iowa Geological Survey.



Prepared By:
 Spheros Environmental
 Minneapolis / St. Paul Office
 Minnesota
 (651) 341-8199

CIWW WEST PLANT GROUNDWATER EXPLORATION STUDY DALLAS COUNTY, IOWA		
TEST AND OBSERVATION WELL PERMISSION REQUEST		
FILE: 5095STA01_T5_TestWellSiting.MXD	DATE: 2/16/2026	FIGURE:

C:\GIS\GIS\Strand_CIWW\maps\Promaps\5095STA01_T5_TestWellSiting.aprx. 2/16/2026. 1:56 PM. NAD_1983_UTM_Zone_15N



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 7D

SUBJECT: Motion – Approve AE2S Task Order 2026-1 for General Engineering and Program Management Services

SUMMARY:

This task order was presented to the Technical, Finance and Audit, and Executive Committees and was recommended for approval by the Board of Trustees.

The attached task order is presented in line with the 2026 CIWW O&M budget for general engineering and consulting services per the guidelines in Article XIV, Section 5 of the 28E/28F Agreement. Services this year are expected to build on the prior year’s momentum through continued advancement and support in the following areas:

1. Long Range Plan scope development and support,
2. Board directed and requested activities, such as workshops and educational materials,
3. Continued evaluation of Member demand projections and capacity evaluations,
4. Capital Improvements Plan compilation and adoption,
5. Refined development and implementation of the standard front-end specifications,
6. Ongoing programmatic and technical support to the Executive Director and CIWW Committees, including the Technical Committee and the Long-Range Planning and Capital Improvements Committee,
7. Continued financial and cash flow funding coordination,
8. Coordinate development of a CIWW budget book through CIP and Long-Range Plan integrations, and
9. Targeted engineering and advisory services as priorities are refined such as water permitting and various engineering tasks.

AE2S is a multi-disciplinary consulting firm offering numerous business lines including marketing, communications services, engineering, and financial services. This task order gains access to those services as needed, or requested, by CIWW.

The is an hourly, not to exceed, task order for projects and services that do not follow the Capacity Expansion Cost Allocation.

This task order is not limited to engineering services and includes financial services and board directed activities such as time for workshops that have already been requested by the trustees.

As such, this task order has been presented to the Finance and Audit Committee and Executive Committee for discussion.

FINANCIAL IMPACT:

This is included in the approved CIWW 2026 O&M Budget for \$200,000.

- Program management services are budgeted at \$150,000
- Financial services are budgeted at \$50,000

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Approve AE2S Task Order 2026-1 for General Engineering and Program Management Services

Prepared by: Ami Madsen

TASK ORDER NO. 2026-1

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated June 25, 2025, Owner and Engineer agree as follows:

1. TASK ORDER DATA

a.	Effective Date of Task Order:	January 1, 2026
b.	Owner:	Central Iowa Water Works
c.	Engineer:	Advanced Engineering and Environmental Services, LLC
d.	Specific Project (title)	Program Management and General Engineering Services
e.	Specific Project (description):	This Task Order is to provide Program Management and General Engineering Services to support coordination across multiple member agencies, managing capital improvement planning and implementation, and providing on-call technical expertise. This task order also includes strategic oversight, stakeholder engagement, and quality assurance to ensure the efficient and cost-effective delivery of critical regional water system projects across Owner’s service area.
f.	Related Task Orders	N/A

2. BASELINE INFORMATION

Baseline Information. Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

Specific Project Title: 2026 Program Management and General Engineering Services

3. SERVICES OF ENGINEER (“SCOPE”)

- A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:
 - Phase 120 – Program Management and General Engineering Services
 - General Engineering Services
 - Engineering Designs and Analyses: Prepare engineering designs and related analyses, including technical memorandums, detailed plans, specifications, and cost estimates as required by the Owner.

- Provide services related to permitting and easement development, including legal description development, landowner negotiations, permit applications, and permit status administration.
 - Stakeholder Meetings Support: Assist in preparing reference materials and presentations for stakeholder meetings and attend as required.
- Program Management Services
 - Communication and Stakeholder Engagement
 - Internal communication protocols
 - External stakeholder engagement strategy
 - Public communication and transparency measures
 - Coordination with member agencies
 - Data Management and Information Sharing
 - Data collection, integration, and standardization
 - Security and confidentiality protocols
 - Reporting and performance tracking
 - Program and Project Scheduling
 - Near-term priorities
 - Long-term milestones and phasing
 - Risk management and contingency planning
 - Project phasing plan development
 - Performance Monitoring and Continuous Improvement
 - Regular reporting and progress updates
 - Process optimization and adaptive management
- Consultant Selection Support
 - Assist in the development of Requests for Qualifications (RFQs) and Requests for Proposals (RFPs)
 - Facilitating Selection Committees
 - Proposal Reviews and Scoring
 - Interview Coordination and Evaluation
- Provide support, coordination, and management of the Member Agencies' external consultants as requested by Owner.
 - Contract Oversight
 - Performance Monitoring
 - Stakeholder Coordination
 - Quality Control and Peer Review

- Support for Regulatory review, permitting, and State and Federal Agency Reporting
 - Coordination and support of contract operators
 - Ensure contract operators are providing necessary documents and reports accurately to State and Federal agencies.
 - Monitoring and tracking the status of regulatory approvals and required permits for on-going projects.
 - Provide local support of any operational needs related to the current infrastructure owned by the Owner.
- Continued Development of Standardized Front-End Specifications
 - Develop front-end specifications in EJCDC format that can be used by consultants selected to complete bidding documents for CIWW.
 - Coordinate with CIWW legal counsel on the preferred supplementary conditions of the specifications.
 - Technical Committee coordination and iterative review of the standardized front-end specifications.
- Historical Document Review and Collective Planning Guidance.
- Provide administrative support to prepare documents and assist staff with developing and reproducing documents and planning meetings.
- Provide management support for preparation and attendance of monthly committee and board meetings as well as other requested meetings.
- Provide support and develop required materials as requested by Owner for any stakeholder meetings.
- Provide management support for the preparation of materials requested ahead of legislative sessions.
- Provide Owner with the budget status of this task order on a monthly basis. Engineer shall provide an email alert to the Owner when the percent of contract spent for this task order exceeds 90 percent of the total contract budget.
- Phase 121 – Financial Services
 - Complete and submit funding applications
 - Prepare documentation to support funding requests.
 - Review funding applications and loan documentation.
 - Provide supporting documents for funding applications.
 - Assist Owner with the management of any State Revolving Fund (SRF) loan applications.
 - Capital Accounting and Financial Reporting
 - Update actual construction and contracted amounts to date for each project.
 - Revise cost estimates as information is provided and during buildout of projects.
 - Develop project implementation strategies.

- Prepare and submit monthly reports.
- B. All of the services included above comprise basic services for purposes of Engineer's compensation under this Task Order, with the exception of Resident Project Representative Services, if any, which are compensated separately.
- C. The services stated in this Task Order will be performed only upon prior authorization by the Owner's Executive Director or their Designated Representative.
- D. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner's written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, are Additional Services, and will be compensated by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

4. TASKS ORDER SCHEDULE

- A. As Owner requests services, Engineer shall complete services in a reasonable time. This Task Order will expire on December 31, 2026.

5. ADDITIONS TO OWNER'S RESPONSIBILITIES

- A. Owner shall have those responsibilities set forth in Article 2 of the Agreement, and the following supplemental responsibilities that are specific to this Task Order: None

6. TASK ORDER SCHEDULE

- A. In addition to any schedule provisions provided above or elsewhere, the parties shall meet the following schedule: None

7. ENGINEER'S COMPENSATION

- A. The terms of payment are set forth in Article 4 of the Agreement.
- B. Owner shall pay Engineer for services rendered under this Task Order as follows:

Description of Service	Amount	Basis of Compensation
1. Basic Services	\$200,000.00	
a. Program Management and General Engineering (Phase 120)	\$ 150,000.00	Hourly Not to Exceed
b. Financial Services (Phase 121)	\$ 50,000.00	Hourly Not to Exceed
2. Resident Project Representative Services*	N/A	N/A
TOTAL COMPENSATION (items 1 and 2)	\$200,000.00	
3. Additional Services under Section 3.D above	(N/A)	

C. Compensation items and totals based in whole or in part on Hourly Rates are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered.

8. ENGINEER'S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER:

ISG, Inc.
217 E 2nd St Suite 110
PO Box 2437
Des Moines, IA 50309

9. ATTACHMENTS: NONE

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Agreement and its exhibits and appendices, which Agreement, exhibits, and appendices are incorporated by this reference.

OWNER:

Central Iowa Water Works

By:

Date:

Name:

Title:

Address for giving notices:

Central Iowa Water Works

4601 Westown Parkway, Suite 122
Des Moines, IA 50321

Designated Representative:

Name: Tami Madsen

Title: Executive Director

Address:

4601 Westown Parkway
Suite 122
West Des Moines, IA 50266

Phone: (515) 323-6224

Email: tmadsen@ciww.gov

ENGINEER:

Advanced Engineering and Environmental Services, LLC

By:

Date:

Name: Brian R. Bergantine

Title: Project Quality Director

Address for giving notices:

Advanced Engineering and
Environmental Services, LLC
4050 Garden View Drive, Suite 200
Grand Forks, ND 58201

Designated Representative:

Name: Dustin Schultz, PE

Title: Program Manager

Address:

4170 28th Avenue South
Fargo, ND 58104

Phone: (701) 364-9111

Email: Dustin.Schultz@ae2s.com



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 7E

SUBJECT: Motion – Approve AE2S Task Order 2025-3 for West Water Treatment Plant and SRF Expansion – Owner’s Representative Services

SUMMARY:

This task order was presented to the Technical, Finance and Audit, Executive Committees and was recommended for approval by the Board of Trustees.

