



Board of Commissioners
Thursday, April 11, 2024
2:00 p.m.

Board of Commissioners
Central Arkansas Water

AGENDA

2:00 p.m.
Thursday, April 11, 2024
James T. Harvey Administration Building
221 East Capitol Avenue
Little Rock, Arkansas

CAW board meetings are open to in-person attendance by the public unless a Public Health Emergency is declared in Pulaski County.

CAW will continue to provide a means for the public to attend online.

1. *You can view the meeting electronically (link provided below):*

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDJmM2l1ZjEtZTgzNS00YjI2LWEzNWItZDA0NzlwZWY2MTIm%40thread.v2/0?context=%7b%22Tid%22%3a%2267874a8a-3e8f-4d6e-b9dc-d3d8a6a8dc56%22%2c%22Oid%22%3a%22f84c6384-c073-4199-aa81-14a76f8efd2f%22%7d

2. *The public may submit written comments and questions or request an opportunity to address the Board of Commissioners for up to 3 minutes on any subject relevant to CAW during the public comment period by emailing PublicComments@carkw.com no later than 11:00 am prior to the meeting. If you request to speak virtually, when your name is called by the Chair you should “raise your hand” in Microsoft Teams and then your microphone will be unmuted. Written comments and questions will be provided to the Commission before the meeting.*

1. **CALL TO ORDER** *(Chair Barth)*

2. **APPROVAL OF MINUTES** *(Chair Barth)*

- a. **March 14, 2024, Regular Meeting**

3. **PUBLIC COMMENT PERIOD** *(Chair Barth)*

4. **FINANCIAL REPORT** *(Cynthia Edwards, Director of Finance)*

5. **NON-CONSENT AGENDA** *(Chair Barth)*

- a. **Approve the CAW 2023 Annual Comprehensive Financial Viability Financial Report** *(Cynthia Edwards, Director of Finance)*

Staff requests Board approval of the CAW 2023 Annual Comprehensive Financial Report. Representatives from Forvis will be available to review the draft 2023 report.

b. Resolution of Intent to Issue Water Revenue Bonds Series 2024B *(Cynthia Edwards, Director of Finance)* **Financial Viability**

Staff requests Board approval of a Resolution of Intent to issue Water Revenue Bonds Series 2024B not to exceed \$23,270,000 for capital improvements including water distribution and transmission line projects, water production and distribution equipment projects, and administration building projects. Adoption of this Resolution does not obligate CAW or the Board in any way. It is merely a required preliminary step.

c. Resolution of Signatory Authority and Resolution of Intent to Issue Water Revenue Bonds Series 2024C *(Cynthia Edwards, Director of Finance)* **Financial Viability**

Staff requests Board approval of a Resolution of Signatory Authority and a Resolution of Intent to issue Water Revenue Bonds Series 2024C not to exceed \$1,000,000 for capital improvements including establishing a service line inventory per the requirements of the 2021 Lead and Copper Rule Revision. Adoption of this Resolution does not obligate CAW or the Board in any way. It is merely a required preliminary step.

6. INFORMATION SHARING

a. Lake Management Update *(Sharon Sweeney, Water Quality Manager)*

b. Operations Update *(Blake Weindorf, Chief Operating Officer)*

7. BOARD BRIEFING *(Tad Bohannon, Chief Executive Officer)*

8. ADJOURN *(Chair Barth)*

DEPARTMENT REPORTS

- a. [Finance](#)
- b. [Customer Service](#)
- c. [Engineering](#)
- d. [Distribution](#)
- e. [Sustainability and Facilities](#)
- f. [Water Production](#)
- g. [Watershed](#)

Minutes of a Regular Meeting
Board of Commissioners
Central Arkansas Water

March 14, 2024

The Board of Commissioners of Central Arkansas Water (CAW) convened in a regular meeting at 2:00 p.m. on Thursday, March 14, 2024, via Teams and in the Board Room of the James T. Harvey Administration Building located at 221 East Capitol Avenue, Little Rock, Arkansas.

Present:

Ms. Carmen Smith, Vice Chair
Mr. Jay Hartman, Secretary/Treasurer
Mr. Kevin Newton, Commissioner
Mr. Jim McKenzie, Commissioner
Mr. Anthony Kendall, Commissioner

Via Teleconferencing:

Dr. Jay Barth, Chair
Ms. Kandi Hughes, Commissioner

CAW Staff in Attendance:

Mr. Tad Bohannon, Chief Executive Officer
Mr. David Johnson, General Counsel
Mr. Blake Weindorf, P.E., Chief Operating Officer
Ms. Jo Courtney, Chief Administrative Officer
Ms. Cynthia Edwards, Director of Finance
Ms. Lauren Schallhorn, Controller
Ms. Linda Smith, Director of Sustainability and Facilities
Mr. Danny Dunn, Director of Distribution
Mr. Jim Ferguson, P.E., Director of Engineering
Ms. Liz Tuck-Rowan, Purchasing Manager
Ms. Bridgette Johnson, Buyer II
Mr. David Hindman, Buyer III
Mr. Alex Harper, GIS Manager
Mr. Andrew Pownall, P.E., Senior Engineer
Mr. Allen Vincent, Director of Information Services
Ms. Alecia Patton, Business Applications Manager
Mr. Jeff Eades, Infrastructure Manager
Ms. Heide Harrell, Director of Communications
Mr. Doug Shackelford, Public Affairs Officer
Ms. Mary Dyson, Executive Assistant

CAW Staff via Teleconferencing:

Ms. Angeline Huey, Senior Accountant
Mr. Brooks Lee, Business Analyst
Ms. Denise Clay, Senior Project Manager
Mr. Doug Farler, Operations Manager
Mr. Doug Graham, Optimization Manager

Mr. Fred Washington, Information Services Technician II
Ms. Jane Hurley, Education & Outreach Specialist
Mr. Jason Lowder, Engineering Technician
Mr. Joe Ginn, Information Services Technician I
Mr. Jordan Small, Senior Accountant
Mr. Kevin Hall, Director of Environmental Health and Safety
Ms. Lisa Luyet, Senior Business Analyst
Mr. Patrick Greene, Customer Service Field Manager
Mr. Sam Zehtaban, Director of Water Production
Ms. Samantha Williams-Davis, Communications Specialist & Brand Manager
Ms. Sharon Sweeney, Water Quality Manager
Ms. Sonia Leszczyna, Human Resource Administrator
Ms. Suzette Ginn, Communications Assistant
Ms. Tamara Gill, Human Resources Generalist
Ms. Teletha Leonard, Director of Human Resources
Mr. Terry Frazier, Director of Customer Service

Also, in Attendance:

Mr. Aaron Benzing, Hawkins-Weir
Mr. Austin Anderson, Hawkins-Weir
Mr. J. Shepherd Russell, III, Bond Counsel, Friday, Eldredge & Clark LLP
Mr. Joe Flaherty, AR Dem-Gaz
Mr. Virgil Miller, Little Rock Board of Director/Liaison to CAW Commission

Also, in Attendance via Teleconferencing:

Mr. Jordan Johnson, JPJ Consulting, LLC

CALL TO ORDER

Vice Chair Smith called the meeting to order at 2:00 p.m.

APPROVAL OF BOARD MINUTES

Upon a motion duly made by Commissioner Kendall and seconded by Commissioner McKenzie, the minutes of the February 22, 2024, Regular Meeting and March 7, 2024, Special Called Meeting were unanimously approved, as amended.

PROCUREMENT MONTH RECOGNITION

Ms. Edwards introduced Central Arkansas Water's ("CAW") Procurement Team, discussed their work processes, and thanked them for their service.

PUBLIC COMMENT PERIOD

Director Miller commented that the City of Little Rock Board of Directors had their agenda meeting this past Tuesday and there was a Resolution to authorize the Little Rock Water Reclamation Authority ("LRWRA") to enter into a maintenance contract with CAW for the Wrightsville Gravity Sewer Collection System; consideration of that the Resolution is being postponed until the City of Little Rock Attorney or his designee can review, analyze, and opine on that contract to see if there are any long term legal repercussions for the city.

FINANCIAL REPORT

Ms. Schallhorn provided a year-to-date financial update on utility operations. And provided an update on the Governmental Accounting Standards Board.

MODIFY AGENDA

Vice Chair Smith stated that staff requested item 6(b), "Resolution Finding that the Procurement of a Web-Based Construction Project Management Software is an Exceptional Situation for which Competitive Bidding Procurement is Neither Feasible nor Practical", be moved to non-consent for discussion.

CONSENT AGENDA

West Pulaski Water Main Extension – Phase 1B – Ferndale to 4-H Center

Staff requested Board approval of a construction contract with Diamond Construction in the amount of \$1,124,000.00 for installation of 6,635 linear feet of 8-inch water main and appurtenances. The West Pulaski Water Main Extension expands the CAW service territory to the Ferndale/West Pulaski area.

ArcGIS Cloud Implementation

Staff requested Board approval of service contracts in the amount of \$449,462.36 with SHI and CyberTech for the upgrade and replacement of CAW's Geographic Information System environment through the acquisition of a web-based enterprise environment.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Newton, after due consideration and discussion, the consent agenda was unanimously approved.

NON-CONSENT AGENDA

Resolution Finding that the Procurement of a Web-Based Construction Project Management Software is an Exceptional Situation for which Competitive Bidding Procurement is Neither Feasible nor Practical

Mr. Johnson explained that Arkansas law generally requires competitive bidding and the acceptance by CAW of the lowest bid for goods and services. Mr. Johnson said that the procurement and complexity of web-based construction project management software, however, requires consideration also of a provider's qualifications. Mr. Johnson stated that, upon a finding by the Board that the procurement of a web-based construction project management software is an exceptional situation for which competitive bidding is neither practical nor feasible, staff would be permitted to consider providers' qualifications.

Ms. Patton provided details on the web-based construction project management software and requested Board consideration of the question of the presence of an exceptional situation for which competitive bidding procurement is neither feasible nor practical for this purchase.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Hartman, the Board found that the procurement of a web-based construction project management software is an exceptional situation for which competitive bidding is neither feasible nor practical and the Resolution was unanimously approved.

Discussion Concerning Wrightsville Agenda Items

Mr. Bohannon stated that the next three items are in a specific order to establish the rates needed to repay the bond issue, the proceeds of which will be used to pay the contractor. The fourth contract is for the agreement with Little Rock Water Reclamation Authority (“LRWRA”) to provide services for the underground assets. Mr. Bohannon stated that he still requests that the Board consider and approve that contract as an act of solidarity with our sister agency LRWRA; LRWRA’s Commission unanimously approved the contract last week. Mr. Bohannon confirmed Director Miller’s description of the action taken at the City of Little Rock Board of Directors meeting. Mr. Bohannon noted that LRWRA’s participation in the Wrightsville project is not required for a successful project.

Chair Barth asked about time sensitivity and concerns about the status of LRWRA issue and asked Mr. Bohannon to discuss why this has to be considered today. Mr. Bohannon responded that CAW has been working on this project for over a year and that CAW has to issue a notice to proceed by the end of the month to obtain the grant for five million dollars to make this project financially viable.

Commissioner Kendall asked if the Rates presented today only work if CAW receives the grant, and Mr. Bohannon answered that is correct.

Wrightsville Rate Resolution

Ms. Edwards presented the rates for residential, commercial, and wholesale customers of the Wrightsville wastewater system and requested Board approval of the Rate Resolution establishing rates and a debt surcharge for the Wrightsville wastewater service area.

Chair Barth asked what percentage of the rate amount for repayment for recovering the cost comes from the Department of Corrections and what happens if the facility closes or relocates. Mr. Bohannon responded sixty-seven percent and said that there is a provision in the contract that provides that the Department of Corrections must play its part in repaying the debt.

Chair Barth stated that he is incredibly sympathetic to the needs of the community and incarcerated individuals, but he would prefer it if more issues were fully resolved. Chair Barth stated that he has a strong preference that the partnership with LRWRA continue. Chair Barth also stated that he is concerned about pulling our employees into areas where they may not have the time or expertise to do as well as they like. Chair Barth then stated that he would vote present on this vote and the ones to follow because he does not have the level of confidence about this situation that he would like to have while nonetheless recognizing the sincere needs of the community and those affected.

Mr. Weindorf responded that CAW would rely more heavily on Hawkins-Weir as engineer and construction manager than CAW has done on other capital projects. Mr. Weindorf observed that CAW does have some staff excited about helping Wrightsville and they are looking forward to the operations.

Commissioners Hartman and Hughes expressed separate concerns related to staff availability and the City of Little Rock’s questions. Commissioner Hartman said that he wants to make sure that we are not taking away from providing good quality water because that is what we are here to do. Commissioner Hartman said that he puts a lot of faith in the staff that has recommended that CAW do this project and I do not have an issue with the staff’s recommendation. Commissioner Hughes asked for clarification of the City of Little Rock’s concerns.

Commissioner Kendall responded that the bottom line is that, whether or not CAW undertakes the project or someone else does, Wrightsville customers are going to lose the grant opportunity that CAW can get for them if CAW moves forward.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Newton, after due consideration and discussion, the Wrightsville Rate Resolution was approved on a 6-1 vote. The Commissioners voting aye were Vice Chair Smith, Secretary/Treasurer Hartman, Commissioners McKenzie, Kendall, Hughes, and Newton. Chair Barth voted present.

Resolution Authorizing the Issuance of Wastewater Revenue Bond (Wrightsville Wastewater) Series 2024A

Ms. Edwards presented on bond terms and funding breakdown and requested Board approval of Resolution authorizing the issuance of Wastewater Revenue Bond (Wrightsville Wastewater), Series 2024A in the amount of \$10,893,000 to finance the consolidation of and needed capital improvements to the Wrightsville wastewater system.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Newton, after due consideration and discussion, the Wrightsville Rate Resolution was approved on a 6-1 vote. The Commissioners voting aye were Vice Chair Smith, Secretary/Treasurer Hartman, Commissioners McKenzie, Kendall, Hughes, and Newton. Chair Barth voted present.

Construction Manager Guaranteed Maximum Price (“GMP”) Contract for Wrightsville Wastewater System Improvements

Mr. Ferguson requested Board approval of a construction services contract with Max Foote Construction Co., LLC, providing a GMP in the amount of \$12,243,000.00 for the Wrightsville wastewater system improvements. This contract will be paid from the proceeds of the 2024A Bond and ANRC/ARPA grant funding of \$5,000,000.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Kendall, after due consideration and discussion, the contract was approved on a 6-1 vote. The Commissioners voting aye were Vice Chair Smith, Secretary/Treasurer Hartman, Commissioners McKenzie, Kendall, Hughes, and Newton. Chair Barth voted present.

Wrightsville Wastewater Gravity Sewer Collection System Inspection and Annual Maintenance Agreement with LRWRA

Mr. Weindorf discussed the scope of work needed on the Wrightsville wastewater system and requested Board approval of an agreement with LRWRA for Wrightsville Wastewater System Gravity Sewer Collection System Cleaning, Inspection, Initial Repair, and Annual Maintenance.

Vice Chair Smith noted that this agreement was unanimously approved by the LRWRA Commission on February 21, 2024, pending the City of Little Rock’s approval.

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Hughes, after due consideration and discussion, the maintenance agreement was unanimously approved with the condition that the agreement is not executed until the City of Little Rock has given clearance.

Commissioner McKenzie stated that he thinks it is important to honor the work that CAW and LRWRA have done so far and to let LRWRA know that CAW remains interested in partnering with them.

Presentation on Bond Revenue Coverage and Rate Stabilization Account

Ms. Edwards made a presentation on bond revenue coverage and the rate stabilization account (“RSA”) and recommended no transfer to the RSA. Ms. Edwards stated that staff would use excess revenues earned during calendar year 2023 to pay off the outstanding Hydrilla Bond in full in April 2024. With that commitment from staff, the Board was comfortable with not transferring excess 2023 revenues to the RSA. No Board action was required.

BOARD BRIEFING

Mr. Bohannon provided an update on several matters to the Board.

EXECUTIVE SESSION

Upon a motion duly made by Commissioner Kendall and seconded by Commissioner Hartman, the Board met in Executive Session with CAW staff to discuss CAW’s Cyber Security Efforts.

Upon reconvening the regular session, Vice Chair Smith stated that no action was taken.

ADJOURNMENT

Upon a motion duly made by Commissioner Hartman and seconded by Commissioner McKenzie, the meeting was adjourned at 5:05 p.m.

Jay Hartman, Secretary/Treasurer

RESOLUTION 2024-XX

A RESOLUTION APPROVING NOTICE TO THE CITIES OF LITTLE ROCK AND NORTH LITTLE ROCK OF THE INTENT OF CENTRAL ARKANSAS WATER TO ISSUE WATER REVENUE BONDS; APPROVING SETTING A DATE FOR A PUBLIC HEARING ON THE ISSUANCE OF THE BONDS; APPROVING THE PREPARATION OF AN OFFICIAL NOTICE OF SALE, AN OFFICIAL BID FORM AND A PRELIMINARY OFFICIAL STATEMENT; AND PRESCRIBING OTHER MATTERS RELATING THERETO.

WHEREAS, Central Arkansas Water (the "Issuer") owns a water system consisting of water collection, holding, treatment and distribution facilities (the "System"); and

WHEREAS, the Issuer was created by the Cities of Little Rock and North Little Rock, Arkansas (the "Cities") pursuant to the Consolidated Waterworks Authorization Act codified at A.C.A. §§ 25-20-301 et seq. (the "Authorizing Legislation") and a Consolidation Agreement dated as of March 1, 2001, by and among the Cities, the Board of Commissioners of the Little Rock Municipal Water Works and the Board of Commissioners of the North Little Rock Water Department (the "Consolidation Agreement"); and

WHEREAS, the Board of Commissioners of the Issuer (the "Board") has determined that betterments and improvements to the System (the "Improvements") are necessary in order to make the services of the System adequate for the needs of the customers of the System; and

WHEREAS, the Improvements include particularly, without limitation, the acquisition, construction, installation, relocation or replacement of water distribution and transmission pipes; the acquisition and installation or improvement to various water pumping, processing, production and/or distribution equipment; and acquisition, construction, renovation, or development of administrative building and properties; and

WHEREAS, the Issuer proposes to issue water revenue bonds in the maximum aggregate principal amount of \$23,270,000 (the "bonds") for the purpose of financing all or a portion of the costs of the Improvements, paying expenses of issuing the bonds and funding any required debt service reserve; and

WHEREAS, the Authorizing Legislation and the Consolidation Agreement require the Issuer to hold a public hearing on the proposed issuance of the bonds, and the Consolidation Agreement requires the Issuer to give at least three months' notice to the governing bodies of the Cities before the bonds are issued;

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF CENTRAL ARKANSAS WATER:

Section 1. The Chief Executive Officer of the Issuer (the "Chief Executive Officer") is hereby instructed to give notice to the governing bodies of the Cities that the Issuer intends to issue bonds in the maximum aggregate principal amount of \$23,270,000 for the purpose of accomplishing the Improvements, paying expenses of issuing the bonds and funding any required

debt service reserve.

Section 2. The Director of Finance of the Issuer (the "Finance Director") is hereby instructed to schedule a public hearing on the issuance of the bonds.

Section 3. The Issuer hereby retains Stephens Inc. as financial advisor (the "Financial Advisor") and Friday, Eldredge & Clark, LLP as bond counsel ("Bond Counsel").

Section 4. The Finance Director, together with the Financial Advisor and Bond Counsel, are hereby instructed to prepare the form of an Official Notice of Sale, an Official Bid Form, and a Preliminary Official Statement necessary for the marketing of the bonds, each of which shall be presented to the Board for approval at a later date.

Section 5. Such preliminary actions as are determined to be necessary by the Chief Executive Officer and Finance Director are hereby authorized for the marketing of the bonds; provided, however, that at such time as the Chief Executive Officer may determine to be in the best interests of the Issuer, the final terms of the public sale of the bonds shall be submitted for approval by the Board, together with the proposed form of the Official Notice of Sale, Official Bid Form and Preliminary Official Statement.

Section 6. The Board hereby authorizes and directs the Chief Executive Officer, Finance Director, and other officers and employees of the Issuer to carry out or cause to be carried out all appropriate actions, to execute such other certificates or documents to evidence the authority granted herein, and to take such other actions as they, in consultation with the Financial Advisor and Bond Counsel, shall consider necessary or advisable in connection with this Resolution to prepare for the sale of the bonds.

Section 7. The Board hereby declares its official intent to advance the Issuer's funds to pay costs of the Improvements and to reimburse itself for such expenditures with proceeds of the bonds. This resolution shall constitute an "official intent" for purposes of Treasury Regulation §1.150-2.

Section 8. This Resolution shall be in effect upon its adoption and approval.

Section 9. A copy of this Resolution shall be filed with the Secretary of the Issuer where it will be available for public inspection.

ADOPTED: April 11, 2024

APPROVED:

ATTEST:

Jay Barth, Chair

Jay Hartman, Secretary/Treasurer

CERTIFICATE

STATE OF ARKANSAS)
) ss
COUNTY OF PULASKI)

I, Jay Hartman, Secretary/Treasurer of the Board of Commissioners of Central Arkansas Water, do hereby certify that the foregoing is a true and correct copy of Resolution 2024- XX of the Board of Commissioners of Central Arkansas Water, entitled: **A RESOLUTION APPROVING NOTICE TO THE CITIES OF LITTLE ROCK AND NORTH LITTLE ROCK OF THE INTENT OF CENTRAL ARKANSAS WATER TO ISSUE WATER REVENUE BONDS; APPROVING SETTING A DATE FOR A PUBLIC HEARING ON THE ISSUANCE OF THE BONDS; APPROVING THE PREPARATION OF AN OFFICIAL NOTICE OF SALE, AN OFFICIAL BID FORM AND A PRELIMINARY OFFICIAL STATEMENT; AND PRESCRIBING OTHER MATTERS RELATING THERETO**, adopted April 11, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of April 2024.

Jay Hartman, Secretary/Treasurer
Central Arkansas Water Board of Commissioners

RESOLUTION NO. 2024-XX

A RESOLUTION DESIGNATING AND AUTHORIZING THE CHIEF EXECUTIVE OFFICER, THE CHIEF OPERATING OFFICER, AND THE DIRECTOR OF FINANCE OF CENTRAL ARKANSAS WATER TO EXECUTE CERTAIN DOCUMENTS IN CONNECTION WITH THE DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM ADMINISTERED BY THE ARKANSAS NATURAL RESOURCES COMMISSION FOR THE LEAD REMOVAL PROJECT.

WHEREAS, Central Arkansas Water ("CAW") is a consolidated municipal water system, created and existing under the Consolidated Waterworks Authorization Act, Act 982 of the 83rd General Assembly of the State of Arkansas; and

WHEREAS, CAW has determined that it will be necessary to issue water revenue bonds in an aggregate principal amount not to exceed \$1,000,000 for the purposes of making improvements to service lines to remove lead therefrom; and

WHEREAS, proceeds of the bonds will also be used to finance the costs of issuing the bonds and interest during construction;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF CENTRAL ARKANSAS WATER, AS FOLLOWS:

Section 1. That C. Tad Bohannon, as Chief Executive Officer, is hereby authorized and directed to make application for assistance under the Drinking Water State Revolving Fund Loan Program (the "Program") administered by the Arkansas Natural Resources Commission ("ANRC").

Section 2. That in the event C. Tad Bohannon is unavailable, Blake Weindorf, as Chief Operating Officer, is hereby authorized to execute a bond purchase agreement with ANRC and the Arkansas Development Finance Authority ("ADFA"), once such agreement is approved by the Commission, for and on behalf of CAW.

Section 3. That Blake Weindorf, as Chief Operating Officer, is hereby authorized to execute, for and on behalf of CAW, such other documents and certificates as may be required by ANRC (i) for participation in the Program, or (ii) to satisfy CAW's obligations under the bond purchase agreement with ANRC and ADFA, once such agreement is approved by the Commission.

Section 4. That Cynthia Edwards, as Director of Finance, is hereby authorized to execute, for and on behalf of CAW, such other documents and certificates as may be required by ANRC (i) for participation in the Program, or (ii) to satisfy CAW's obligations under the bond purchase agreement with ANRC and ADFA, once such agreement is approved by the Commission.

Section 5. This Resolution shall be in effect from and after the date of its adoption.

ADOPTED: April 11, 2024.

ATTEST:

APPROVED:

Jay Hartman, Secretary Treasurer

Jay Barth, Chair

CERTIFICATE

STATE OF ARKANSAS)
)
COUNTY OF PULASKI)

I, Jay Hartman, Secretary of the Board of Commissioners, Central Arkansas Water, do hereby certify that the foregoing is a true and correct copy of Resolution 2024-XX of the Resolutions of Central Arkansas Water, entitled: A RESOLUTION DESIGNATING AND AUTHORIZING THE CHIEF EXECUTIVE OFFICER, THE CHIEF OPERATING OFFICER, AND THE DIRECTOR OF FINANCE OF CENTRAL ARKANSAS WATER TO EXECUTE CERTAIN DOCUMENTS IN CONNECTION WITH THE DRINKING WATER SRF LOAN PROGRAM ADMINISTERED BY THE ARKANSAS NATURAL RESOURCES COMMISSION FOR THE LEAD REMOVAL PROJECT, adopted April 11, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of April 2024.

Jay Hartman, Secretary/Treasurer
Central Arkansas Water Board of Commissioners

RESOLUTION NO. 2024-XX

A RESOLUTION DECLARING THE INTENT OF CENTRAL ARKANSAS WATER TO MAKE CERTAIN EXPENDITURES TOWARD THE LEAD REMOVAL PROJECT NOT TO EXCEED \$1,000,000, AND TO REIMBURSE ITSELF FOR SUCH EXPENDITURES FROM THE PROCEEDS OF BONDS; APPROVING NOTICE TO THE CITIES OF LITTLE ROCK AND NORTH LITTLE ROCK DECLARING THE INTENT OF CENTRAL ARKANSAS WATER TO ISSUE BONDS; APPROVING SETTING A DATE FOR A PUBLIC HEARING ON THE ISSUANCE OF THE BONDS; AND PRESCRIBING OTHER MATTERS RELATING THERETO.

WHEREAS, Central Arkansas Water ("CAW") is a consolidated municipal water system, created and existing under the Consolidated Waterworks Authorization Act, Act 982 of the 83rd General Assembly of the State of Arkansas; and

WHEREAS, CAW proposes to undertake improvements to service lines in order to remove lead therefrom (the "Improvements"); and

WHEREAS, CAW does not have funds on hand to pay the costs of the Improvements and the expenses related thereto; and

WHEREAS, CAW proposes to obtain funds to accomplish the Improvements, to pay bond expenses and fund interest during construction from the issuance of bonds; and

WHEREAS, CAW desires to declare its "official intent," within the meaning of United States Treasury Regulation §1.150-2, to issue bonds; and

WHEREAS, the agreement that created CAW requires at least one public hearing on any proposed bond issuance and requires that CAW give three months' notice to the governing bodies of Little Rock and North Little Rock;

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF CENTRAL ARKANSAS WATER:

Section 1. CAW hereby declares its official intent and reasonable expectation to reimburse itself for original expenditures paid from its general or operating funds that are used in accomplishing the Improvements between the date that is sixty (60) days prior to the date of this Resolution and the date or dates the Bonds (as hereinafter defined) are issued, plus a de minimis amount and preliminary expenditures, with the proceeds of bonds in the aggregate principal amount of not to exceed \$1,000,000 (the "Bonds").

Section 2. CAW shall reimburse itself for the original expenditures from proceeds of the Bonds within 18 months after the later of:

- (a) the date the original expenditure is paid or
- (b) the date the Improvements are placed in service, but in no event more than three (3) years after the original expenditure is paid.

Section 3. The Chief Executive Officer of CAW is hereby instructed to give notice to the governing bodies of the Cities of Little Rock and North Little Rock that CAW intends to issue the Bonds, in an amount not to exceed \$1,000,000, for the purpose of financing the Improvements, funding interest during construction and paying expenses of issuing the Bonds.

Section 4. The Director of Finance of CAW is hereby instructed to schedule and hold a public hearing on the issuance of the Bonds.

Section 5. A copy of this Resolution shall be filed with Secretary of CAW where it will be available for public inspection.

Section 6. A copy of this Resolution with original signatures shall be furnished by the Director of Finance of CAW to the Director of the Arkansas Natural Resources Commission.

Section 7. This Resolution shall be in effect upon its adoption.

ADOPTED: April 11, 2024.

ATTEST:

APPROVED:

Jay Hartman, Secretary Treasurer

Jay Barth, Chair

CERTIFICATE

STATE OF ARKANSAS)
) ss
COUNTY OF PULASKI)

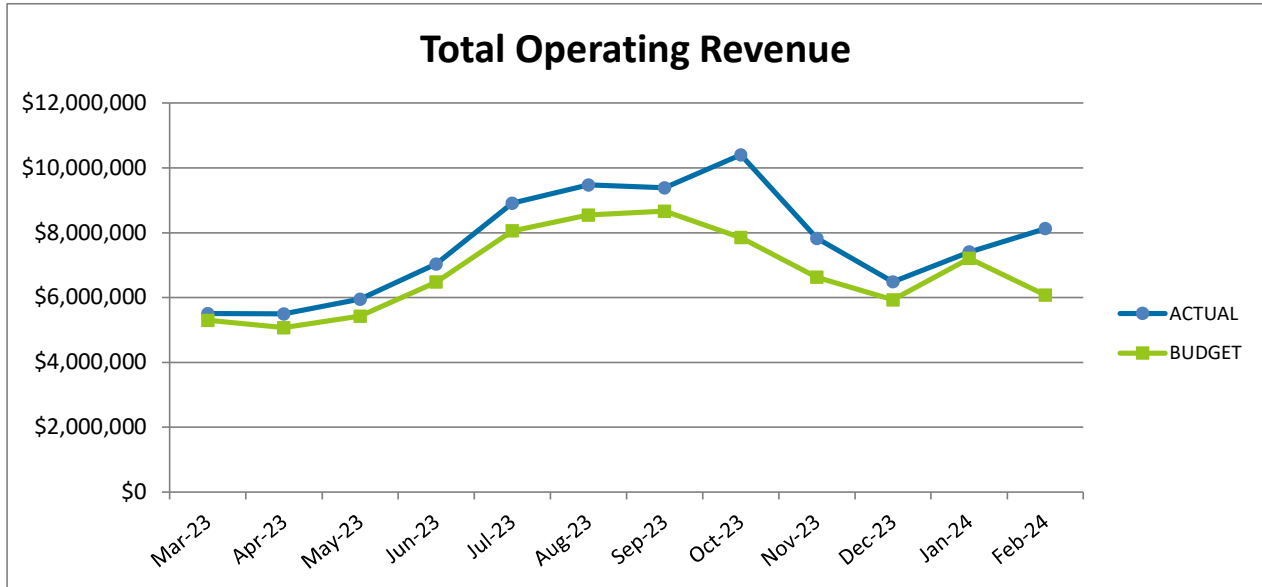
I, Jay Hartman, Secretary/Treasurer of the Board of Commissioners of Central Arkansas Water, do hereby certify that the foregoing is a true and correct copy of Resolution 2024- XX of the Board of Commissioners of Central Arkansas Water, entitled: **A RESOLUTION DECLARING THE INTENT OF CENTRAL ARKANSAS WATER TO MAKE CERTAIN EXPENDITURES TOWARD THE LEAD REMOVAL PROJECT NOT TO EXCEED \$1,000,000, AND TO REIMBURSE ITSELF FOR SUCH EXPENDITURES FROM THE PROCEEDS OF BONDS; APPROVING NOTICE TO THE CITIES OF LITTLE ROCK AND NORTH LITTLE ROCK DECLARING THE INTENT OF CENTRAL ARKANSAS WATER TO ISSUE BONDS; APPROVING SETTING A DATE FOR A PUBLIC HEARING ON THE ISSUANCE OF THE BONDS; AND PRESCRIBING OTHER MATTERS RELATING THERETO**, adopted April 11, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of April 2024.