Attached is a task order for owner’s representative services for Central Iowa Water Works (CIWW) related to the West Plant project.

This is a negotiated 26-month not to exceed hourly task order with qualifiers that work will not be completed unless requested by CIWW. CIWW controls the engineer’s level of participation in the West Plant, or any other, project.

The contract includes:

- Expansion Capacity Allocation Support - \$60,000
- 26 months of Owner’s Representative Services over 26- Months - \$145,000

Serving in the capacity of CIWW’s Primary Engineering Consultant (Engineer) AE2S will provide the following services:

Member Agency Demand Projections and Expansion Capacity Allocation Support

1. Update the simplified member allocation spreadsheet and coordinate with members to validate spreadsheet submissions.
2. Compile the updated projections developed by each Member Agency and update the master demand projections spreadsheet.
3. Review updated master projections with Technical Committee leadership to compare and contrast updated demand projections and underlying assumptions submitted by the members to prior adopted CIWW projections.
4. Present draft results to the Technical Committee and Board of Trustees to provide a summary of the initial demand projections and requested treatment allocations.
5. Conduct Member Agency one-on-ones to review and validate the information they submitted.
6. Conducted meeting with capacity allocation working group to review capacity requests and discussed allocation scenario concepts.
7. Develop capacity allocation alternatives for capacity allocation working group review and ranking.
8. Develop an overview presentation and summary memo of compiled projections, requested treatment capacity allocations, allocation alternative results, and allocation alternative rankings.
9. Support Board of Trustees in final selection of preferred allocation alternative.

Owner's Representative Services

1. Participate as requested in project milestone and project progress meetings, and assist in coordination between the Owner, consultant, subconsultants, regulatory agencies, and other stakeholders to help facilitate clear communication and timely decisions.
2. Review monthly status reports, invoices, and deliverables for consistency with scope and budget and for incorporation into broader CIWW capital accounting and cash flow evaluations.
3. Provide input on regulatory consultation strategies and support communication with relevant agencies.
4. Data Consolidation Oversight –Coordinate data alignment with project standards and track document control.
5. Funding-Strategy Leadership – Develop application timeline, compile environmental data, and perform QC review of all forms.
6. Intended Use Plan (IUP) Package Assistance – Cross-check key project data in IUP package against PER.

For the purposes of estimating the fee for Task 1, it is assumed that Engineer participation will last a duration of 26 months. It is assumed the Engineer will be requested to participate in two (2) meetings per month for the duration of the Scope of Services.

Task 2 – Technical Memorandums, PER, and Pilot Study Review

1. Technical Memorandums 1-5 Review – Conduct internal review of Technical Memorandums; compile consolidated comments and track resolutions.
2. PER review.
3. Review and participate in comment session on the draft pilot study.

AE2S is a multi-disciplinary consulting firm offering numerous business lines including marketing, communications services, engineering, and financial services. This task order gains access to those services as needed, or requested, by CIWW.

FINANCIAL IMPACT:

Expansion Capacity Allocation Support - \$60,000
26 months of Owner's Representative Services - \$145,000

The is an hourly, not to exceed, task order for projects and services that follow the Capacity Expansion Cost Allocation related to the West Plant and Grimes Expansion projects.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Approve AE2S Task Order 2026-1 for General Engineering and Program Management Services

Prepared by: _____

TASK ORDER NO. 2025-3

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated June 25, 2025, Owner and Engineer agree as follows:

1. TASK ORDER DATA

a.	Effective Date of Task Order:	October 1, 2025
b.	Owner:	Central Iowa Water Works
c.	Engineer:	Advanced Engineering and Environmental Services, LLC
d.	Specific Project (title)	West Water Treatment Plant (WTP) and SRF Expansion – Owner’s Representative Services
e.	Specific Project (description):	Provide support to Owner for the West WTP Project. Owner’s Representative services provided in parallel with selected Consultant’s scope.
f.	Related Task Orders	N/A

2. BASELINE INFORMATION

Baseline Information. Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

Specific Project Title: West Water Treatment Plant – Owner’s Rep Services
 Prior Studies, Reports, Plans: Preliminary Engineering Report – Strand Associates, Inc. (Consultant)

3. SERVICES OF ENGINEER (“SCOPE”)

- A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:
 - Scope of Services further defined in Attachment No. 1, incorporated herein by reference.
- B. All of the services included above comprise basic services for purposes of Engineer's compensation under this Task Order, with the exception of Resident Project Representative Services, if any, which are compensated separately.
- C. The services stated in this Task Order will be performed only upon prior authorization by the Owner’s Executive Director or their Designated Representative.
- D. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner's written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, are Additional Services, and

will be compensated by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

4. ADDITIONS TO OWNER'S RESPONSIBILITIES

A. Owner shall have those responsibilities set forth in Article 2 of the Agreement, and the following supplemental responsibilities that are specific to this Task Order: None

5. TASK ORDER SCHEDULE

A. In addition to any schedule provisions provided above or elsewhere, the parties shall meet the following schedule:

Date	Action / Milestone	Comment
May 2028	Owner’s Rep Services – (Tasks No.1-3)	Projected Completion Date as stated by Consultant

6. ENGINEER'S COMPENSATION

A. The terms of payment are set forth in Article 4 of the Agreement.

B. Owner shall pay Engineer for services rendered under this Task Order as follows:

Description of Service	Amount	Basis of Compensation
1. Basic Services	\$205,000.00	
A. Owner’s Representative Services	\$145,000.00	Hourly Not to Exceed
B. Expansion Capacity Allocation Support	\$60,000.00	Hourly Not to Exceed
TOTAL COMPENSATION	\$205,000.00	
2. Additional Services under Section 3.C above	(N/A)	

C. Compensation items and totals based in whole or in part on Hourly Rates are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered.

7. ENGINEER'S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER: NONE

8. ATTACHMENTS:

A. Attachment No. 1 – Owner’s Representative Scope of Services

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Agreement and its exhibits and appendices, which Agreement, exhibits, and appendices are incorporated by this reference.

OWNER:

Central Iowa Water Works

By:

Date:

Name:

Title:

Address for giving notices:

Central Iowa Water Works
4601 Westown Parkway
Suite 122
West Des Moines, IA 50266

Designated Representative:

Name: Tami Madsen

Title: Executive Director

Address:

4601 Westown Parkway
Suite 122
West Des Moines, IA 50266

Phone: (515) 323-6224

Email: tmadsen@ciww.gov

ENGINEER:

Advanced Engineering and Environmental Services, LLC

By:

Date:

Name: Ryan Grubb

Title: Operations Manager

Address for giving notices:

Advanced Engineering and
Environmental Services, LLC
4050 Garden View Drive, Suite 200
Grand Forks, ND 58201

Designated Representative:

Name: Dustin Schultz

Title: Senior Project Manager

Address:

4170 28th Avenue South
Fargo, ND 58104

Phone: (701) 364-9111

Email: Dustin.Schultz@ae2s.com

Attachment No. 1 – Owner’s Representative Scope of Services

This scope of services is structured to align with the selected Consultant’s Task Order No. 25-01 and focuses on oversight, coordination, programmatic financial services, document management, technical review, and other tasks as requested by CIWW. This Task Order also includes the scope of services for member agency demand projections and expansion capacity allocation support.

A. Task 1 – Project Coordination and Administration

Serving in the capacity of CIWW’s Primary Engineering Consultant (Engineer):

1. Participate as requested in project milestone and project progress meetings, and assist in coordination between the Owner, consultant, subconsultants, regulatory agencies, and other stakeholders to help facilitate clear communication and timely decisions.
2. Review monthly status reports, invoices, and deliverables for consistency with scope and budget and for incorporation into broader CIWW capital accounting and cash flow evaluations.
3. Provide input on regulatory consultation strategies and support communication with relevant agencies.
4. Data Consolidation Oversight –Coordinate data alignment with project standards and track document control.
5. Funding-Strategy Leadership – Develop application timeline, compile environmental data, and perform QC review of all forms.
6. Intended Use Plan (IUP) Package Assistance – Cross-check key project data in IUP package against PER.

For the purposes of estimating the fee for Task 1, it is assumed that Engineer participation will last a duration of 26 months. It is assumed the Engineer will be requested to participate in two (2) meetings per month for the duration of the Scope of Services.

B. Task 2 – Technical Memorandums, PER, and Pilot Study Review

1. Technical Memorandums 1-5 Review – Conduct internal review of Technical Memorandums; compile consolidated comments and track resolutions.
2. PER review.
3. Review and participate in comment session on the draft pilot study.

C. Task 3 – Member Agency Demand Projections and Expansion Capacity Allocation Support

1. Update the simplified member allocation spreadsheet and coordinate with members to validate spreadsheet submissions.
2. Compile the updated projections developed by each Member Agency and update the master demand projections spreadsheet.
3. Review updated master projections with Technical Committee leadership to compare and contrast updated demand projections and underlying assumptions submitted by the members to prior adopted CIWW projections.
4. Present draft results to the Technical Committee and Board of Trustees to provide a summary of the initial demand projections and requested treatment allocations.
5. Conduct Member Agency one-on-ones to review and validate the information they submitted.
6. Conducted meeting with capacity allocation working group to review capacity requests and discussed allocation scenario concepts.
7. Develop capacity allocation alternatives for capacity allocation working group review and ranking.
8. Develop an overview presentation and summary memo of compiled projections, requested treatment capacity allocations, allocation alternative results, and allocation alternative rankings.
9. Support Board of Trustees in final selection of preferred allocation alternative.



CENTRAL IOWA WATER WORKS
BOARD OF TRUSTEES ACTION ITEM FORM

Meeting Date: March 25, 2026

ITEM NUMBER: 7F

SUBJECT: Motion – Authorize Executive Director to Execute an Agreement not to exceed \$42,410 – for Aqualytics Smart Water Pilot Program Study.

SUMMARY:

This task order was developed in collaboration with the Water Usage Best Practice Committee. This item has been presented to the Technical Committee as an informational item and has been presented to the Finance and Audit and Executive Committees for recommendation to the Board of Trustees.

Demand-Side Management (DSM) for water utilities means using tools, incentives, and technology to help customers use less water or spread out their water use during busy periods. These strategies can make the water system more reliable, delay the need for costly new infrastructure, and lower long-term operating costs. This could also allow for better management of the water system during times of poor water quality without resorting to a full irrigation ban.

The Smart Watering Pilot Program is one voluntary part of this approach. It tests the assumptions and technology behind DSM before CIWW rolls out a full program. The main goals are to show that the technology can reduce peak water demand, improve system reliability, and support overall water conservation.

The demand side management approach provides the opportunity to meet peak demands more cost effectively and more quickly than traditional capital projects.

As it relates to conservation benefits, other comparable geographies have experienced 20-30%+ savings with implementation of smart landscape irrigation controllers with weather-based intelligence to skip waterings when precipitation has occurred or is forecasted. In addition, the controllers can shorten the watering periods in the shoulder seasons or during weeks of higher cloud cover or less evapotranspiration rates.

FINANCIAL IMPACT:

The pilot project is budgeted for \$42,410. As a part of the annual True-Up process, the Water Producing Member Agencies will return \$3,267,019 to CIWW. It is recommended that a portion of these funds be reallocated to support the pilot study.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Authorize Executive Director to Execute an Agreement not to exceed \$42,410 – for Aqualytics Smart Water Pilot Program Study.

Prepared by: Ami Madsen

Smart Watering Pilot Program Proposal

for Central Iowa Water Works

Date: March 20, 2026

Demand-Side Management (DSM) for water utilities involves using tools, incentives, and technology to shift or reduce customer water consumption during peak periods. DSM strategies can be used to improve system reliability (both in the short-term and long-term), defer capital investments, and/or reduce long-term operational costs.

The **Smart Watering Pilot Program** is one voluntary initiative component within DSM framework designed to evaluate program assumptions and technology performance before CIWW commits to full-scale implementation. The primary objectives are to demonstrate technology's ability to shift peak demands to improve water system reliability and to achieve broader water conservation objectives.

The orange bars in Figure 1 display the total daily demand from a week of peak demand¹ from Sunday, July 31st through Saturday, August 6th, 2022. The peak demand was observed on Thursday, August 4th with over 93 MGD, which was the highest measured peak in the last five years. If CIWW implements a DSM approach that enables a watering delay of ~2 MGD from Thursday to Friday, the hypothetical result² is represented by the blue bars showing a maximum daily demand reduction of approximately 2 MGD.

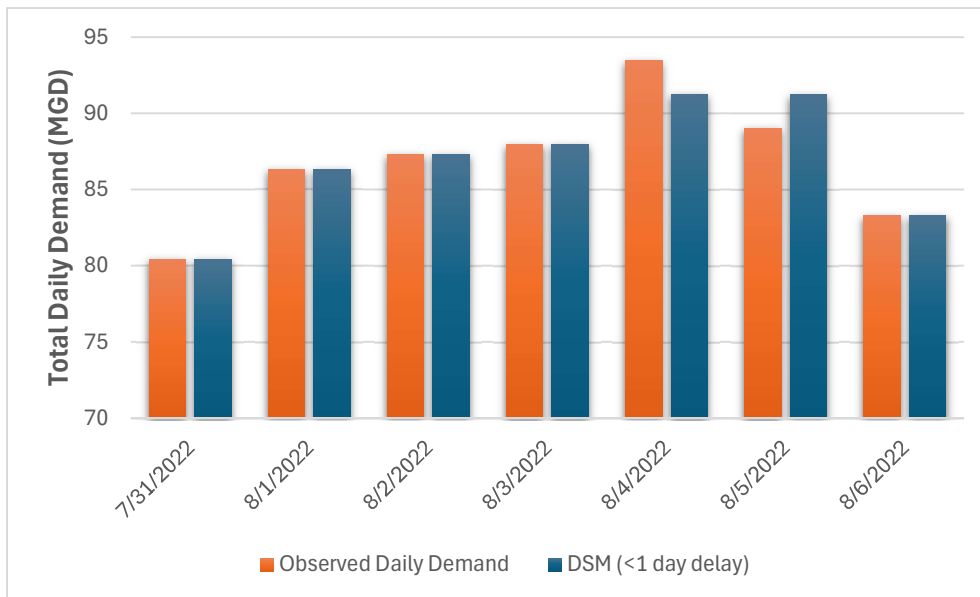


Figure 1 – Hypothetical Demand Side Management Scenario Using 2022 Demand Data

¹ This week was used as the basis for much of the initial modeling for the initial capital planning for CIWW.

² Actual results would depend on the timing of the demands, predictive ability of the model, customer behavior and number of devices deployed on the peak event.

The demand side management approach provides the opportunity to meet peak demands more cost effectively and more quickly than traditional capital projects.

As it relates to conservation benefits, other geographies have experienced 20-30%+ savings³ with implementation of smart landscape irrigation controllers with weather-based intelligence to skip waterings when precipitation has occurred or is forecasted. In addition, the controllers can shorten the watering periods in the shoulder seasons or during weeks of higher cloud cover or less evapotranspiration rates.

Project Tasks:

A. Project Kick-off, Data Acquisition, and Recruitment

- i. Prepare agenda and hold kick-off meeting with relevant stakeholders. Kick-off agenda to include updated schedule for smart watering pilot, data needs in request for information (RFI)⁴, and early action items.
- ii. Develop a homeowner/property owner "Terms and Conditions" agreement template for CIWW review. The agreement is envisioned to be between the owner and Aqualytics LLC to allow data sharing of watering schedules with CIWW and Member Agencies.
- iii. Support CIWW in identifying pilot participants, starting with potential participants that would come to program at lowest cost, which includes:
 - Existing Customers: 3 devices already installed for DMWW (i.e., no additional cost) and Nolte and Sons may have several existing customers that could be included in this Smart Watering Pilot Program. A total of 20 controllers is assumed to be shared and incorporated into the platform (see Task B).
 - Additional participants can be considered if they one of the following Wi-Fi enabled smart landscape irrigation controllers (e.g., Rachio, Netro, Hunter Hydrowise, and Rainbird):
 - Rachio and Netro have publicly supported APIs that are free (e.g., lowest cost to CIWW).
 - Hunter Hydrowise has a publicly supported API that has a moderate cost based on the number of devices under management.
 - Rainbird has recently released a publicly supported API that is higher cost than other alternatives (e.g., approximately \$3/month per device).
 - Existing Hunter Hydrowise customers that do not have Wi-Fi (e.g., requires simple module of approximately \$80-\$90).

³ <https://ascelibrary.org/doi/10.1061/JWRMD5.WRENG-5871>

⁴ The RFI is likely to include hourly demand records from SCADA and other relevant data needed for evaluations in later tasks.

- New customers that are interested in upgrading to a smart landscape irrigation controller at their own cost.
 - Note: A total of 20 controllers is assumed to be shared with Aqualytics and incorporated into the platform (see Task B)⁵. These 20 controllers are not purchased as part of this scope of work.
- iv. Prepare and deliver presentation for Iowa Turfgrass group.

B. Smart Watering Pilot

- i. **Platform Interface Development.** Develop the platform interface for the CIWW Smart Watering Pilot Program. Provide log-in credentials for one user type that can be used to view progress by CIWW staff and one representative from each Member Agency.
- ii. **Smart Programming.** Aqualytics will program the watering schedules and set up weather-based intelligence for 80 devices⁵. The devices will utilize weather intelligence to skip waterings during high precipitation and schedule watering during off-peak windows.
- iii. **Technical Support.** Provide 10 hours of technical support for schedule adjustments and system maintenance.

C. Demand prediction pilot.

Using the past six years of hourly demand records from SCADA historian and publicly available weather/forecast data, train machine learning model to predict the next 36 hours of demand and provide key metrics of the model's predictive ability.

- i. Provide CIWW with the results from the training model on the following metrics:
 - Mean Absolute Error (MAE): Measures the average magnitude of errors in the predictions, indicating accuracy.
 - Percentage in Confidence Interval (% in CI): Indicates how well the predicted confidence interval captures the observed values.
 - Confidence Interval Range (CI Range): Reflects the width of the confidence interval, balancing inclusivity, and precision.
 - Mean Error Growth (MEG): MEG is a configurable parameter that increases the width of the CI for each hour further into the future the model goes.
- ii. Based on training results, recommend a type of machine learning model to implement for a demand prediction pilot.
- iii. Evaluate effectiveness of daily demand predictions for up to 4 weeks within July/August.
 - *Note: The training data will need to be annotated for the dates for which watering restrictions were in place. This will require input from CIWW and potentially technical staff from member agencies that produce treated water.*

D. Program Communications and Coordination

⁵ Scope assumes that 60 devices are purchased as part of the project and another 20 are shared with the Program. Additional devices can be added to the scope at a rate of 20 minutes per controller.