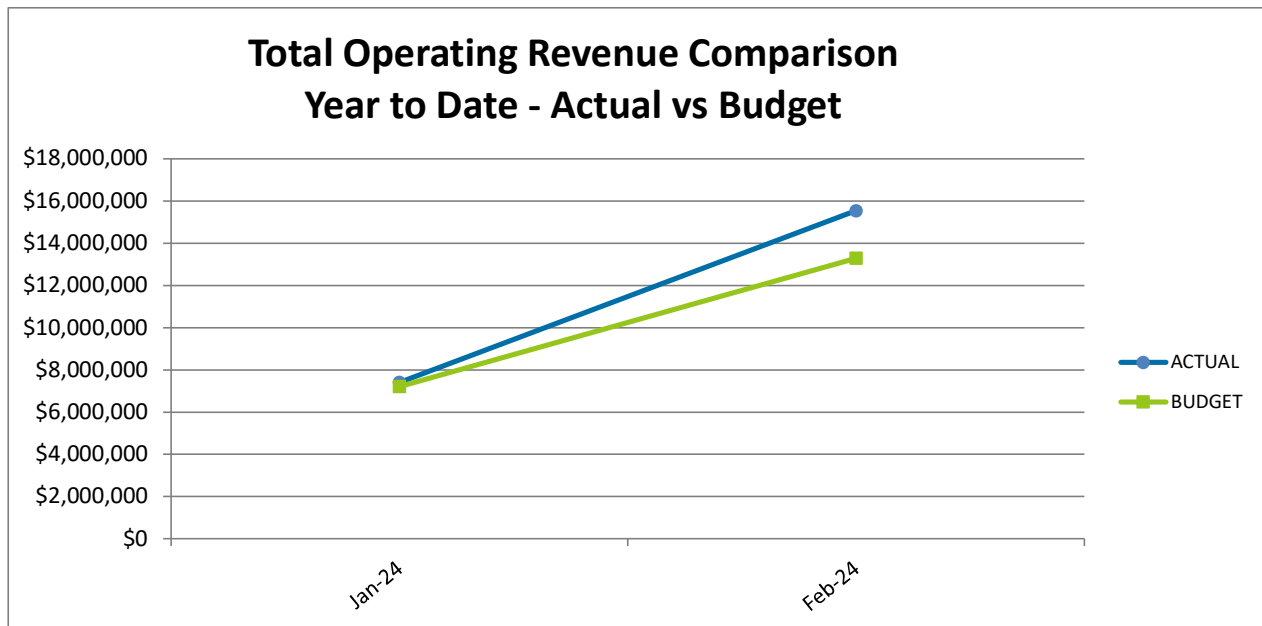
Jay Hartman, Secretary/Treasurer
Central Arkansas Water Board of Commissioners

Financial Highlights for February 29, 2024

- Revenues for the month ending February 29, 2024 were \$2.1M or 33.8% over budget.



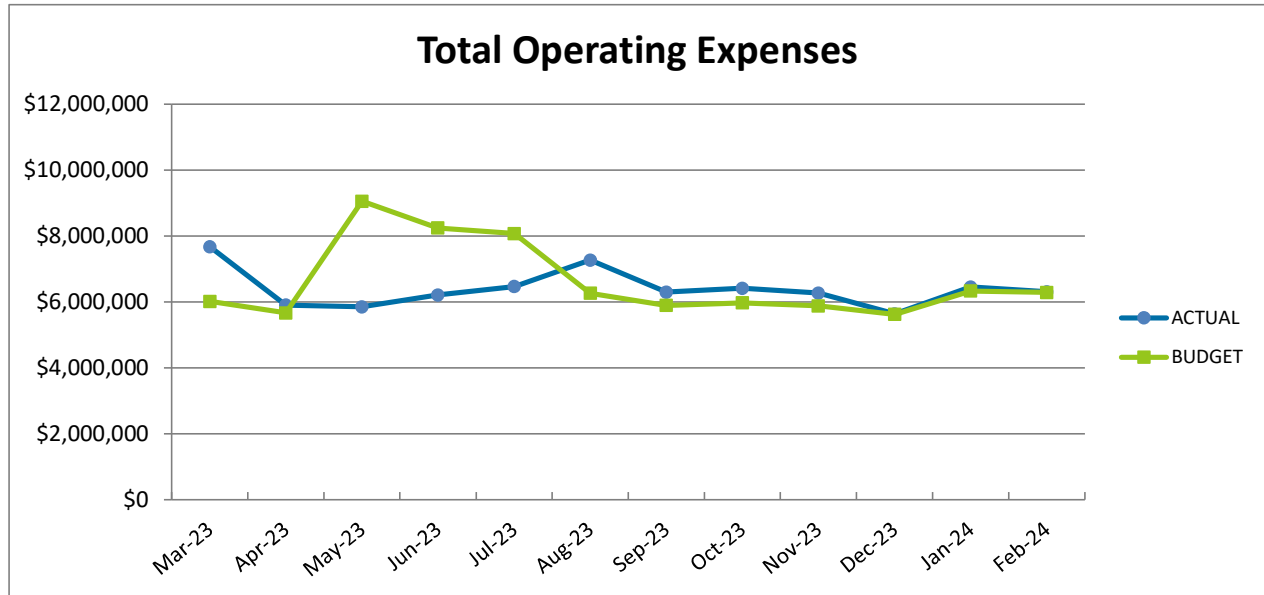
- Year-to-date revenues through February 29, 2024 were \$2.2M or 16.9% over budget.



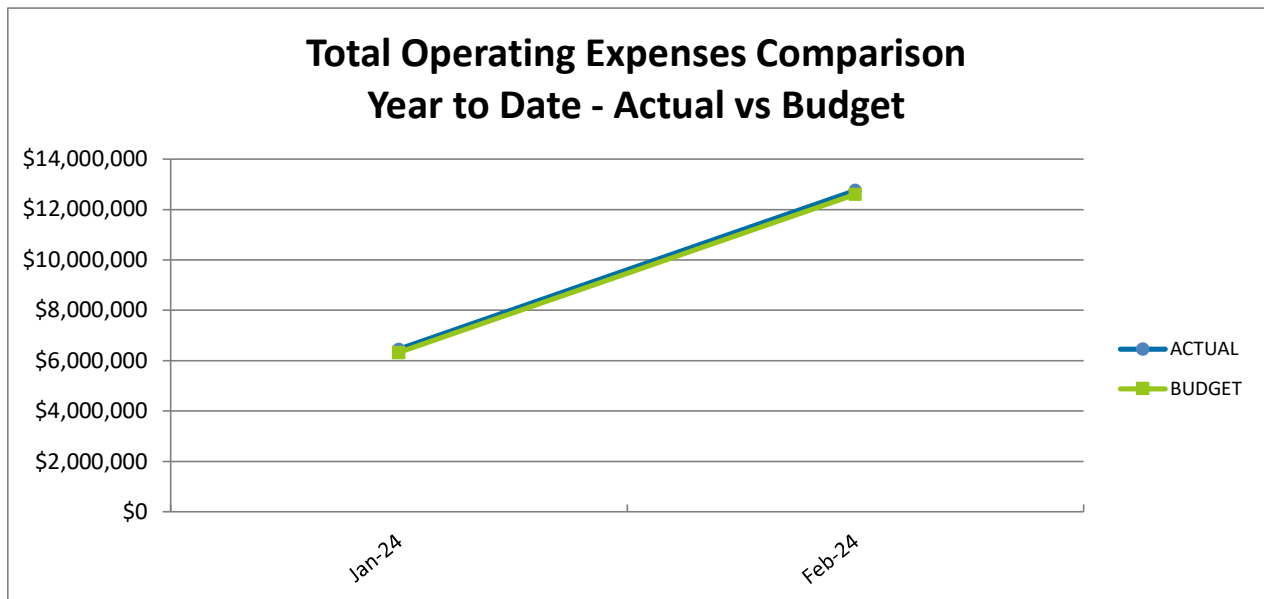


Financial Highlights for February 29, 2024

- O&M expenses for the month ending February 29, 2024 were \$20K or 0.3% over budget.

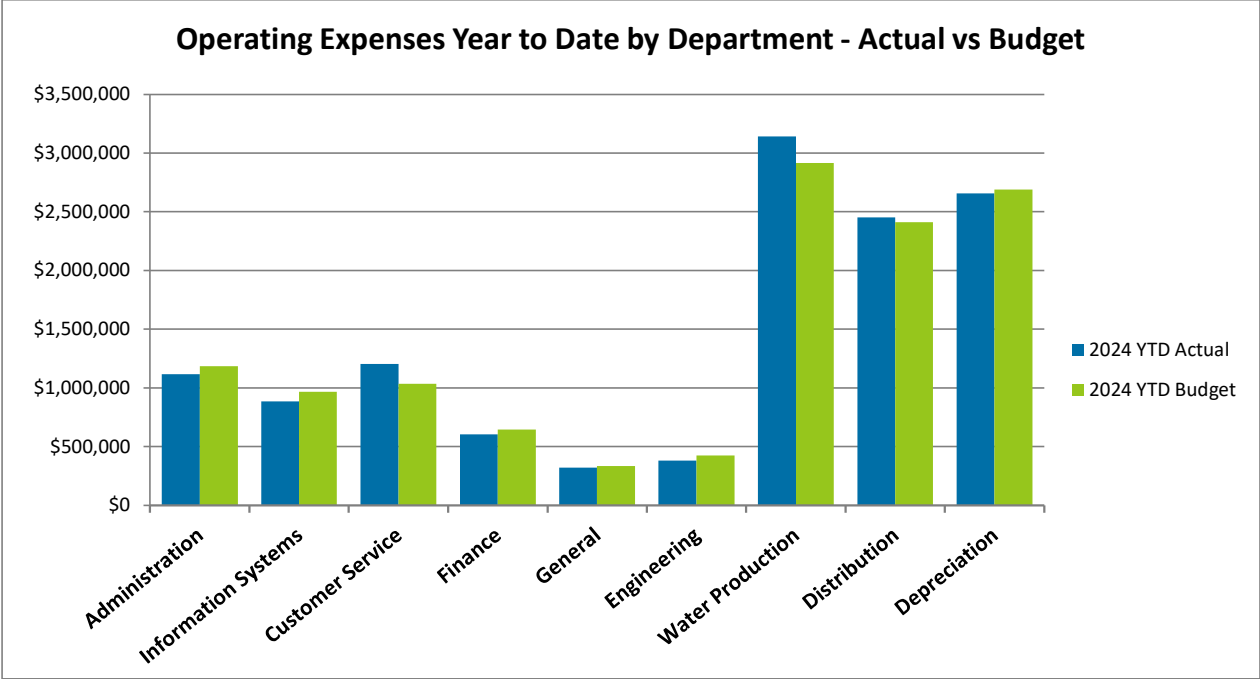


- Year-to-date O&M expenses through February 29, 2024 were \$155K or 1.2% over budget. Most of the unfavorable variance can be found in the following natural classifications: Labor and Benefits - \$359K and Contract Services - \$94K with offsetting favorable variances Materials, Supplies, and Maintenance - \$188K, Chemicals - \$56K, Depreciation - \$33K, and Electric and Other Utilities - \$22K.

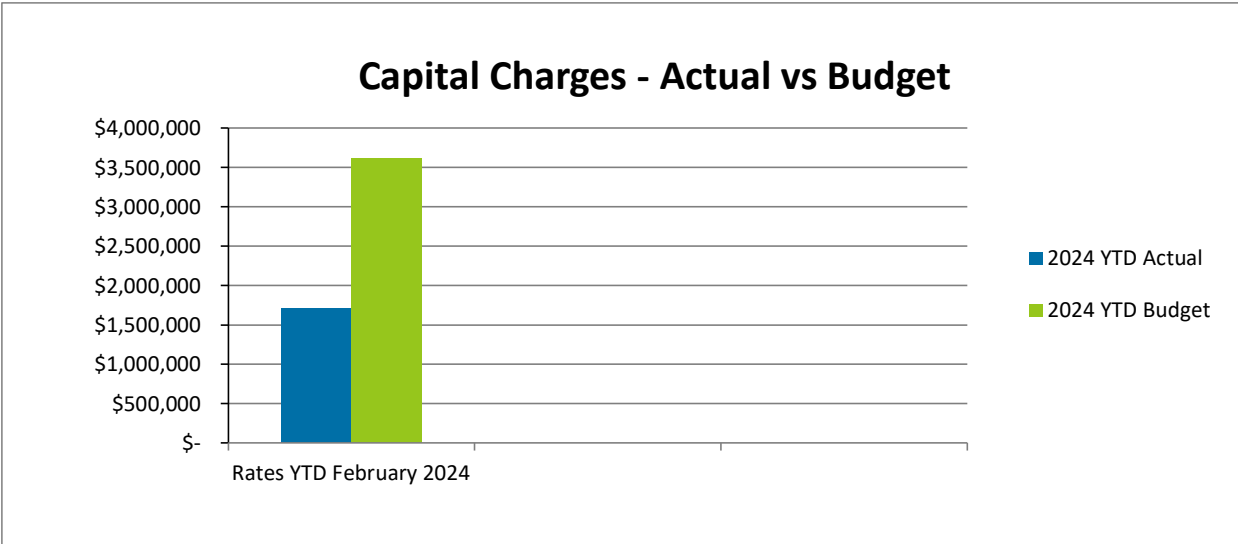




Financial Highlights for February 29, 2024



- Year-to-date Charges to Capital From Rates are running 47.4% of budget through February 29, 2024.



CAW Financial Metrics

		2023	2024	Goal
1	Current Ratio	2.32	2.34	>1.50
2	Quick Ratio	2.17	2.20	>1.25
3	Debt Utilization	33%	32%	<39%

Financial ratios are used to analyze relationships between different pieces of financial information. Ratio analyses can present information about an entity's operating performance and financial position. Short-term liquidity can be demonstrated using the Current Ratio and Quick Ratio.

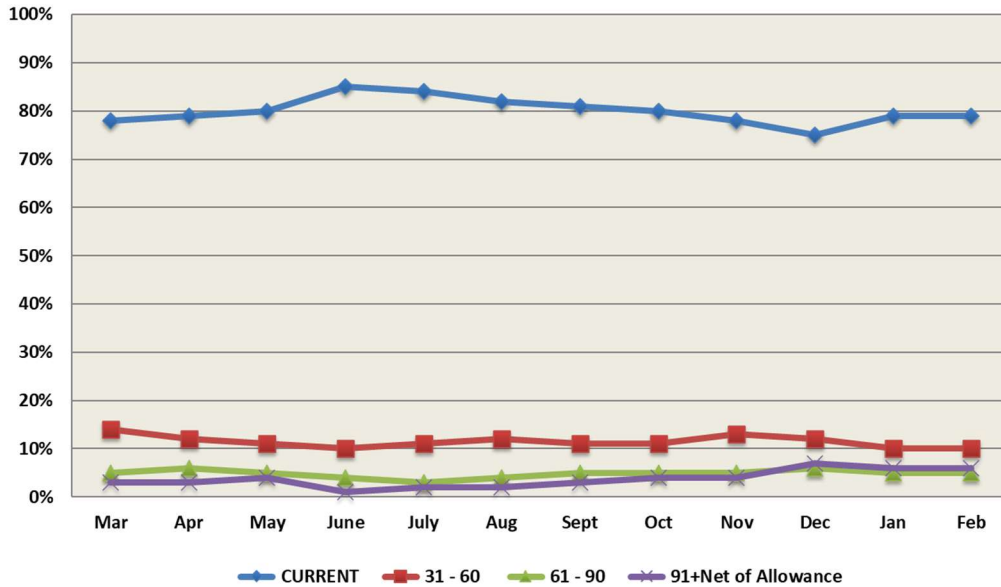
1 *The Current Ratio is calculated by dividing Current Assets by Current Liabilities. This ratio means for every \$1.00 in current liabilities, CAW has \$2.34 in current assets.*

2 *The Quick Ratio is similar to the Current Ratio but excludes inventory because inventory is normally the least liquid current asset. When excluding inventory for the period ending February 29, 2024 the Quick Ratio was 2.2.*

3 *The Debt Utilization percentage is calculated by dividing total Liabilities (less Net OPEB Liability and net Pension Liability) by total Assets. This financial metric measures the extent to which assets are financed through borrowing. A ratio of 32% means that for every dollar of assets, 32 cents is being financed with debt. A 2017 AWWA Benchmarking Study showed the national average to be 39%.*