- i. **Public-facing Webpage.** Develop public facing webpage⁶ with basic information on details of CIWW's Smart Watering Program, program rules, frequent asked questions (FAQ), and eligibility information.
- ii. **Digital Agreement Rollout.** Deploy online only "Smart Watering Agreement" to replace paper forms and track acceptance within the application.
- iii. **Yard Signs.** Develop a template for yard signs and provide yard signs (e.g., assumed 80 signs including stakes and delivery to CIWW headquarters) to indicate program participation.
- iv. **Customer Relationship Management.** Maintain consistent records including syncing of initial interest forms from CIWW to a database maintained by Aqualytics. Aqualytics to provide map of interested participants by address to confirm each is within CIWW service territory. Scope assumes a total of 8 hours for this sub-task.

E. Smart Watering Pilot Evaluation to include the following components:

- i. **Peak Demand Evaluation.** Analyze hourly demand across the CIWW system during the week of maximum usage within each of the last 5 years.
 - Compare each year's week of peak demand to 2022 week of maximum demand.
 - Compare each year's week of peak demand to 2025 usage after the watering restrictions were put in place.
- ii. **Peak Identification.** Identify specific days and times of peak demand, as well as "low-usage windows" that may allow for additional watering.
- iii. **Conservation Benchmarking.** Leverage site-level data from Flume Labs flow meters to determine average lawn flow rates for the Des Moines metro area to estimate conservation benefits.
- iv. **Impact Quantification.** Measure water conserved and peak demand mitigated on a per-device basis, summarizing findings and preliminary program sizing recommendations in a presentation.
- v. **Estimate Potential MDD Reduction.** Estimate the total potential reduction in "Max Day Demand" by rebalancing water usage evenly throughout the week.

F. Summary Reporting and Executive Briefing(s) of Results.

- i. Attend monthly Water Usage Best Practice Committee for April through September (e.g., 6 meetings).
- ii. Prepare summary slides for communication to CIWW leadership, management teams, and committees.

⁶ Assumed to be www.aqualytics.us/ciww/smartwateringprogram

- iii. Provide tailored recommendations for individual member agencies regarding future incentive and rebate programs. Identify “priority areas” that have the highest return on investment for the overall CIWW water system.
- iv. Provide summary metrics from software platform for June, July, August, September and the summary for the full watering season (e.g., late May through September 15th).

High-level Schedule Estimate:

Task	Description	April				May				June				July				August				September			
		6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14
Task A	Project Kick-Off and Set-up	KO Meeting RFI #1																							
			CIWW Response to RFI																						
Task B	Smart Watering Pilot			Device Installations / Onboarding																					
					Platform Development																				
Task C	Demand Prediction Pilot																								
Task D	Evaluation																								
Task E	Executive Briefing of Results																								

Table 1: Budgetary Estimate by Task for CIWW Smart Watering Pilot Program

Task	Summary Description	Total
A	Project Kick-off, Data Acquisition, and Recruitment	\$ 4,524
B	Smart Watering Pilot Implementation	\$ 7,656
C	Demand Prediction Pilot	\$ 5,568
D	Program Communications and Coordination	\$ 4,872
E	Smart Watering Pilot Evaluation	\$ 5,568
F	Summary Reporting and Executive Briefing	\$ 5,220
Subtotal for Professional Services		\$ 33,408
	58, Residential Devices (up to 8-zones)	\$ 8,178
	2, Large Property / Commercial (up to 16-zones)	\$ 344
	80, Yard Signs	\$ 480
	TOTAL⁷	\$ 42,410

For existing controllers compatible with the program, Aqualytics will add devices to the CIWW platform created by this scope at a rate of \$87 per device⁸. This rate is available to any of the CIWW Member Agencies for 2026. Additional compatible controllers can be purchased from other local providers or at cost through Aqualytics LLC. The current prices available from Aqualytics LLC for purchasing devices are as follows:

- Rachio Smart Landscape Irrigation Controllers: Rachio has a free publicly supported API.
 - 8-zone controller⁹: \$141 + sales tax
 - 16-zone controller¹⁰: \$172 + sales tax
- Hunter Hydrowise: Local pricing available from Nolte & Sons or others; Aqualytics pricing:
 - Hunter Pro HC 12-station: \$271
 - Hunter charges an annual fee for access to the API, that varies between \$2/device and \$2.80/device per year.
- Netro has available devices for 6-zone (\$119) or 12-zone (\$149), but only has support via email (no phone number for troubleshooting). Netro’s API is free.
- Rain Bird ESP: Local pricing available from Nolte & Sons or others.
 - Rain Bird ESP TM-8 (8-zones) with Wi-Fi module: \$202
 - Rain Bird ESP ME3 (7-zones) with Wi-Fi module: \$248
 - Rain Bird charges a monthly fee for access to their IQ4 API which is \$3/device per month or \$36/device per year.

Prices do not include installation. Aqualytics LLC can provide installation instructions (and videos) for Rachio devices, which were successfully self-installed as part of M.U.D.’s Smart Watering Pilot Program.

⁷ This does not include local sales tax, if applicable, as some entities may be sales tax exempt.

⁸ Aqualytics LLC hourly rate is \$174 for the onboarding and programming of devices. It is estimated that two can be completed per hour for a rate of \$87/device.

⁹ Prices shown show discounts from buying units in bulk (at least 36 units). If 36 are not purchased, we may be able to combine with order from other ongoing programs to keep the prices as low as possible for CIWW.

¹⁰ Prices shown show discounts from buying units in bulk (at least 36 units). If 36 are not purchased, we may be able to combine with order from other ongoing programs to keep the prices as low as possible for CIWW.

Innovative Solutions for Peak Demand Management

March 11, 2026

CIWW Technical Committee Meeting



Challenge: Meeting demand 24/7

Synchronized irrigation patterns create significant peak demands.

Synchronized Watering Schedules

Landscaping companies and homeowners typically set irrigation controllers to run at the same time creating demand spikes

Peaking Factors

In this region, max day factors are often 2 times average day demand.

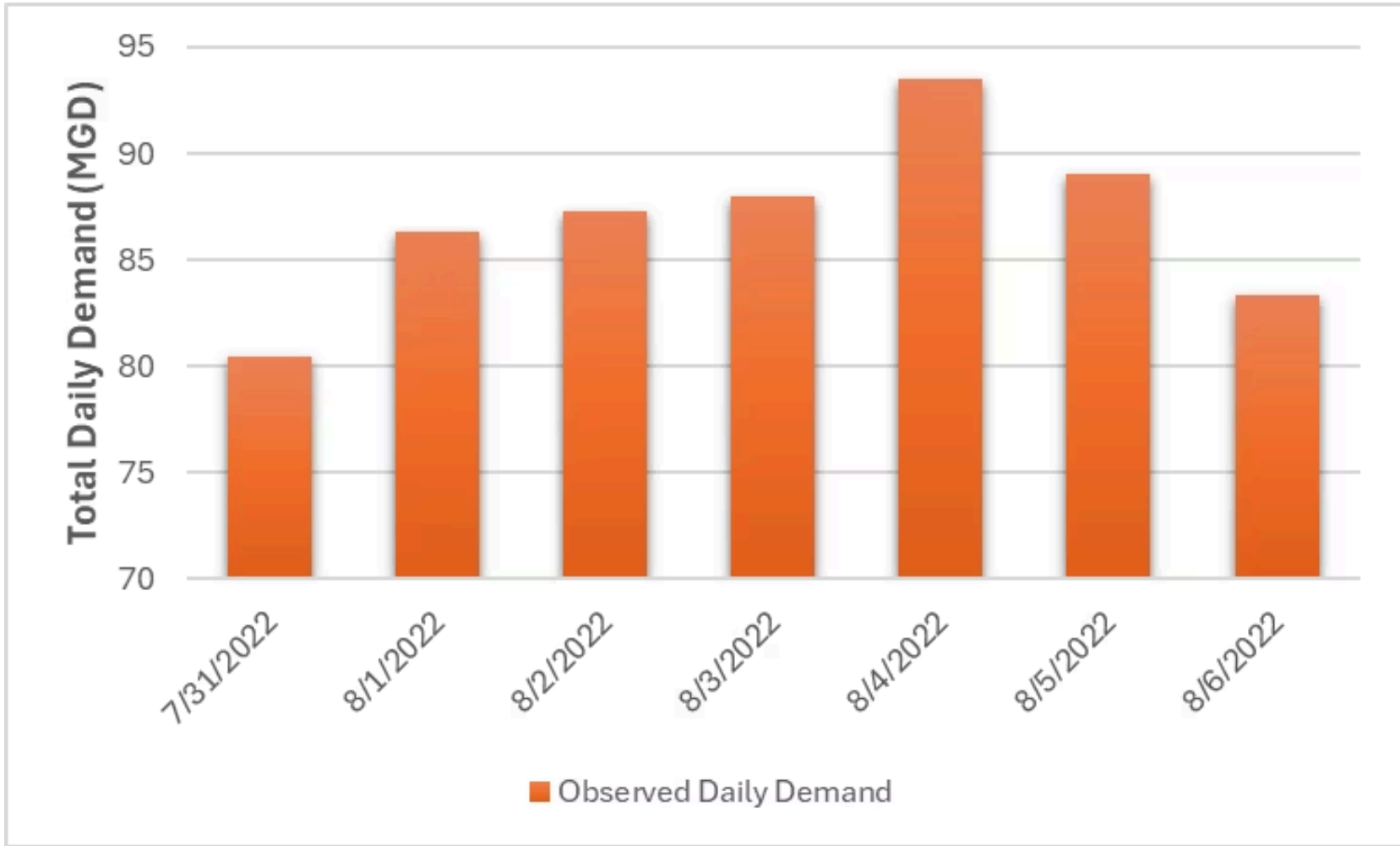
Peak hour factors are sometimes 4-7 times average demand (but almost 10 times the minimum demand in winter).