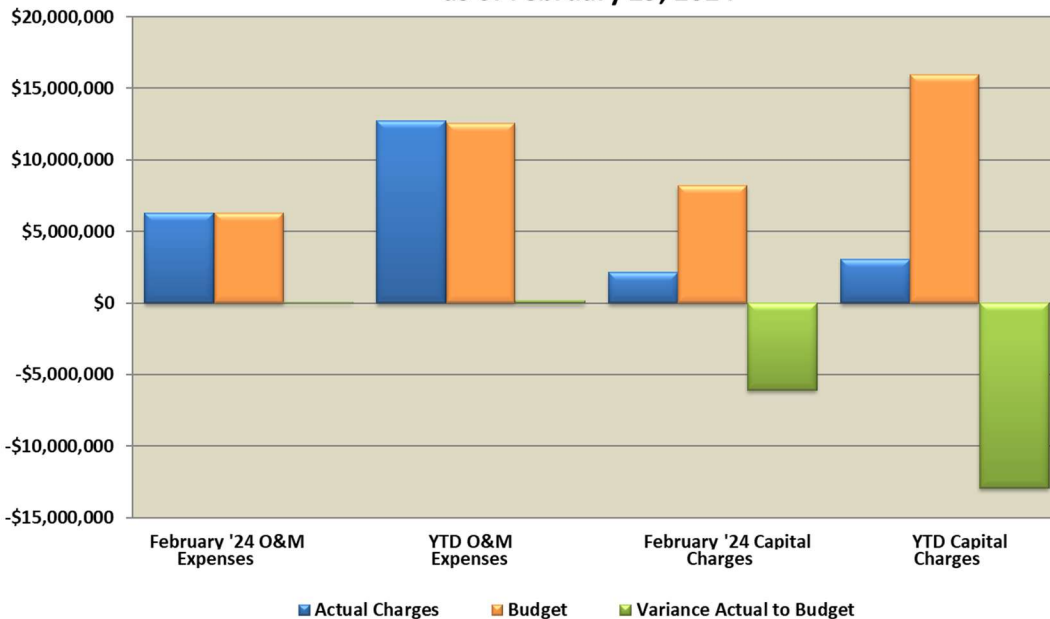
Trend on Delinquent Accounts as of February 29, 2024



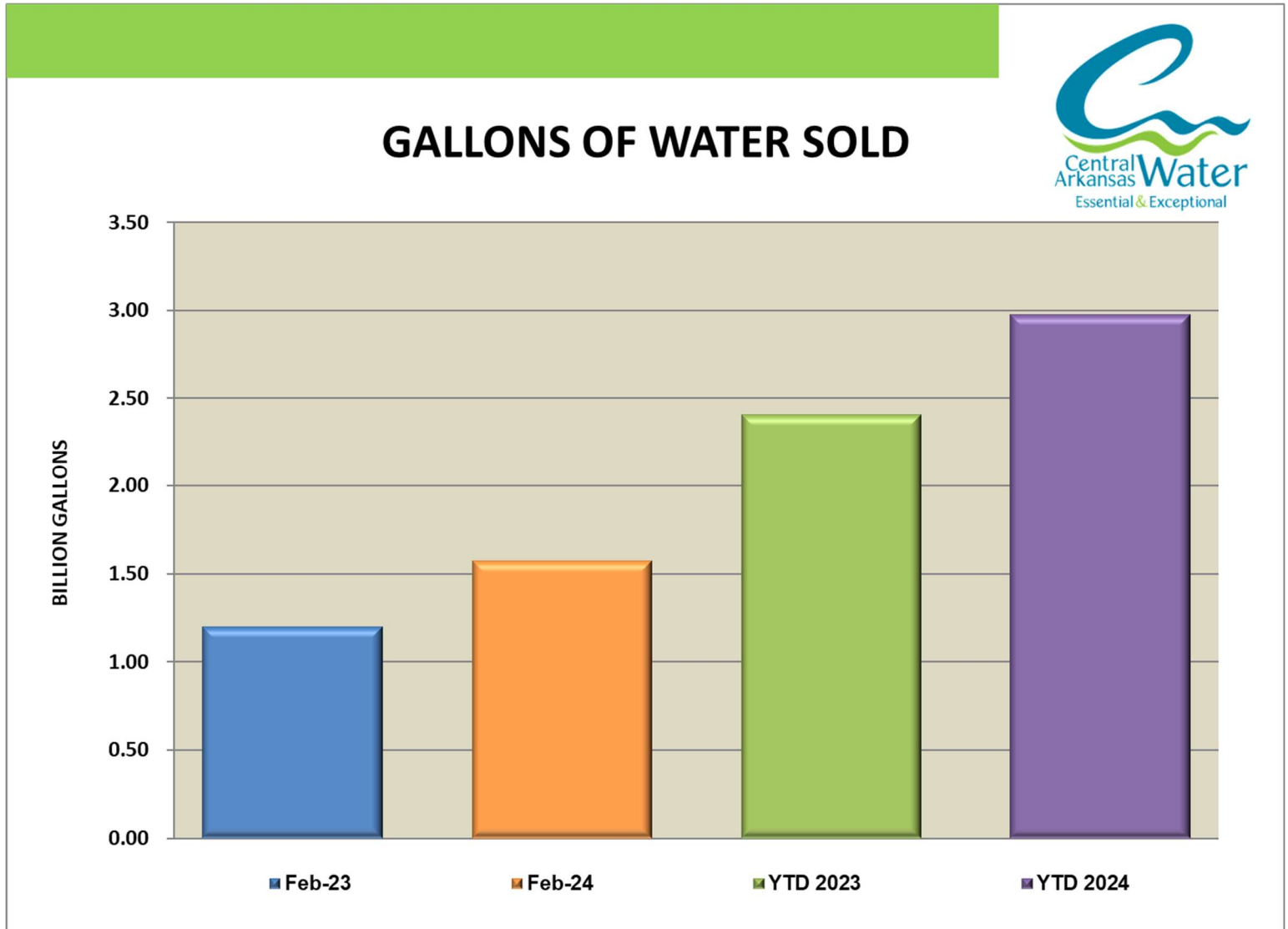
O&M Expenditures and Capital Charges to Budget as of February 29, 2024

	Feb-24	YTD 2024	Feb-24	YTD 2024
	Operating Expense	Operating Expense	Charges to Capital	Charges to Capital
Actual	6,308,586	12,762,258	2,131,481	3,066,884
Budget	6,288,962	12,607,625	8,229,103	15,991,572
Variance	19,624	154,633	(6,097,622)	(12,924,688)

Comparison of O&M Expenditures & Capital Charges to Budget as of February 29, 2024

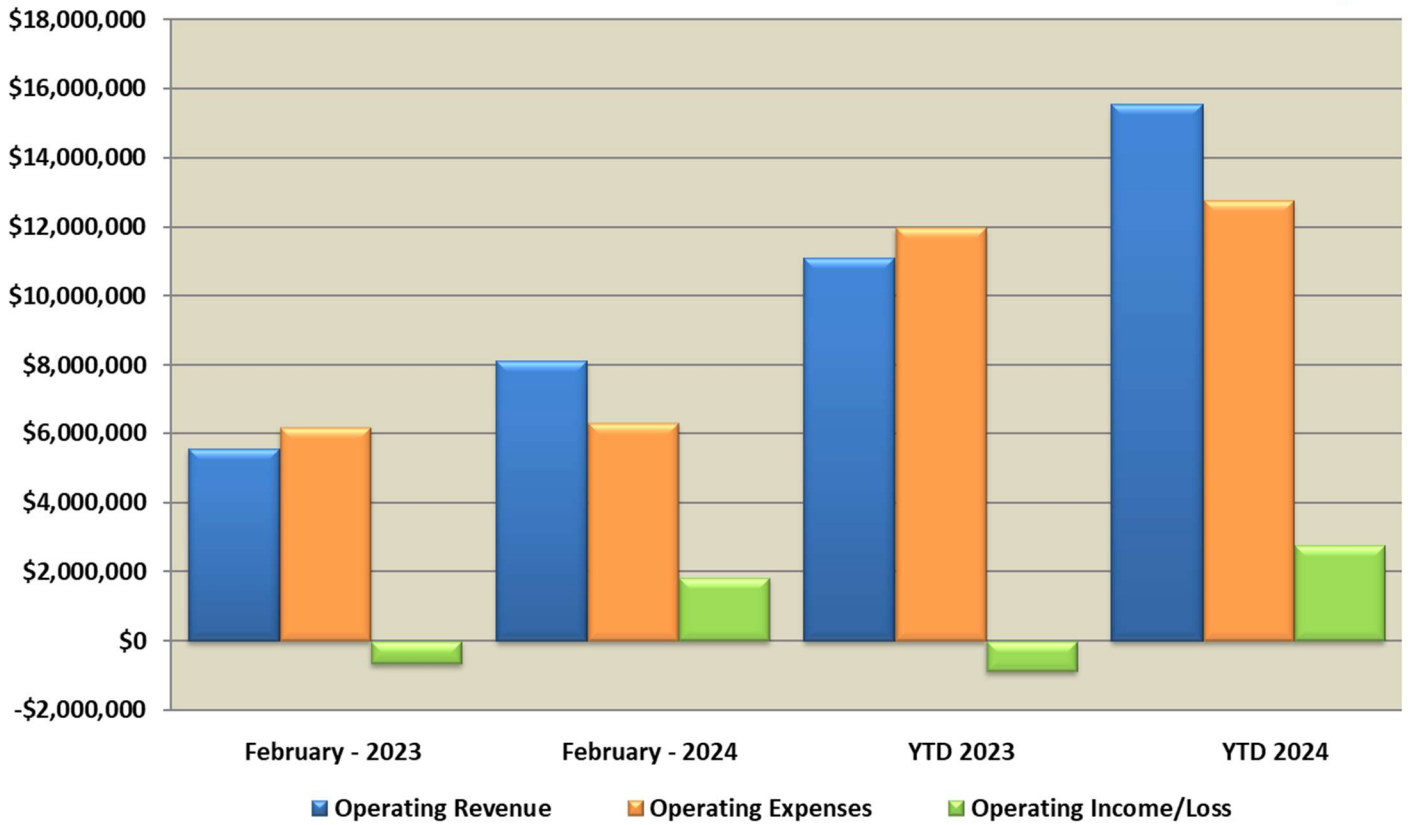


GALLONS OF WATER SOLD				
	February		YTD	
	2023	2024	2023	2024
METERED SALES	1,195,500,503	1,572,412,818	2,408,820,851	2,976,489,059



Cost of Producing Water vs. Revenue Received								
	February				YEAR TO DATE			
	2023	%	2024	%	2023	%	2024	%
Operating Revenue	\$5,546,398	100.0%	\$8,129,622	100.0%	\$11,106,116	100.0%	\$15,535,669	100.0%
Operating Expenses	\$6,182,206	111.5%	\$6,308,586	77.6%	\$11,982,209	107.9%	\$12,762,258	82.1%
Operating Income/Loss	(\$635,808)	-11.5%	\$1,821,036	22.4%	(\$876,093)	-7.9%	\$2,773,411	17.9%

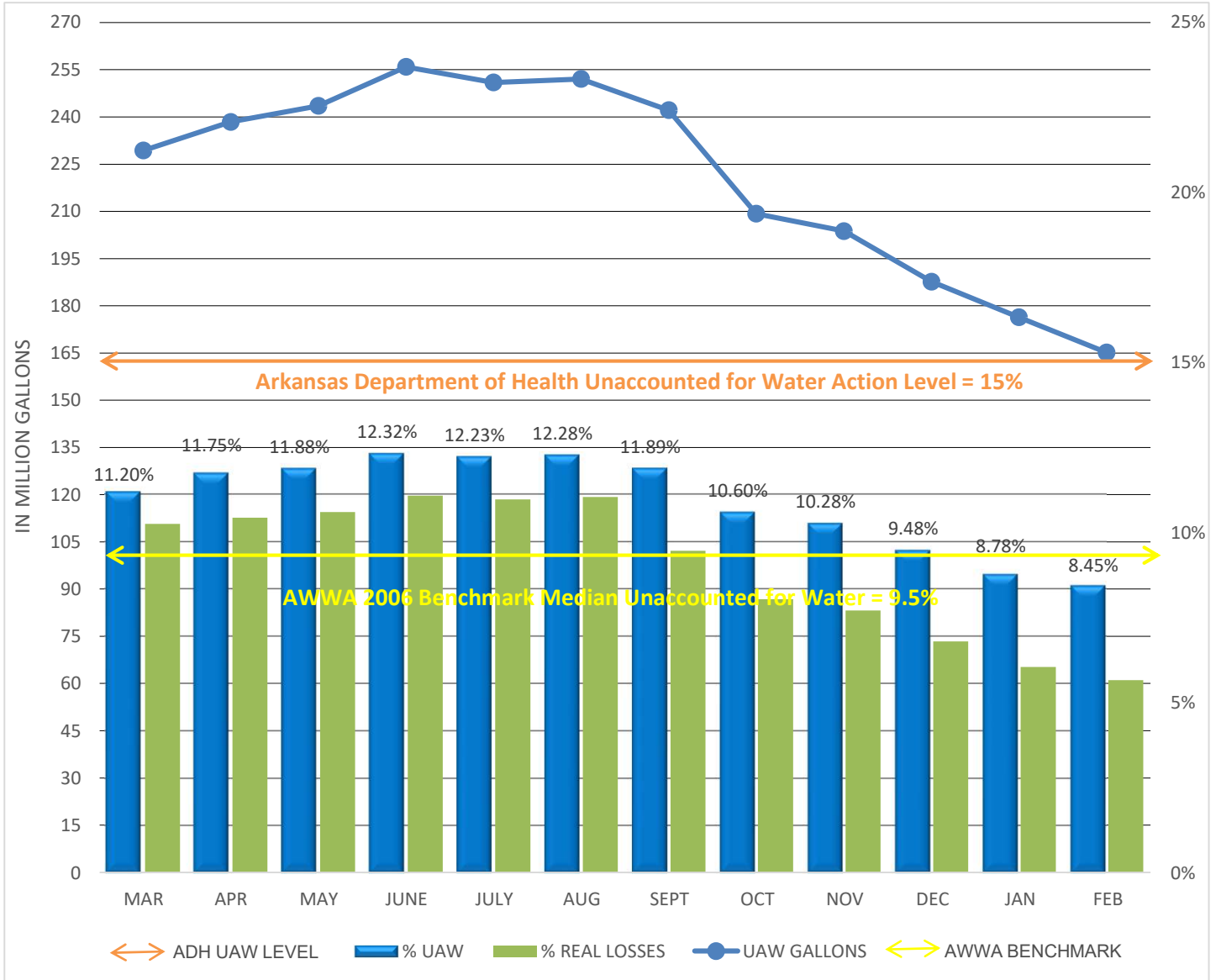
Cost of Producing Water vs. Revenue Received



PERCENTAGE OF REAL LOSSES & UNACCOUNTED FOR WATER

(12-month running average)

Ending February 29, 2024

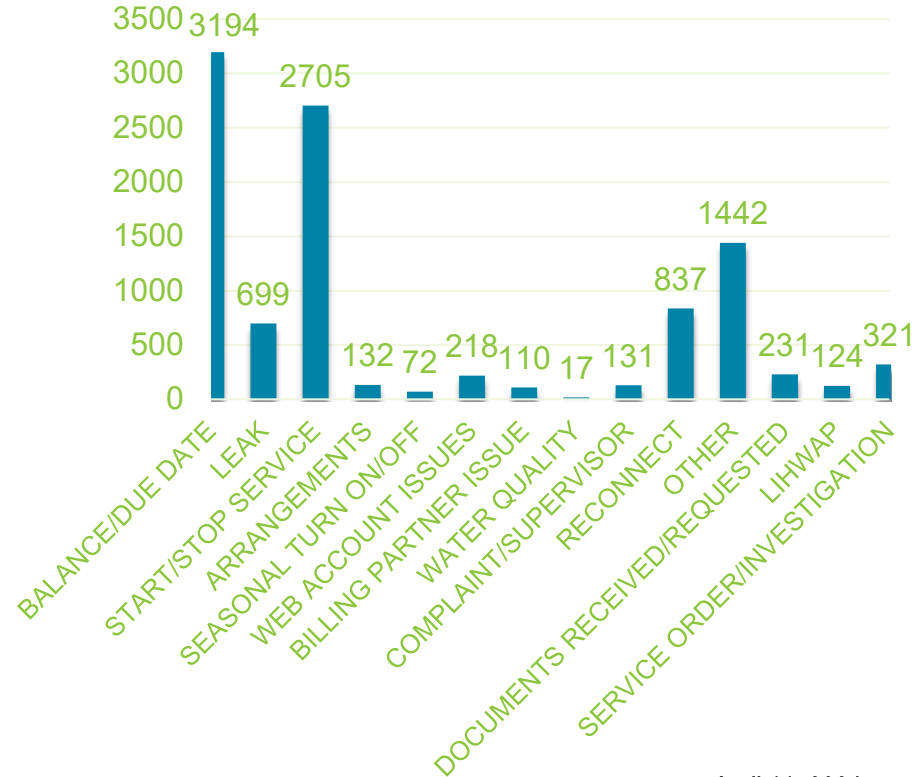
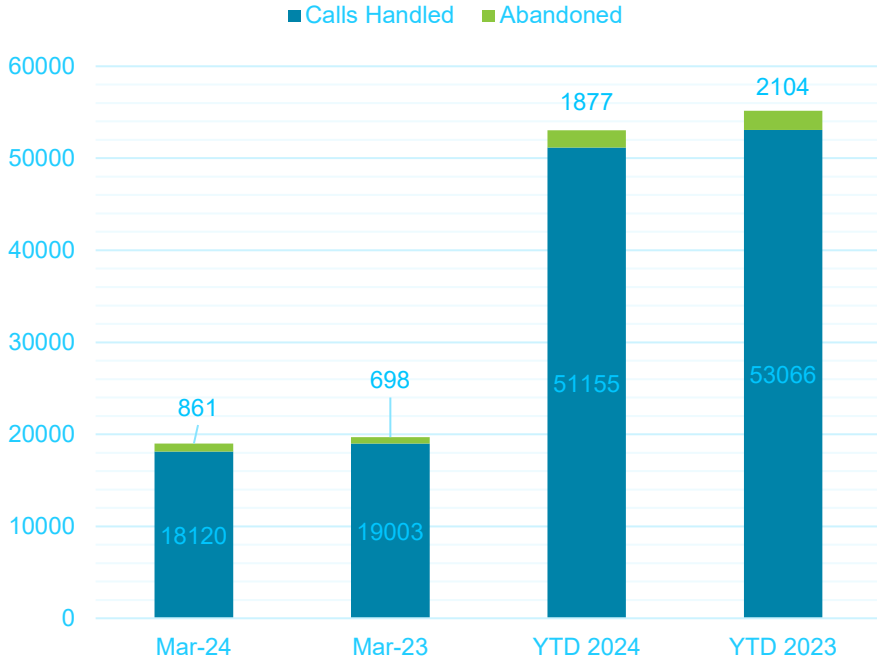


Customer Service – April 11, 2024

RETURN

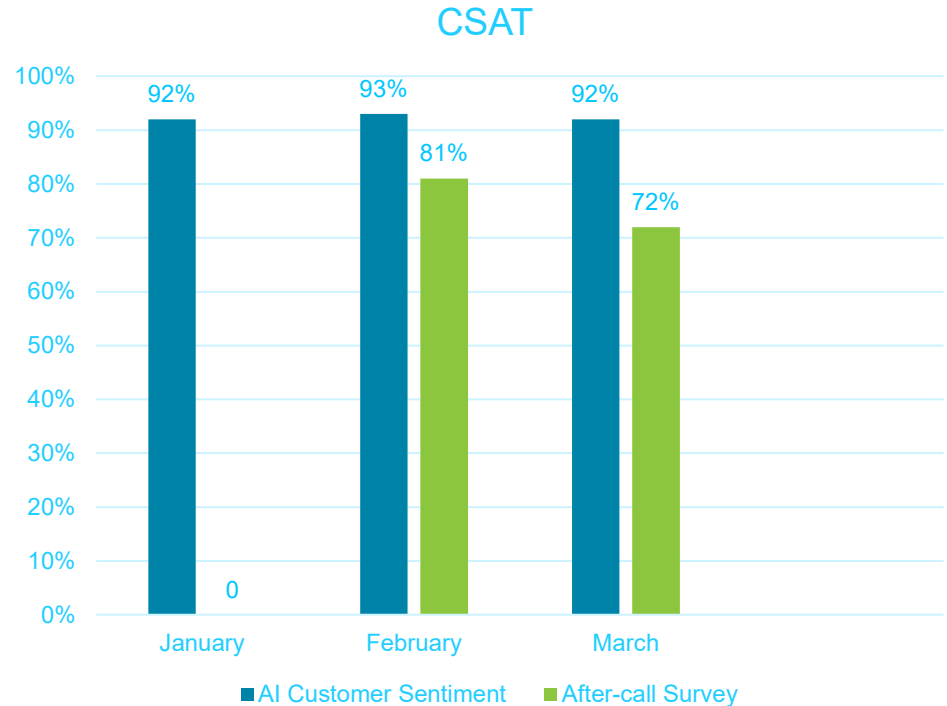


Call Volume



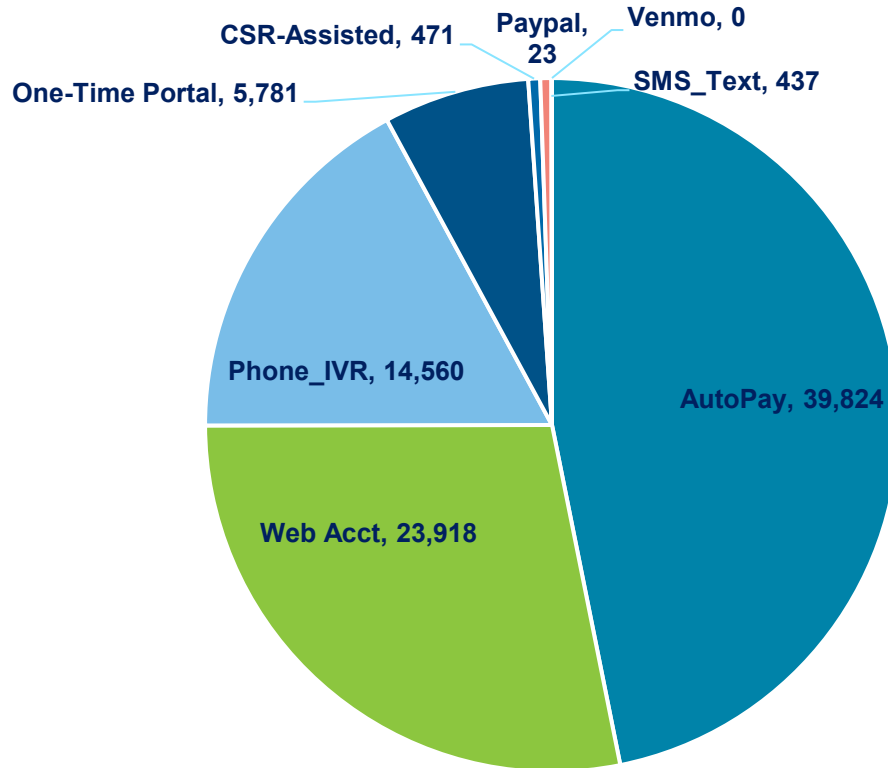
Customer Satisfaction Scores

- Dialpad uses AI technology to score each call based on customer sentiment
- AI scored 12,374 calls in January, 11,852 calls in February, and 12,480 calls in March
- In February, we deployed a 1-question after-call survey: *“On a scale from 1 to 5, how satisfied were you with the service that was received today, 1 being the lowest and 5 being the highest?”*
- 870 customers answered the survey in March



Paymentus – March 2024

RETURN



Customer Service – March 2024

RETURN



Cashier Night Box and Mail Transactions for March:

	2023	2024
	1,405	1,238
Year to Date	4,689	3,742

Shutoffs completed March 2024	Pending Shutoffs
2,689	2,349

Promise Pay Outreach Efforts-LIHWAP (Low Income Housing Water Assistance Program) *July 1 Promise Pay's efforts will pivot to pay arrangements

Total LIHWAP Assistance to date:	\$5,523,997.35
Total Promise Pay Arrangements	4,033 active; 2,545 completed Total amount collected: \$1,273,177

Engineering Highlights April 11, 2024

❖ 2024 CURRENT

- The Engineering Department currently has 29 **capital improvement** projects in design and 25 projects under construction (31 and 23 last month).
- The Engineering Department currently has 69 **developer-initiated** improvement / extension projects under review and 65 projects under construction (62 and 63 last month).

❖ PROJECT HIGHLIGHT - this month

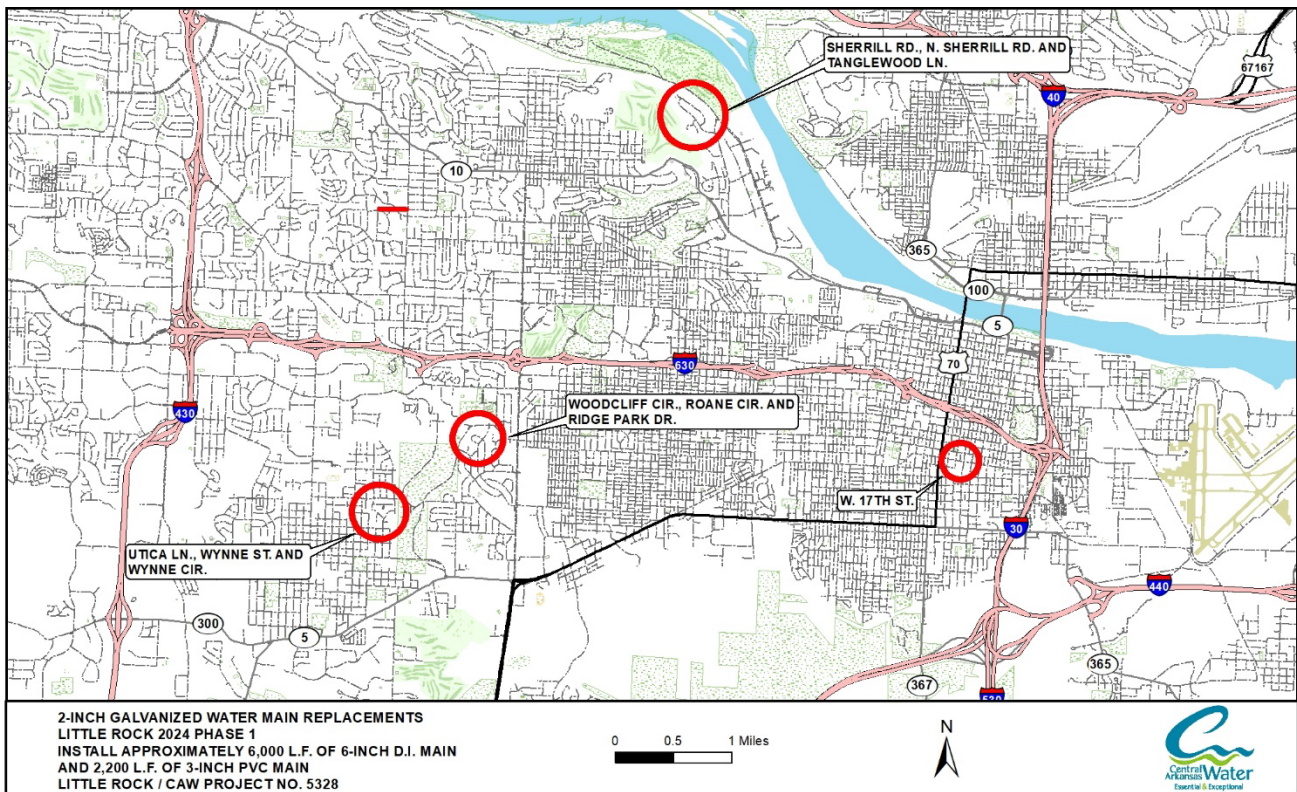
- **2-inch Galvanized Water Main Replacements – Little Rock 2024 Phase 1**

The Board of Commissioners approved this project to replace 8,200 linear feet of old, high maintenance 2-inch galvanized water pipe in November 2023. The contractor for the project is Cisneros Family Construction (Jacksonville, AR). The contract amount is \$2,028,278.43. The pipe being replaced ranges in age from 62 years old to 87 years old. All of the pipe being replaced through this project is located in Little Rock. Approximately 6,000 linear feet of the replacement will be with 6-inch diameter ductile iron pipe and approximately 2,200 linear feet will be 3-inch diameter PVC pipe. Hydraulically, a 3-inch PVC pipe could have been utilized in some areas of this project, but 6-inch ductile iron pipe is being installed due to high system pressures, exceeding 125 psi. Additionally, some areas required 6-inch ductile iron pipe in order to supply sufficient fire flows to thirteen new (additional) fire hydrants being installed as part of this project.

The area of this project is: 1) Woodcliff Cir., Roane Cir., and Ridge Park Dr.; 2) Sherrill Rd., N. Sherrill Rd. and Tanglewood Ln.; 3) W. 17th St.; and, 4) Wynne St., Wynne Cir., and Utica Ln. The work started at the area of Sherrill Rd., N. Sherrill Rd., and Tanglewood Ln., which is on top of a hill directly overlooking the Arkansas River and has very rocky soil conditions. To address difficult pipe trenching in the rocky soil conditions, the contract documents allow 30 inches of cover (instead of the normal 36 inches) over the new pipe to reduce trench depth. Additionally, a separate pay item was incorporated for trenching in rocky soil conditions and includes placement of select backfill material around the pipe. The contract unit cost for this work is \$4.00 per foot which was surprisingly much lower than the engineer's estimate amount of \$34.73 per foot. This neighborhood has a property owner's association, of which CAW kept them updated and addressed any concerns. All of the pipes have been installed in this area (approximately 3,000 feet) and are currently being tested (pressure testing and bacteriological testing before placing the new water mains into service). An unexpected issue that came up while working in this area has been addressing storm drain run-off coming from the Little Rock Country Club Golf Course. During rain events, the contractor had to place additional silt fencing and fiber rolls to protect the recently backfilled pipe trenches and other disturbed areas from soil erosion.

The contractor is currently mobilizing to the Wynne Street location. The street right-of-way along Wynne Street is only 40 feet wide. Because of this and the location of underground utilities, the new 6-inch water main (approximately 1,200 feet) will be installed under the location of the sidewalks. The sidewalk along Wynne Street is in poor condition and will be replaced (to the city's benefit) after the new water main is placed in service. To address this, the contract has a specific pay item for sidewalk replacement.

The contractor started the project on January 29, 2024, and the project is currently 27% complete, within budget and on schedule. The contract completion date is April 29, 2025. There have been no consequential customer complaints to date.





Trenching for new 6-inch main. The contractor trenches well ahead of where pipe is to be installed to check for existing obstructions/conflicts and to allow room for maneuvering/adjusting the new pipe where necessary. Note the gas main (colored yellow) that was exposed.



In some locations, the new pipe is installed along or within the edge of the asphalt street pavement.



A 6-inch tap being prepared on an existing 12-inch main. The tapping sleeve is being pressure tested prior to the actual tap being made.



New 6-inch main placed in trench with poly-wrap. The poly-wrap is being inspected and the joints taped.



Severe, rocky soil conditions have been encountered on this project.



A rock breaker was required in areas to help excavate the pipe trenches.



In areas of rock trenching, select fill (crushed stone) is placed around the bottom, sides, and top of the new pipe for protection.



A new fire hydrant ready for concrete thrust blocking to be poured.