Capital Cost Impact

These peak demands drive the need for expensive capital facilities

How much extra is grandma on fixed income paying just so that we can water at the same time?"







DEFINITION

What is Demand Side Management?

Demand side management is the strategic modification of end-user consumption profiles to align demand with available system capacity.

Peak Shaving

Reducing maximum demand during critical periods

Load Shifting

Moving consumption to off-peak times.

Conservation

Reducing overall water usage through efficiency



Load Shifting Strategies

Two complementary approaches enable utilities to smooth demand curves and optimize system performance without compromising service quality.



Balancing Day of Week

Distributing irrigation schedules across different days to prevent all customers from watering on the same day, spreading demand more evenly throughout the week.



Shifting Within the Day

Staggering start times for irrigation systems throughout morning and evening hours to eliminate synchronized peaks while maintaining optimal watering windows.

Potential Benefits of Demand Side Management

Implementing strategic demand management delivers measurable value across multiple dimensions—from infrastructure cost savings to enhanced customer satisfaction.



Improved Water System Reliability

Reduce strain on aging infrastructure and minimize risk of service interruptions during peak demand periods.



Cost Savings Through Capital Deferral

Postpone or eliminate expensive infrastructure expansion projects by optimizing existing system capacity.



Water Affordability

Lower rates for customers by reducing utility capital costs and helping homeowners cut water bills by 15-40%+.



Reducing Strain on Aging Mains

Protect existing infrastructure by smoothing pressure fluctuations and reducing stress on deteriorating pipes.



Improved Water Quality

Better flow management reduces stagnation and maintains consistent treatment effectiveness throughout the distribution system.



Water Conservation

Smart irrigation reduces overall consumption while maintaining landscape health through precision watering.



Potential Energy Savings

Reduce pumping costs by shifting demand to off-peak energy hours and optimizing pump operations.



Enhanced Customer Engagement

Build stronger relationships through innovative programs that deliver tangible savings and environmental benefits.



Resilience

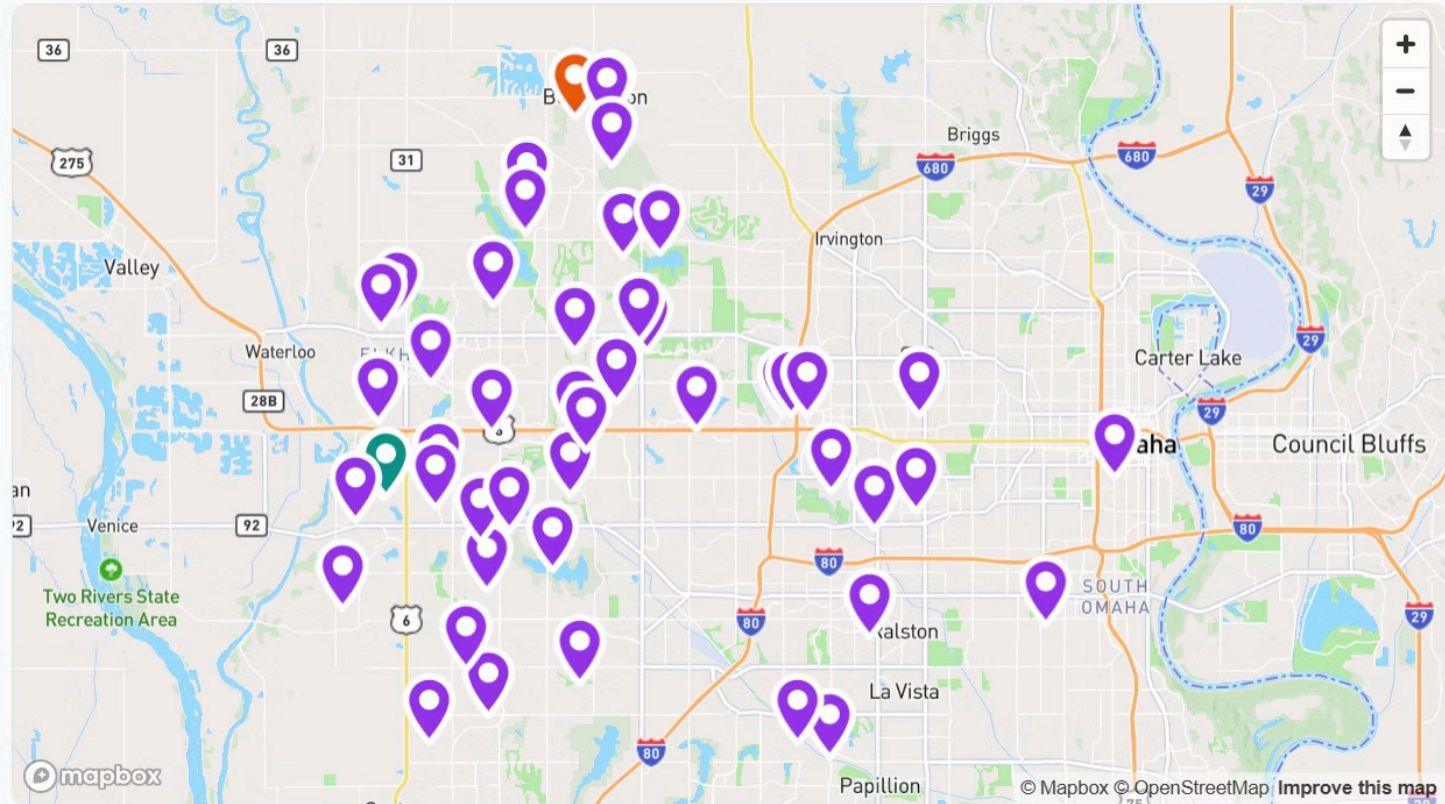
Strengthen system resilience to handle drought conditions, population growth, and climate variability.

Device Map

View and manage your sprinkler devices on an interactive map.

All Devices

51 devices on map



Showing Rachio, Hunter
Hydrawise, and Netro

Will show demo at the end



Summary of Pilot Findings

Our recent pilot program yielded promising results, demonstrating significant improvements in water conservation, peak demand reduction, and overall program value.



Conservation

32% savings in total watering volume across participating sites.



Peak Demand Reduction

Achieved a **0.4 MGD reduction** in peak hour demand from the managed volume of 0.65 MGD.



Program Value

Pilot costs were **less than 1/20th** the cost of new infrastructure required to meet the same peak demand.

Available Technologies

Multiple proven smart irrigation platforms are available today, offering utilities and customers flexible options for implementation across residential and commercial properties.



Residential Controllers

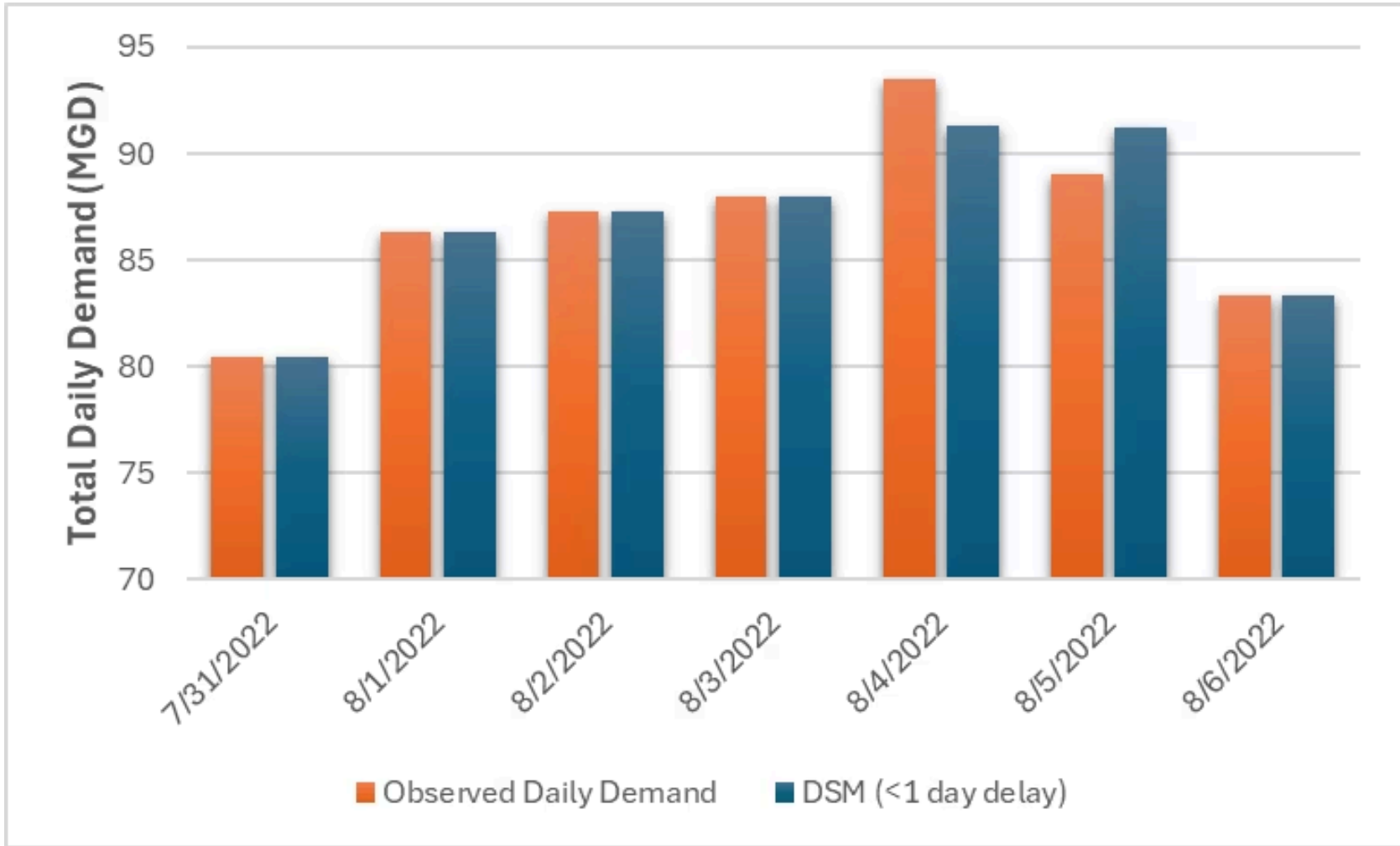
- **Rachio** – Available in 8 or 16 zone configurations with intuitive app interface and EPA WaterSense certification (free API)
- **Hunter Hydrowise** – Scalable solution supporting up to 54 zones with robust weather intelligence and remote management (API comes at a moderate cost)
- **Netro** – Advanced weather prediction and soil moisture optimization (free API; limited support)