ACTIVE ENGINEERING PROJECTS

April 03, 2024

RETURN

PROJ NO.	PROJECT/CONTRACTOR	CONTRACT DATE	CONST START	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	PAID TO DATE	AMOUNT REMAINING	PERCENT COMPLETE	REMARKS
5123	12" WATER MAIN CROSSING OF I-40 NEAR HARRIS ROAD, NLR - 2023 J.R. FOX COMPANY, INC.	11/2/2023	11/3/2023	\$768,048.00	\$0.00	\$759,409.31	\$8,638.69	98.88%	4/2/24 - PROJECT TO IMPROVE WATER QUALITY & FIREFLOW ALONG DIAMOND DR, GALLOWAY. INSTALL 12-INCH UNDER INTERSTATE 40 THRU A 24" BORE & ENCASMENT. PROJECT 73% COMPLETE. 24" BORE ACROSS I-40 COMPLETED ON 2/22/24. NEW 12" MAIN IS IN SERVICE (TW).
5401	2" GALV. MAIN REPLACE LITTLE ROCK 2023 PHASE 3 CISNEROS FAMILY CONSTRUCTION	5/30/2023	6/13/2023	\$1,931,499.11	\$0.00	\$1,340,556.22	\$590,942.89	69.40%	REPLACE APPROX. 8,000 L.F. OF 2" GALV. MAINS IN LITTLE ROCK NEAR STATE FAIR GROUNDS FOR CITY SUNSET TERRACE DEVELOPMENT AND AREA. 4/2/24 ALL PIPE INSTALLED AND IN SERVICE. FINAL CUT & PLUGS IN PROGRESS. FINAL CLEAN UP IN PROGRESS
5381	2" GALVANIZED MAIN REPLACEMENTS NORTH LITTLE ROCK PHASE 2 2023 DIAMOND CONSTRUCTION CO	3/27/2023	3/29/2023	\$1,964,985.00	\$0.00	\$817,689.06	\$1,147,295.94	41.61%	4/2/24 - 9,000 L.F. OF 2" GALV. AND C.I. MAIN REPLACEMENTS IN NLR ALONG DIVISION, W. 39., W. 41, BURKS, W. 37, LYNN, FRANK, W. 47, W. 44 AND AUGUSTA. PROJECT 35% COMPLETE - 3,150 L.F. OF 3" AND 788 L.F. OF 6" MAIN INSTALLED TO DATE (TW).
5328	2-INCH GALVANIZED MAIN REPLACEMENTS LITTLE ROCK 2024 PHASE 1 CISNEROS FAMILY CONSTRUCTION	1/24/2024	1/29/2024	\$2,028,278.43	\$0.00	\$406,217.70	\$1,622,060.73	20.03%	4/2/24 - WORKING IN SHERRILL RD AREA. APPROX. 3,000 L.F. OF 6" MAIN INSTALLED - NEW MAINS CURRENTLY BEING TESTED. 27% COMPLETE. (SO).
4922	EPISCOPAL SCHOOL / GILL STREET AQUEDUCT 16" MAIN REPLACEMENT - ARDOT - PH 2 - 2019 DISTRICT UTILITY CONSTRUCTION	4/29/2022	8/28/2023	\$1,220,286.10	\$28,821.65	\$1,040,548.09	\$208,559.66	83.30%	4/1/24 - PHASE 2: 1,300 L.F. OF 16" MAIN FOR ARDOT BRIDGE REPLACEMENT PROJECT (061454). ROSE CREEK 48" STEEL PIPE AERIAL SET IN PLACE ON 9/26/23. ALL NEW MAINS INSTALLED AND PLACED IN SERVICE ON 2/29/24. WORKING ON FINAL 16" CUT & PLUG (TW).
5400	FORT ROOTS 12" MAIN EXTENSION FOR FUTURE FORT ROOTS P.S. - 2023 DIAMOND CONSTRUCTION CO	7/12/2023	1/15/2024	\$424,000.00	\$0.00	\$237,629.44	\$186,370.56	56.04%	4/2/24 - INSTALL APPROX. 1,000 L.F. OF 12" D.I. MAIN THRU PULASKI TECH TO FORT ROOTS. FOR FUTURE FORT ROOTS PUMP STATION. V.A. HAS PRE-PAID THE WORK. ALL 12" MAIN INSTALLED. WORKING ON CONCRETE METER VAULT (TW).
5304	IMPROVE / REPLACE RAW WATER PUMP STATION NO. 12 - JACKSON RESERVOIR - 2022 - PS 12 - PS12 TOLM Group Inc	10/10/2023	11/8/2023	\$4,975,000.00	(\$17,010.00)	\$1,041,358.88	\$3,916,631.12	21.00%	IMPROVE/REPLACE RAW WATER PS#12 & JACKSON RESERVOIR INT 10/10/23 NOTICE TO PROCEED. 11/6/23 RESERVOIR DRAINED. 4/1/24 INTAKE STRUCTURE WORK COMPLETE. RESERVOIR BACK IN SERVICE, FULL, & OPERATIONAL. WORK CONTINUES ON ELEC BLDG
5497	MAUMELLE SERVICE LINE REPLACEMENTS 2024 PHASE 1 UNKNOWN	2/16/2024	4/1/2024	\$612,944.00	\$0.00	\$0.00	\$612,944.00	0.00%	4/2/24 - REPLACE APPROX. 119 METER SERVICE ASSEMBLIES IN THE COUNTRY CLUB OF ARKANSAS AREA OF MAUMELLE. THE PRE-CONSTRUCTION CONFERENCE WAS HELD ON 2/20/24 - NOTICE TO PROCEED ISSUED ON 4/1/24 AND WORK HAS STARTED (TW).
5265	TANK 2 - EXTERIOR PAINT - 2023 LEHER PAINTING ENTERPRISES, INC.	6/29/2023	12/4/2023	\$736,777.00	\$13,500.00	\$696,170.26	\$54,106.74	92.79%	4/1/24 - EXTERIOR PAINTING OF TANK 2 - 95% COMPLETE. PAINTING WORK COMPLETE AND PUCH LIST MEETING HELD ON 2/22/24. TANL PLACED BACK IN SERVICE ON 3/22/24. STILL NEED TO INSTALL AIR GAP ON 16" OVER-FLOW RISER (TW).
				\$14,661,817.64	\$25,311.65	\$6,339,578.96	\$8,347,550.33		

ENGINEERING PROJECTS IN DESIGN

RETURN

April 03, 2024

PROJ NO.	PROJECT	PRELIMINARY ESTIMATE	DESIGN START	DESIGN COMPLETE	REMARKS
5397	2" GALV. MAIN REPLACEMENT NORTH LITTLE ROCK 2024 PH. 1	\$2,000,000.00	1/6/2023	8/1/2023	4/2/24 - 2" GALV. REPLACEMENTS (APPROX. 8,000 L.F.) IN THE AREA OF W. "L", W. "K", W. "M" ST. AND N. CYPRESS IN PARK HILL. PROJECT APPROVED AT THE OCTOBER BOARD MEETING. WORK NOT STARTED - SCHEDULING PRE-CONSTRUCTION CONFERENCE WITH DIAMOND (TW).
5539	2-INCH GALVANIZED MAIN REPLACEMENTS LITTLE ROCK 2024 PHASE 3	\$2,000,000.00	12/1/2023	4/30/2024	4/1/24 - REPLACE APPROX. 7,000 L.F. OF GALV 2" MAINS ALONG SECTIONS OF 31ST, ZION, ELKHART, 26TH & LONCOY, GARFIELD, N. MEADOW CLIFF, ARDMORE, LAMONT, RIDGE PARK, VINEWOOD, DEBBIE AND ROSEWOOD IN LITTLE ROCK - WORKING ON DESIGN (TW).
5514	2-INCH GALVANIZED MAIN REPLACEMENTS NORTH OF RIVER 2024 PHASE 2	\$1,300,000.00	11/21/2023	1/7/2024	4/2/24 - 2" GALV MAIN REPLACEMENTS (APPROX. 4,200 L.F.) ALONG TAYLOR RD., EUBANKS RD., BOBBIT LN., AND MUDGE LN. IN SHERWOOD. PROJECT APPROVED AT THE FEBRUARY 2024 BOARD MEETING - WORKING ON EXECUTING THE CONTRACT BOOKS (TW).
5445	BOOSTER PUMP STATION NO. 17B - HIGHLAND RIDGE - 2024 - NEW CONSTRUCTION	\$1,875,000.00	2/15/2024	8/15/2024	NEW BOOSTER PMP STA NO. 17B-HIGHLAND RIDGE 2/1/24 WILL REQUEST ENGR DESIGN CONTRACT AT THE FEB COMMISSION MTG 3/1/24 GARVER ENGINEERS COMMENCING DESIGN (6 MONTH DESIGN) 4/1/24 DESIGN CONTINUES
5216	CANTRELL RD / I-430 WEST (SAM PECK RD TO TAYLOR LOOP RD) - HWY 10 PHASE 2 RELOCATIONS	\$4,500,000.00	12/12/2021	7/31/2024	8/3/23 CURRENTLY WORKING WITH ARDOT ON PRE-DESIGN 4/1/24 DESIGN WORK BY CAW ENGINEERING CONTINUES. SHOULD BID BY MID-YEAR 2024
5357	INTAKE STRUCTURE REHABILITATION - LAKE MAUMELLE and LAKE WINONA - 2024	\$750,000.00	2/17/2023	4/30/2024	INTAKE STRUCTURE REHABILITATION - LAKE MAUMELLE AND LAKE WINONA 3/1/24 DESIGN ENGR ASKED TO COMPLETE DESIGN AND READY THE PROJECT FOR BID 4/1/24 DESIGN PLANS SUBMITTED TO ADH FOR THEIR REVIEW
5315	JACKSONVILLE-CATO RD. PHASE 2 WATER MAIN RELOCATIONS SHERWOOD 2023	\$1,000,000.00	8/1/2022	12/31/2023	4/2/24 - JACKSONVILLE-CATO RD. MAIN RELOCATIONS FOR CITY OF SHERWOOD STREET IMPROVEMENT PROJECT - 4,400 L.F. OF 12" MAIN. GARVER STILL WORKING ON FINAL DRAWINGS AND OBTAINING ROW. PH. 2 EXTENDS THE PH. 1 WORK EAST TO THE END OF HWY. 107 (TW).
5421	WILSON WTP RENEWAL & RESILIENCY - 2023 - COMPLETE PLANT REHAB & RECONFIGURATION	\$135,000,000.00	3/16/2023	12/31/2024	WILSON WTP RENEWAL & RESILIENCY PROJECT ENGR SELECTED: HAZEN/SAWYER/HAWKINS/WEIR DESIGN COMMENCE MAR'23 DESIGN COMPLETE DEC'24 4/1/24 PROGRESSING TO 60% DESIGN BY LATE MAY 2024

\$148,425,000.00

Distribution – April 11, 2024

Mar. Main Break Summary

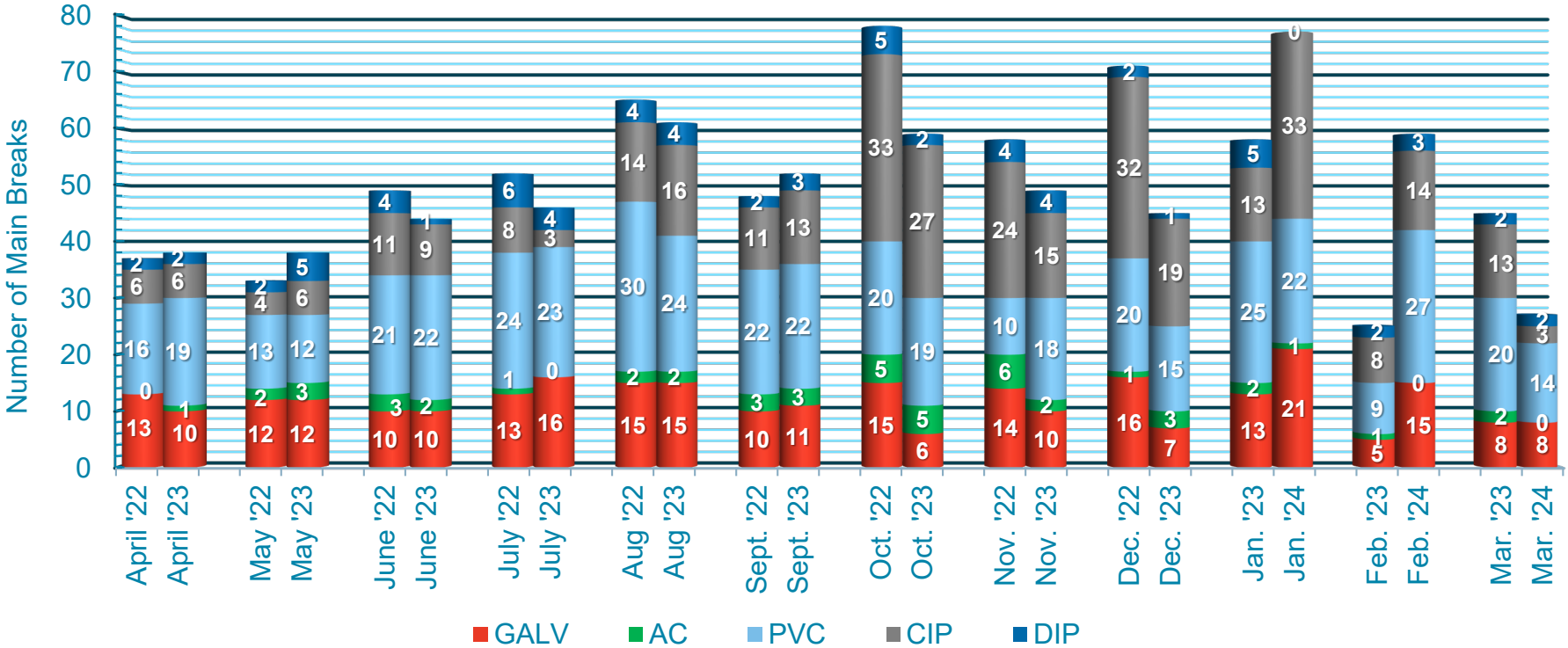
- 8 – 2” Galv. (1 BBC)
- 1 – 2” CI
- 8 – 2” PVC (3 BBC)
- 1 – 3” PVC (BBC)
- 1 – 4” PVC (BBC)
- 1 – 6” CI
- 2 – 6” PVC
- 1 – 12” CI
- 2 – 12” DI (2 BBC)
- 2 – 12” PVC (1BBC)

<u>Year</u>	Main Breaks		Galvanized	
	Mar.	YTD	Mar.	YTD
2024	37*	166	8	45
2023	45	130	8	26
2022	41	148	12	37
2021	64	223	29	65
2020	37	118	16	43
2019	38	122	7	36

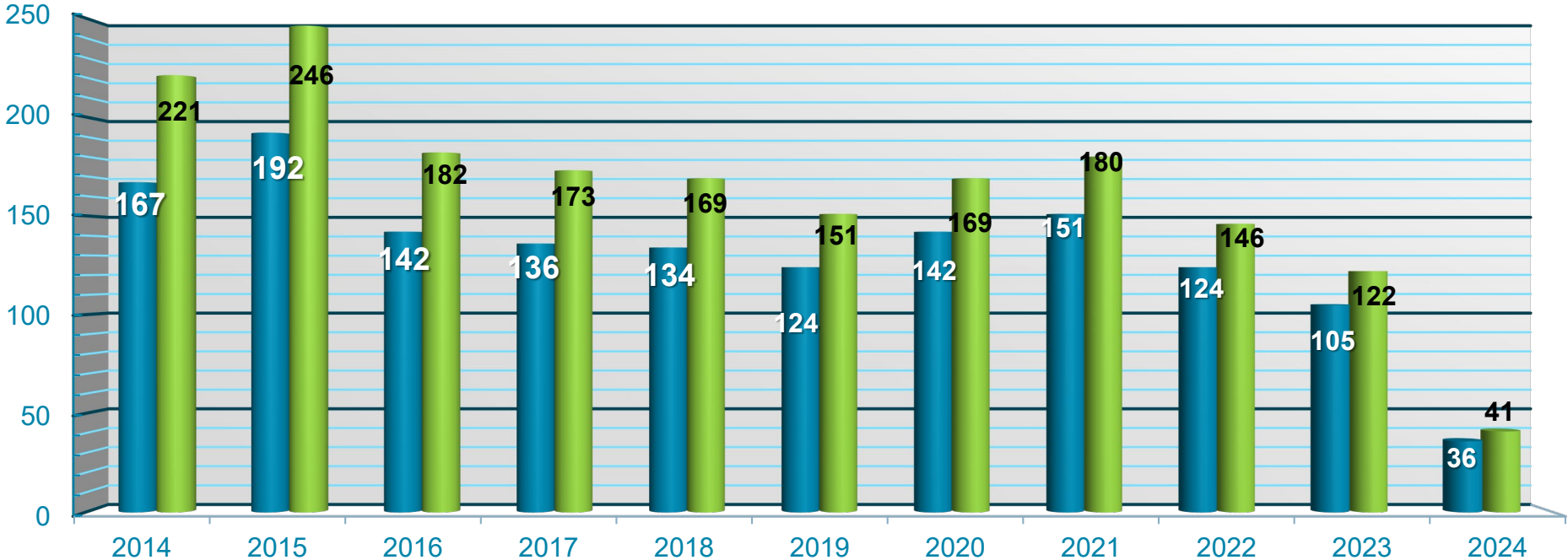
<u>Planned / Unplanned Shutdowns (Jan.)</u>	Broke by Contractor	Customer Affected
13 planned affecting 178 customers	5	69
2 unplanned affecting 70 customers	1	65
11 shutdowns not required	3	
11* pending repairs		

Main Break Comparison

RETURN



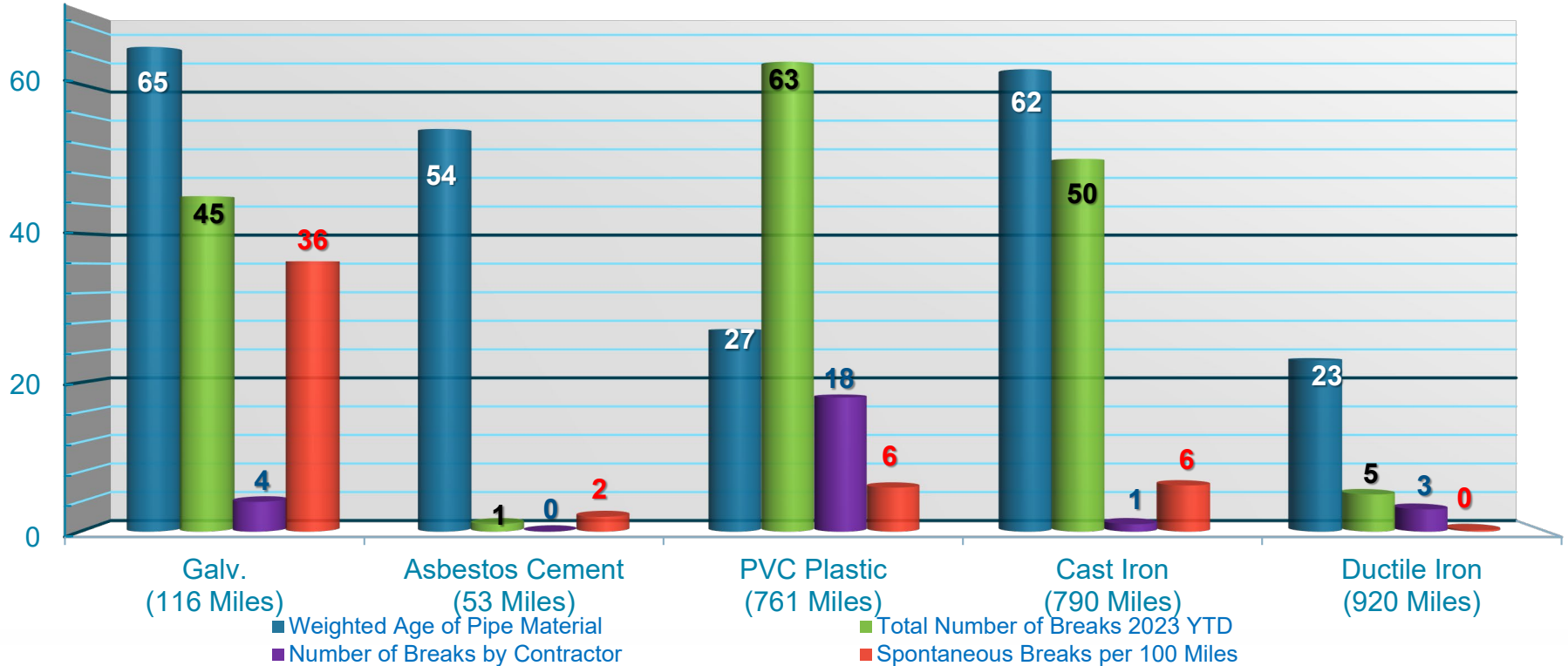
Spontaneous Breaks on Galvanize



■ Spontaneous Breaks per 100 miles of Galvanize Pipe ■ Spontaneous Breaks and Leaks for Galvanize

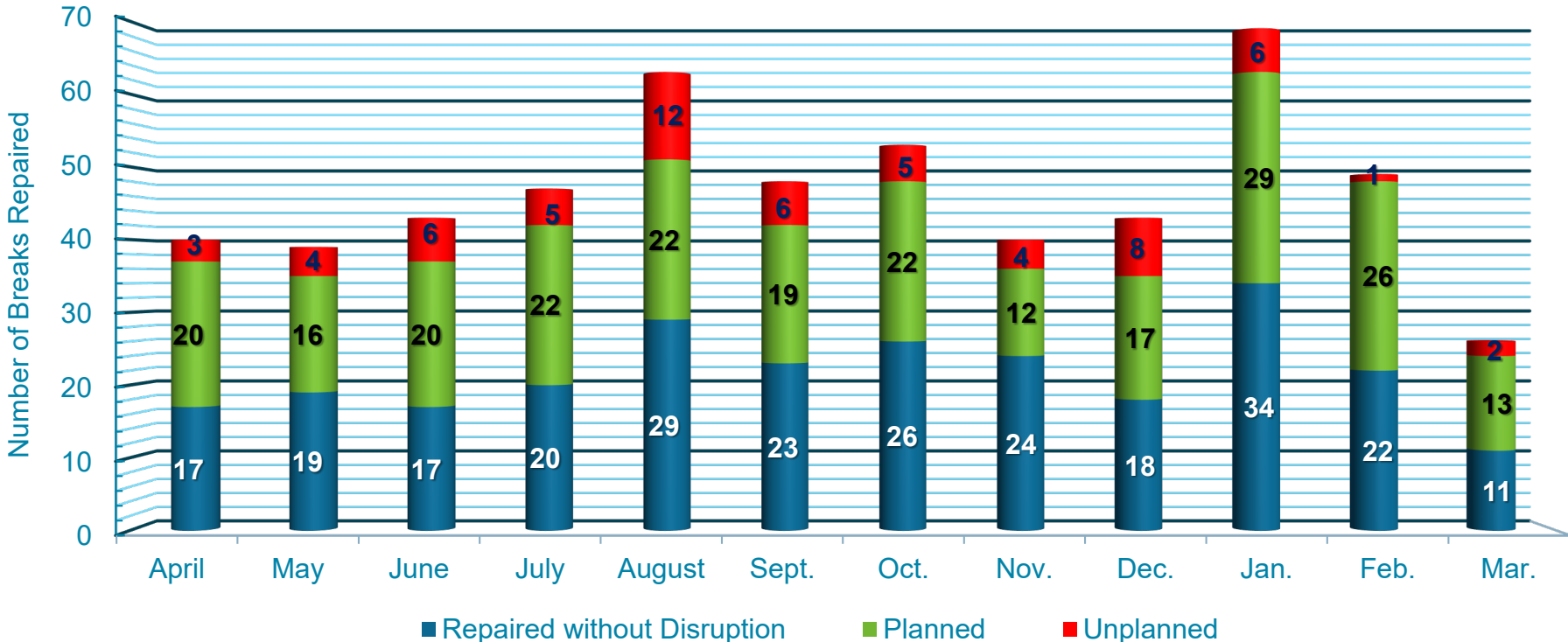
2024 YTD Breaks by Material

RETURN



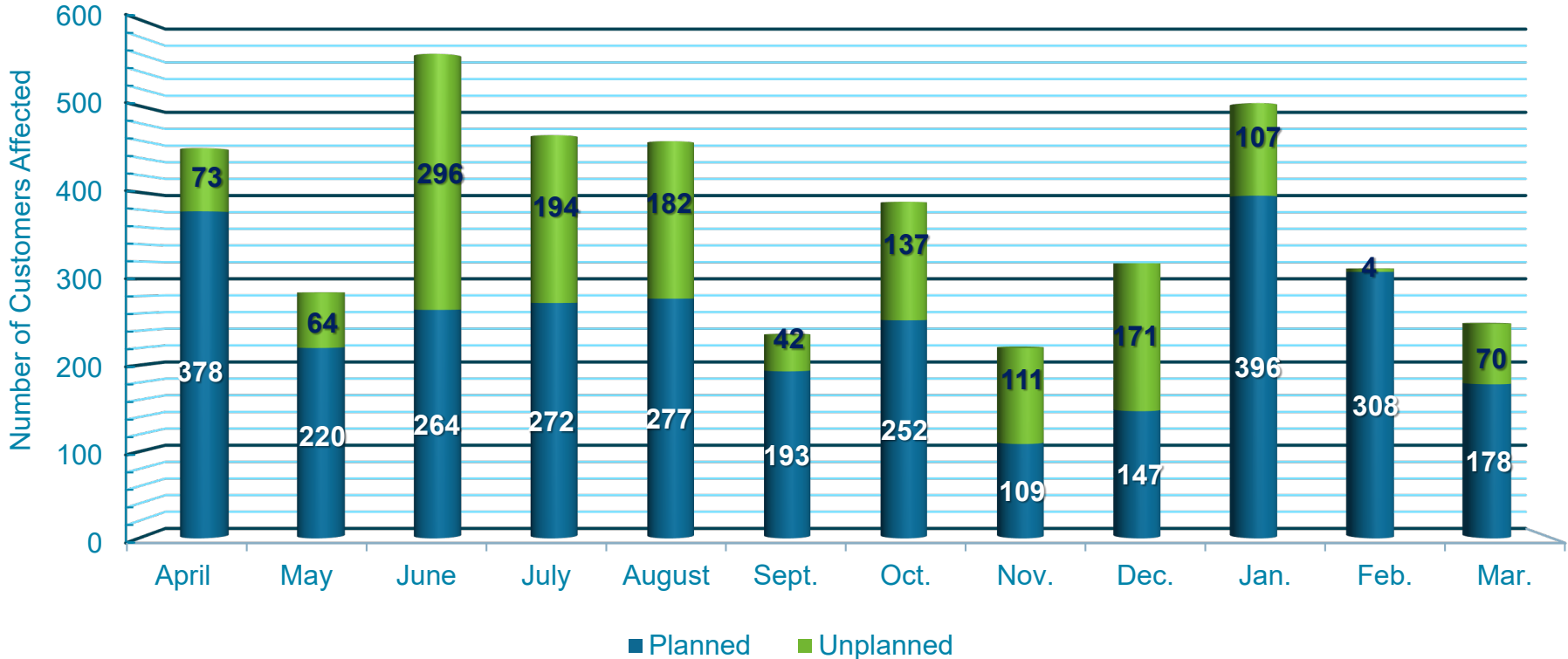
April 11, 2024

Planned vs. Unplanned Outage



Customer Outages

RETURN



Distribution Department

RETURN



	2024		2023	
	Mar.	YTD	Mar.	YTD
<u>New Services</u>				
1" Services:	32	123	64	158
1" Stubs:	9	21	10	31
Bullheads:	19	47	32	72
<u>Replaced Services</u>	66	174	35	105

			Mar.	YTD
Work Orders:			909	2,618
Meter Change-Out Program:			588	1,978 w/CS
Un-Locatable Valves:			0	0
Remaining:	>12"	1		
	4"-10"	96		
	<3"	189		
Valve Inspections:				
14" & Smaller			44	356
16" & Larger			173	
Fire Hydrants Inspections:			0	0
Pipe Installed/Replaced:			1,270'	2,330'