Larger & Commercial Properties

- **Hunter Hydrowise** – Enterprise-grade solution supporting up to 54 zones with centralized management capabilities
- **Rainbird IQ4** – Professional-grade controller with comprehensive features, though data access involves additional licensing costs

All platforms integrate with utility demand management programs and provide real-time data for system optimization.



Questions?

Thank you for your time. For any follow-up inquiries, please reach out:

derek@aqualytics.us



🎓 FELLOWSHIP PROGRAM

Google Data Center Community AI Fellowship - Fall 2025 Cohort

Focus: Water Stewardship for Water Utilities

Aqualytics was founded on the conviction that IoT and technology could be leveraged in transformative ways to improve water system reliability while enhancing customer affordability.



I'VE BEEN SELECTED FOR THE

2025

**GOOGLE DATA CENTER
COMMUNITY AI FELLOWSHIP**



Powered by
 **watson**
INSTITUTE



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

Meeting Date: March 25, 2026

ITEM NUMBER: 7G

SUBJECT: Resolution - Approve Amendment to Employment Agreement

SUMMARY:

During the 2025 CIWW audit preparation, it was discovered that the Paid Time Off section was inadvertently omitted from Tami Madsen's employment contract.

The attached amendment corrects the scrivener's error by reinstating the paragraph that was previously approved by the Board of Trustees.

1. Amendment. The Agreement is amended as follows:

a. Section 6 of the Agreement is amended by adding the following as a new Paragraph G. of Section 6:

G. Paid Time Off. In addition to other compensation described herein, the Employee shall receive from the Employer Paid Time Off leave (i.e., vacation leave, sick leave, personal leave, and two floating holidays) in the amount of 35 days for each of the contracted years, and may carryover up to 20 days of Paid Time Off into the next contract year. Paid Time Off may be used at the discretion of the Employee.

FINANCIAL IMPACT:

This is a corrective action, the PTO is already included in the 2026 budget.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Approve Amendment to Employment Agreement

Prepared by: *Tami Madsen*

**RESOLUTION APPROVING EMPLOYMENT AGREEMENT WITH
TAMI MADSEN AS EXECUTIVE DIRECTOR OF CIWW**

WHEREAS, the Board of Central Iowa Water Works previously approved an employment contract with Tami Madsen on November 18, 2025; and

WHEREAS, it has been identified that the contract contains a scrivener's error with respect to the Employee's Paid Time Off, which does not reflect the intended terms agreed upon by the parties; and

WHEREAS, the Board of Trustees finds that correcting this clerical error is necessary to accurately reflect the agreed-upon terms of employment.

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

1. The scrivener's error in the employment contract of Tami Madsen is hereby corrected as follows:
 - a. Section 6 of the Agreement is amended by adding the following as a new Paragraph G. of Section 6:
 - G. Paid Time Off. In addition to other compensation described herein, the Employee shall receive from the Employer Paid Time Off leave (i.e., vacation leave, sick leave, personal leave, and two floating holidays) in the amount of 35 days for each of the contracted years, and may carryover up to 20 days of Paid Time Off into the next contract year. Paid Time Off may be used at the discretion of the Employee.
2. Effectiveness. Except to the extent specifically amended and supplemented hereby, all of the terms, conditions and provisions of the Agreement shall remain unmodified and the Agreement is confirmed as being in full force and effect. This Amendment is retroactive to November 18, 2025.

IT IS FURTHER RESOLVED that the Chair of the CIWW Board is hereby authorized to sign said Agreement.

PASSED AND APPROVED this 25th day of March 2026.

Jody E. Smith, Board Chair

Attest:

Diane Munns, Board Secretary

AMENDMENT TO EMPLOYMENT AGREEMENT

This AMENDMENT TO EMPLOYMENT AGREEMENT (“**Amendment**”) is dated as of the _____ date of _____, 2026, by and between Central Iowa Water Works (“**Employer**”), and Tami Madsen (“**Employee**”).

WHEREAS the parties entered into an Employment Agreement dated November 18, 2025 (the “**Agreement**”).

WHEREAS, the parties desire to amend the Employment Agreement to correct a scrivener's error with respect to Employee's Paid Time Off.

WHEREAS, capitalized terms used but not otherwise defined herein shall have the meanings as set forth in the Agreement.

NOW, THEREFORE, in consideration of the mutual undertakings of the parties hereto, IT IS HEREBY AGREED as follows:

1. Amendment. The Agreement is amended as follows:
 - a. Section 6 of the Agreement is amended by adding the following as a new Paragraph G. of Section 6:
 - G. Paid Time Off. In addition to other compensation described herein, the Employee shall receive from the Employer Paid Time Off leave (i.e., vacation leave, sick leave, personal leave, and two floating holidays) in the amount of 35 days for each of the contracted years, and may carryover up to 20 days of Paid Time Off into the next contract year. Paid Time Off may be used at the discretion of the Employee.
2. Effectiveness. Except to the extent specifically amended and supplemented hereby, all of the terms, conditions and provisions of the Agreement shall remain unmodified and the Agreement is confirmed as being in full force and effect. This Amendment is retroactive to November 18, 2025.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have caused this Amendment to be executed as of the date written above.

EMPLOYEE

Tami Madsen

Date of Signature: _____

EMPLOYER

CENTRAL IOWA WATER WORKS

BY: _____
Jody E. Smith, Chair

Date of Signature: _____

BY: _____
Diane Munns, Secretary

Date of Signature: _____



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

Meeting Date: March 25, 2026

ITEM NUMBER: 8A1

SUBJECT: After-Action Review Update

The supplementary documents will be provided separate from this packet.



Address:
4601 Westown Parkway, Suite 122
West Des Moines, IA 50266
email: info@ciww.gov

Date: March 17, 2026
To: Board of Trustees
From: Tami Madsen, Executive Director
Subject: Item 8A2 Legislative Update

The second funnel week ended Friday, March 20, 2026.

CIWW's legislative affairs team, Dentons, has been actively monitoring 28 bills—or bill versions—on behalf of the organization. The attached PDF provides a summary of each bill, including its status, title, declaration, and most recent action.

Directing the legislative team to “monitor” a bill indicates that updates are being provided on its progress without CIWW formally registering a position in the BillBook. This designation applies to 17 of the bills currently being tracked.

Registering as “Undecided” allows CIWW to remain engaged with legislators and informed as bills move through the legislative process. CIWW is currently registered as Undecided on 10 bills.

CIWW has taken a position in support of one bill, SF 2269. This legislation appropriates funding to Iowa State University of Science and Technology for use by the Iowa Nutrient Research Center to support Iowa's water quality information systems, including \$500,000 for water quality sensors.

SF 2286 (HF 2592), a bill relating to the investment of public funds and associated penalties, is relevant to CIWW due to its participation in the Iowa Public Agency Investment Trust (IPAIT). The bill has been closely monitored and, given the extent of recent amendments, is not expected to advance this session.

HF 2642, a bill relating to the use and withdrawal of Iowa's surface and groundwater resources, including permitting requirements, did not advance. The legislation proposed changes to the water permit prioritization process and was later amended to include provisions related to distilleries.

SF 2375, a bill relating to firefighting foam purchased by state agencies, was supported by CIWW due to its source water protection characteristics and backing from firefighting

organizations. However, industry stakeholders later requested that the bill be withdrawn from consideration this session to allow for additional research in firefighting effectiveness.

HF 2530, a bill requiring the Department of Natural Resources to identify specific animal sources of pollutants when determining whether a water body is included on the impaired waters list (formerly HSB 657), was monitored by Dentons for its funding implications and potential impact on the impaired waters listing process. The bill did not advance this session.

As the session enters its final weeks, CIWW has successfully established the strong connections it set out to build during the 2026 legislative session. The organization has effectively educated legislators on its role, the communities it serves, its 2026 priorities, and the necessity of the lawn watering ban in maintaining reliable water service for more than 600,000 central Iowans. More importantly, legislators and other key stakeholders have come to rely on CIWW as a trusted source of information and increasingly recognize the organization as an expert on water and regional issues.

Looking Ahead:

Dentons is supporting CIWW in ongoing coordination with state and federal legislators to pursue funding opportunities for nitrate-resilient water treatment infrastructure and technology. These efforts are intended to position CIWW for potential funding consideration during the 2027 legislative session, should the Board choose to prioritize this initiative.

Dentons is also scheduling additional meetings with gubernatorial candidates to highlight Central Iowa Water Works, the work of its member agencies, and the key issues affecting the region.

In preparation for the interim, Dentons is compiling recommendations for a work plan to guide continued engagement and strategy development.

Initial work has begun to identify CIWW's 2027 legislative priorities, alongside early planning for 2027 legislative events.

Status	Bill Name	Title	Declaration	Latest Bill Action
Alive	SF 2418	A bill for an act relating to drainage districts and levees, including district parcel records.(Formerly SF 2349.)	Monitor	03/19/2026 Placed on calendar.
Alive	HF 2490	A bill for an act relating to public notice requirements for meetings of a governmental body.(Formerly HSB 578.)	Monitor	03/19/2026 Placed on calendar.
Alive	SF 2286 (HF 2592)	A bill for an act relating to the investment of public funds, and making penalties applicable.	Monitor	03/19/2026 Placed on calendar.
Alive	HF 2592 (SF 2286)	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.
Alive	HF 2581 (SF 2304)	A bill for an act establishing procedures for system enhancement of infrastructure, including for development of ratemaking principles permitted for recovery costs of certain investments in infrastructure by water and wastewater utilities.(Formerly HF 2032.)	Monitor	03/19/2026 Placed on calendar under unfinished business.
Alive	SF 2304 (HF 2581)	A bill for an act establishing procedures for system enhancement of infrastructure, including for development of ratemaking principles permitted for recovery costs of certain investments in infrastructure by water and wastewater utilities.(Formerly SSB 3068.)	Undecided	03/19/2026 Placed on calendar under unfinished business.

Alive	SF 2394 (HF 2667)	A bill for an act relating to a statewide urban design and specifications board, including assessment of costs for local government projects that do not comply with the board's design or specifications manuals.	Undecided	03/19/2026 Placed on calendar under unfinished business.
Alive	HF 2667 (SF 2394)	A bill for an act relating to a statewide urban design and specifications board, including assessment of costs for local government projects that do not comply with the board's design or specifications manuals.(Formerly HSB 744.)	Undecided	03/19/2026 Placed on calendar under unfinished business.
Alive	HF 936	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.
Alive	HSB 596	A bill for an act relating to local government taxes, budgets, and authority, by establishing property tax limitations and modifying provisions relating to the assessment and taxation of property, certain taxpayer notices, bond issuances, and councils of governments, and including applicability and retroactive applicability provisions.	Monitor	03/18/2026 Committee vote: yeas, 19, nays, 6, excused, 0.
Alive	SF 2472	A bill for an act relating to state and local government taxes, fees, financial authority, and budgets, modifying divisions of revenue, modifying appropriations, and including effective date, applicability, and retroactive applicability	Monitor	03/16/2026 Introduced, placed on Ways and Means calendar.

Alive	HF 2732 (D)	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.
Alive	HF 2733 (D)	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.
Alive	SSB 3183	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.
Alive	HF 2223 (D)	A bill for an act relating to local and state government finances by modifying provisions relating to homestead property tax credits, providing a residential property tax rebate, modifying provisions relating to retirement systems, making appropriations, and including applicability provisions.	Monitor	03/04/2026 Subcommittee: Nordman, Jacoby and Lundgren.

Alive	HSB 755 (SSB 3103)	A bill for an act relating to matters under the purview of the economic development authority, the utilities commission, and the department of development for growth and employment program, and the business incentives for growth program training fund; repeal of the new jobs tax credit program; the major economic growth attraction program; load forecasting and analysis of electric transmission system expansion plans; creation of the electric transmission system expansion planning and analysis and load forecasting fund; the industrial new jobs training program; and including effective date provisions. education, including creation of the headquarters expansion and	Monitor	03/04/2026 Subcommittee recommends passage.
Alive	SF 2214 (HF 2228)	A bill for an act relating to the installation of transmission lines on highway rights-of-way. (Formerly SSB 3063.)	Monitor	03/02/2026 Passed House, yeas 90, nays 0.
Alive	HF 2687	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.
Alive	HF 2588	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.

Alive	SF 2269 (D)	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.
Dead	SF 2438	A bill for an act relating to city utilities including landlord notification.(Formerly SSB 3128.)	Monitor	03/18/2026 Subcommittee recommends passage.
Dead	HF 2642	A bill for an act relating to the use and withdrawal of Iowa's surface and groundwater resources, including permitting requirements.	Monitor	03/18/2026 Subcommittee recommends indefinite postponement.
Dead	HF 2638	A bill for an act relating to public records, including employment separation information for certain government employees, contractors, or appointees.(Formerly HF 2388.)	Monitor	03/17/2026 Subcommittee: Rozenboom, Schultz, and Winckler.
Dead	SF 2375	A bill for an act relating to firefighting foam purchased by state agencies.	Monitor	03/12/2026 Read first time, referred to Local Government.
Dead	HF 2690	A bill for an act relating to water and energy use for data centers, including reporting and tariff requirements, and including effective date provisions.(Formerly HF 2447.)	Monitor	03/12/2026 Amendment H-8214 filed.
Dead	HF 2511 (SF 2111)	A bill for an act relating to statewide resilience planning, including the development, implementation, and periodic updating of an Iowa state resilience plan.(Formerly HF 2158.)	Undecided	03/03/2026 Subcommittee: Zumbach, Shipley, and Staed.

Dead	HF 2530	A bill for an act requiring the department of natural resources to identify specific animal sources of pollutants to a water of the state when determining the water's inclusion on a list of impaired waters.(Formerly HSB 657.)	Undecided	02/16/2026 Introduced, placed on calendar.
Withdrawn	HF 2228 (SF 2214)	A bill for an act relating to the installation of transmission lines on highway rights-of-way.(Formerly HF 736.)	Monitor	03/02/2026 Withdrawn.



Address:
4601 Westown Parkway, Suite 122
West Des Moines, IA 50266
email: info@ciww.gov

Date: March 17, 2026
To: Board of Trustees
From: Tami Madsen, Executive Director
Subject: Item 8A3 Project Reports

As Central Iowa Water Works continues to grow and mature, it is important to provide timely, transparent information to committees and trustees in a manner that enables them to effectively share updates with their stakeholders.

The attached project progress reports represent an initial step toward this effort. Future iterations of this report will have brief explanations of what the projects are, how they contribute to the system, and will define unclear technical terms.

The three reports attached represent the new West Plant, the Grimes Expansion, and the Saylorville Water Treatment Plant 10MGD Expansion.

As the West Plant and Grimes Plant projects are in the early stages, less information is available compared to the Saylorville Water Treatment Plant report. Key elements, including project schedules, will be updated as additional information becomes available.



PROJECT PROGRESS REPORT

To: CIWW Technical Committee

From: West Des Moines Water Works

Date: March 11th, 2026

Project Name: West Plant

Project Progress Summary

Work Activities Performed (Last Month):

- Biweekly meetings continue with design team.
- Source water investigation continued.
- Membrane manufacturers began returning Requests for Information to Strand Engineering.
- West Plant site evaluations continue. Design team met on March 9th to discuss distribution tie-in to West Plant. This will give Strand additional information to compare costs of different site options.

Work Activities to be performed (Coming Month):

- Receive remaining equipment RFI's from manufacturers
- Schedule membrane water plant tours
- Strand having discussions with Mid-American about getting electricity to prospective West Plant sites
- Discussions with City of West Des Moines about prospective sewer connections to West Plant
- 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, Executive Director

Date: March 6, 2026

Project Name: Grimes Water Treatment Plant Expansion

Project Progress Summary

Work Activities Performed (Last Month):

- Grimes Water Treatment Plant Open House – February 25, 2026
- Drafted Groundwater Model Peer Review Document
- Drafted Primary Disinfection Evaluation
- Project Meeting held March 9th – reviewed attached Groundwater Model Peer Review Document and Primary Disinfection Evaluation
- Water Use Permit application has been submitted
- Conducted modeling and assessments for connection point between Grimes and Urbandale

Work Activities to be performed (Coming Month):

- Continue with modeling and evaluating connection point between Grimes and Urbandale
- Final technical memorandum presented for Primary Disinfection Evaluation
- Blended Finished Water Quality Stability Analysis Technical Memorandum drafted
- Draft CIWW Expansion CIP line for Grimes Expansion

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



PROJECT PROGRESS REPORT

To: CIWW Technical Committee

From: Lindsey Wanderscheid

Date: 3/11/2026

Project Name: SWTP 10 MGD Expansion

Project Progress Summary

Work Activities Performed (Last Month):

- Completed Topographic survey for raw water main and access corridor
- Progressed 30% design drawings
- Evaluated high-service pumping curves for Johnston and Ankeny pressure zones
- Completed assessment of yield on vertical wells along Des Moines River and NW 26th Street
- Coordination with Wigen on RO and UF procurement

Work Activities to be performed (Coming Month):

- Coordination between HDR and Traut on Phase II ESA drilling and sampling activities.
- Continue working towards 30% design of Water Treatment Plant.
- Review mechanical and electrical submittals 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.

PROJECT PROGRESS REPORT

- Water Treatment Plant – Bid End of 2026, Construction Dec 2026 - Feb 2029
- 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: March 25, 2026

ITEM NUMBER: 8A4

SUBJECT: Capacity Allocation Discussion

SUMMARY:

Advanced Engineering and Environmental Services (AE2S) was engaged to develop recommendations for allocating available capacity from the West plant and 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 is now complete, and a method has been selected for recommendation to the Board of Trustees. Please see the attached packet for a memo and supporting documents describing the process, the alternatives, and the recommendation.

FINANCIAL IMPACT:

The debt associated with the water allocations will be assigned to the Member Agencies in accordance with the principles outlined in the 28E Agreement, including Article V, Section 7, "Cost of Member Agency-Funded Capital Expansion."

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Discuss the recommendation for action at the April board meeting.

Prepared by: Ami Madsen



Address:
4601 Westown Parkway, Suite 122
West Des Moines, IA 50266
email: info@ciww.gov

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

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
Total	18.31	15.30	15.30	15.30	15.30	15.30	30.03

*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

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
Total	18.31	15.30	15.30	15.30	15.30	15.30	30.03

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.

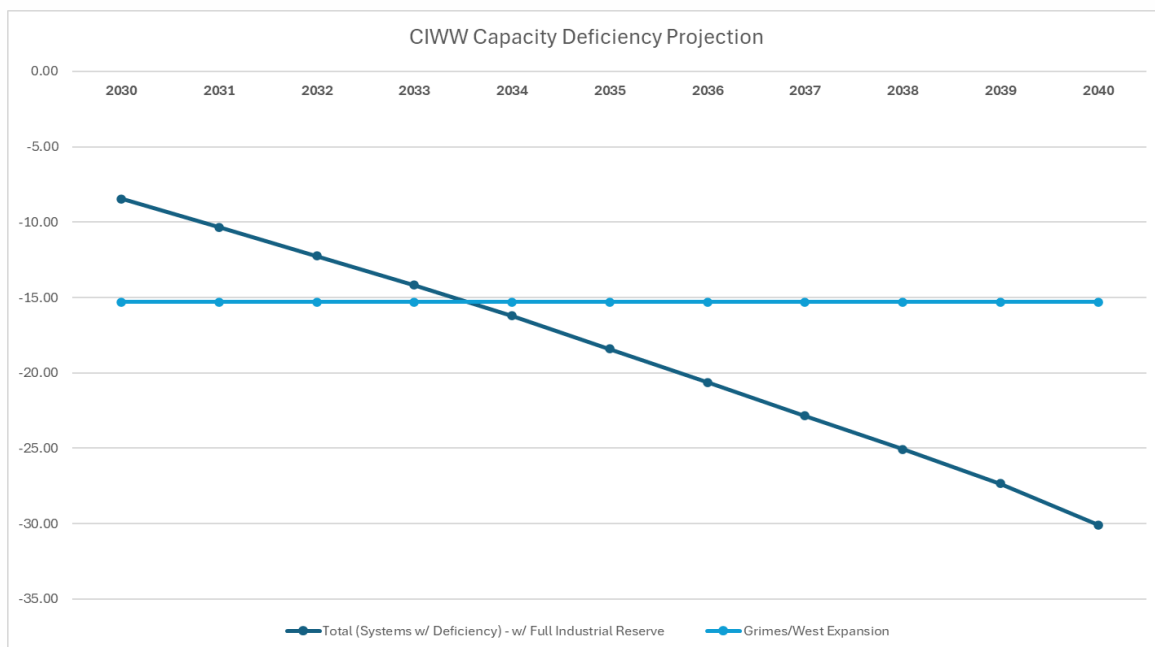


Table 4 – CIWW Capacity Deficiency Demand Projections (MGD)





Member Capacity Allocation Alternatives for Grimes and West WTP Expansions

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
Totals	(1.58)	17.71	(25.54)	28.46

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	0.873	0.50	(1.457)	1.00
City of Johnston	(0.671)	1.70	(2.975)	1.70
City of Norwalk	(0.781)	1.781	(3.563)	3.563
City of Polk City	0.194	0.10	(0.378)	0.10
Urbandale Water Utility	0.127	0.75	0.199	0.75
Warren Water District	(0.526)	0.50	(0.732)	0.75
City of Waukee	0.046	1.00	(3.522)	1.50
West Des Moines Water Works	(2.380)	2.38	(7.270)	7.27
Xenia Rural Water District	0.957	0.00	0.588	0.00
Totals	(1.70)	18.31	(29.30)	30.03

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
Total	110.17	16.53	126.70	144.50	17.80

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
Total	26.33	3.51	22.83	100.00%	11.79	15.30



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
Total	7.70	12.50

* 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	0.65	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	2.38	5.35	25.95%	3.97
Xenia Rural Water District	0.00	0.75	0.00	0.00	0.00	0.00%	0.00
Total	26.33	12.50	17.58	3.03	20.61	100.00%	15.30



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
Totals	134.500	100.000%	100.000%	\$14,314,860	\$144,739,140	\$159,054,000	100.000%	10.000

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
Total	144.50	173.80	30.09	100.00%	15.30



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

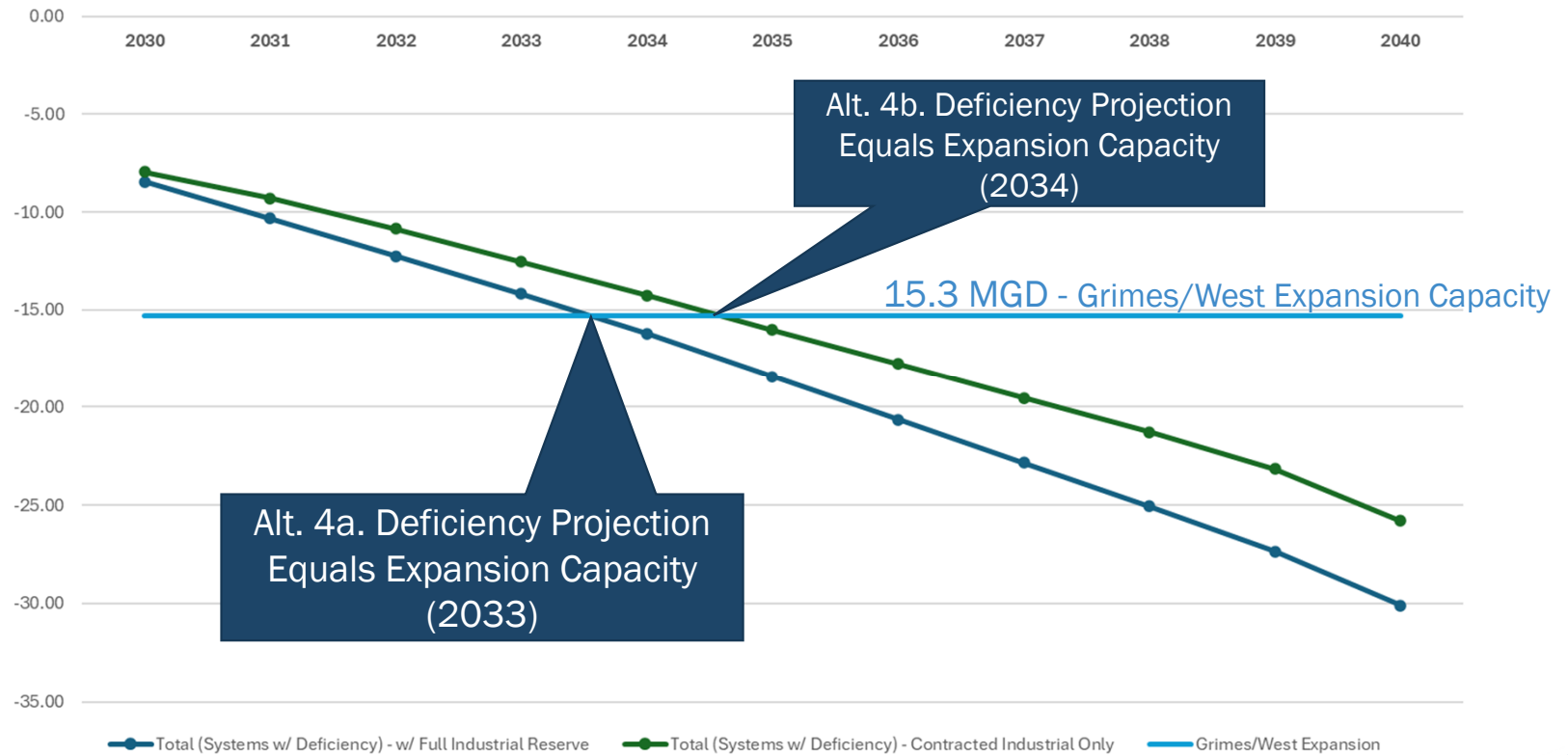
Alt. 4a - Capacity Deficiency Projection

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
Total (Systems w/ Deficiency) - w/ Full Industrial Reserve	-8.45	-10.33	-12.26	-14.18	-16.20	-18.42	-20.63	-22.85	-25.07	-27.35	-30.09

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
Total	15.30	15.30



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
Total	18.31	15.30	15.30	15.30	15.30	15.30	30.03



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					
Weighted Ranking	2.00	3.88	3.50	2.75	2.88



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: March 25, 2026

ITEM NUMBER: 8C1

SUBJECT: Presentation of Proposed Bylaw Amendments (to be approved at future Board meeting)

SUMMARY:

At the January 28, 2026, Board of Trustees meeting, Chair Smith requested Trustees submit any proposed revisions to the CIWW bylaws. A similar request was made to the Technical Committee at its February meeting.

The attached document reflects the recommended revisions received over the past several weeks.

Key changes include:

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.

New Section:

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.

FINANCIAL IMPACT:

None

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

Review the proposed changes in preparation for approval at a future board meeting.

Prepared by: Ami Madsen

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 aAgenda 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