RETURN

New Meter Installs

176

*Count is based on date range selection

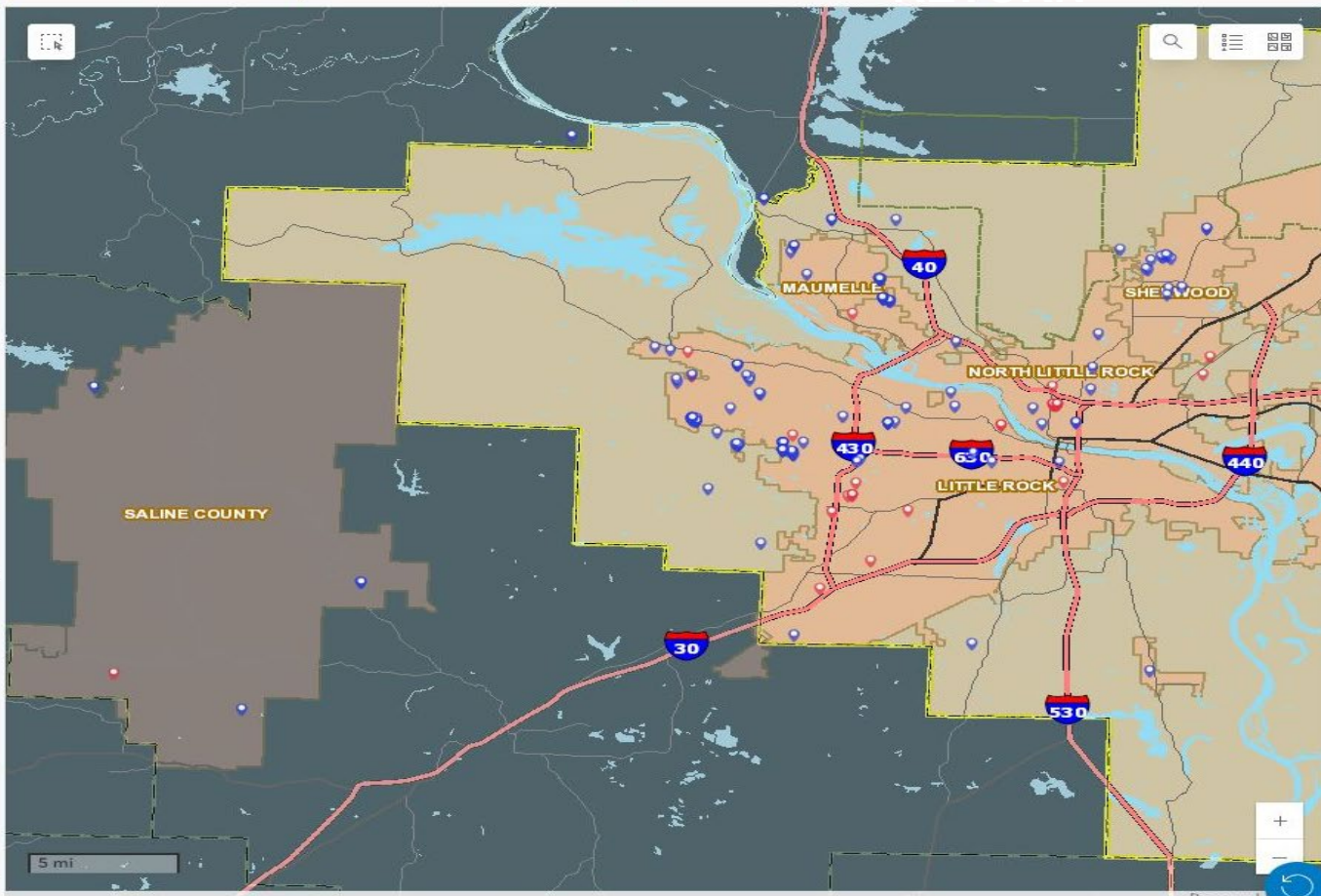
Installs Last Month

176

Installs Year To Date

352

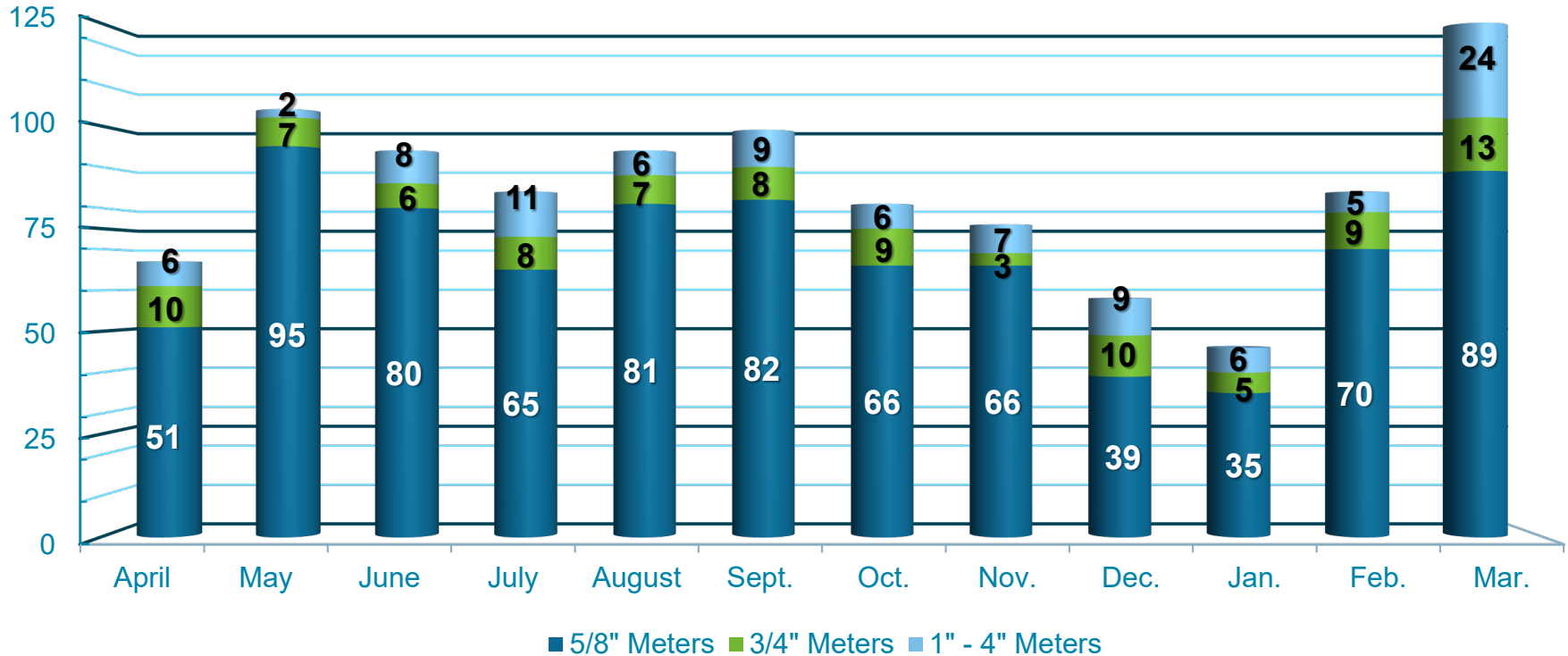
Installed Meter Counts



April 11, 2024

2024 YTD Domestic Service Meter Installations

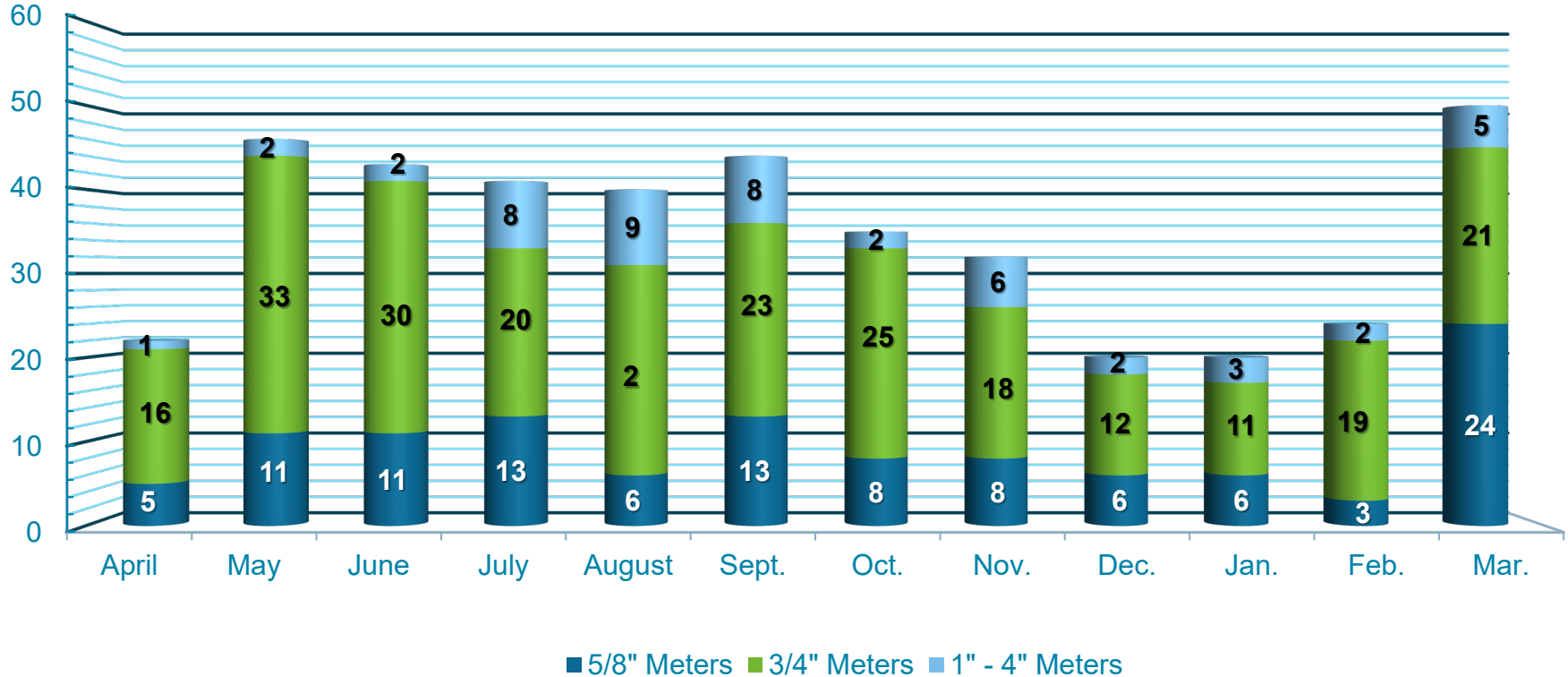
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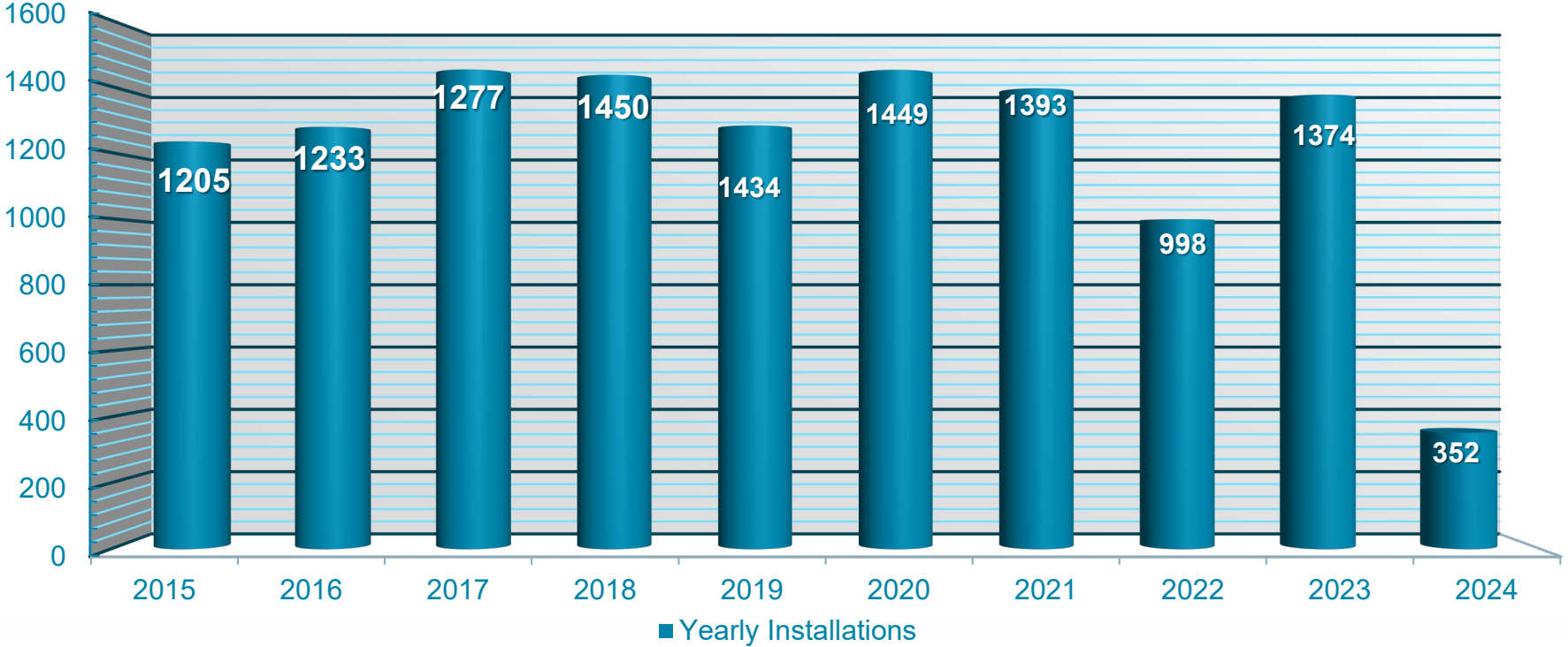
April 11, 2024

2024 YTD Irrigation Service Meter Installations

RETURN

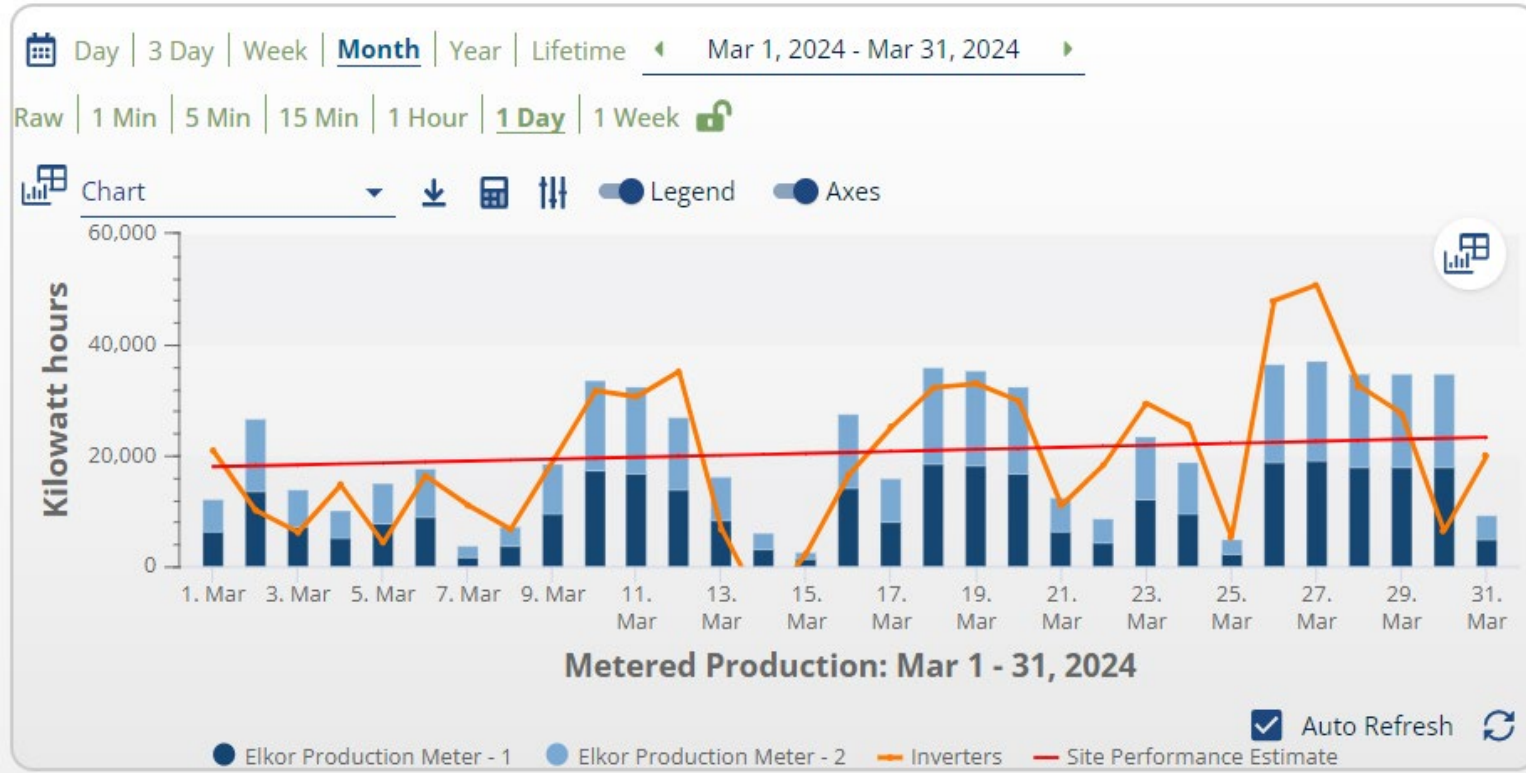


Meter Installations by Year



Sustainability and Facilities – April 11, 2024

RETURN



Water Production – April 11, 2024

RETURN



March Total Consumption

<u>2024</u>	<u>2023</u>
1.77 BG	1.64 BG

YTD to Date Consumption

<u>2024</u>	<u>2023</u>
5.64 BG	4.93 BG

Rainfall

<u>March</u>	<u>YTD</u>
5.98”	18.21”

Lake Update

Lake Winona	0.1 feet above spillway
Lake Maumelle	0.1 feet above spillway

Ozark Treatment Plant:

- ❑ Clearwell 3 inspected by remotely operated vehicle
- ❑ Backwash Tank #2 was cleaned and returned to service

Wilson Treatment Plant:

- ❑ Basin 3 returned to service after chain repairs

Paron System and Treatment Plant:

- ❑ Replaced finished pump
- ❑ Station 3 booster chlorinator repaired

Lake Maumelle and Lake Winona Pump:

- ❑ Smart ball inspected the 72-Inch
- ❑ Jackson Reservoir and pump station returned to service
- ❑ Replaced vacuum bottles in electrical gear

Distribution System:

- ❑ Tanks 14A, 16A, 17A, 22 and 24 were cleaned and returned to service
- ❑ Tank 2 returned to service
- ❑ Reset Station 23 vacuum pump

Wastewater:

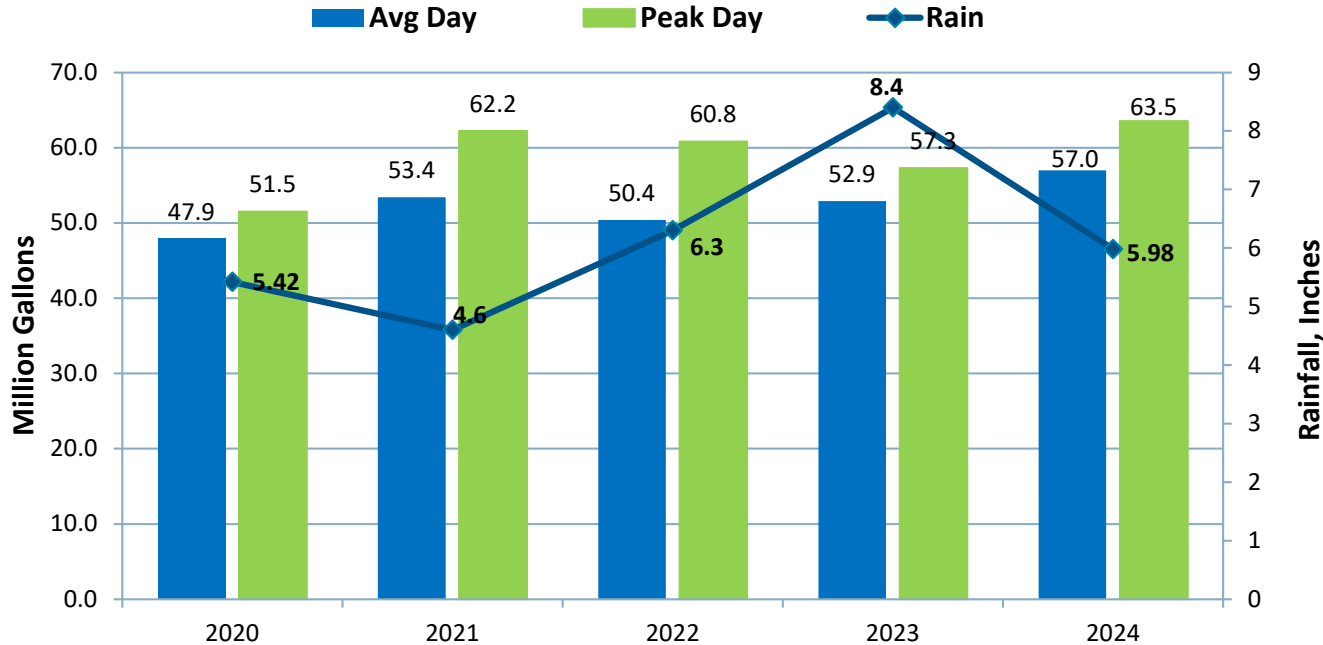
- ❑ Wrightsville pump station 3 repaired

Average/Peak Monthly Production

RETURN



March Monthly Production



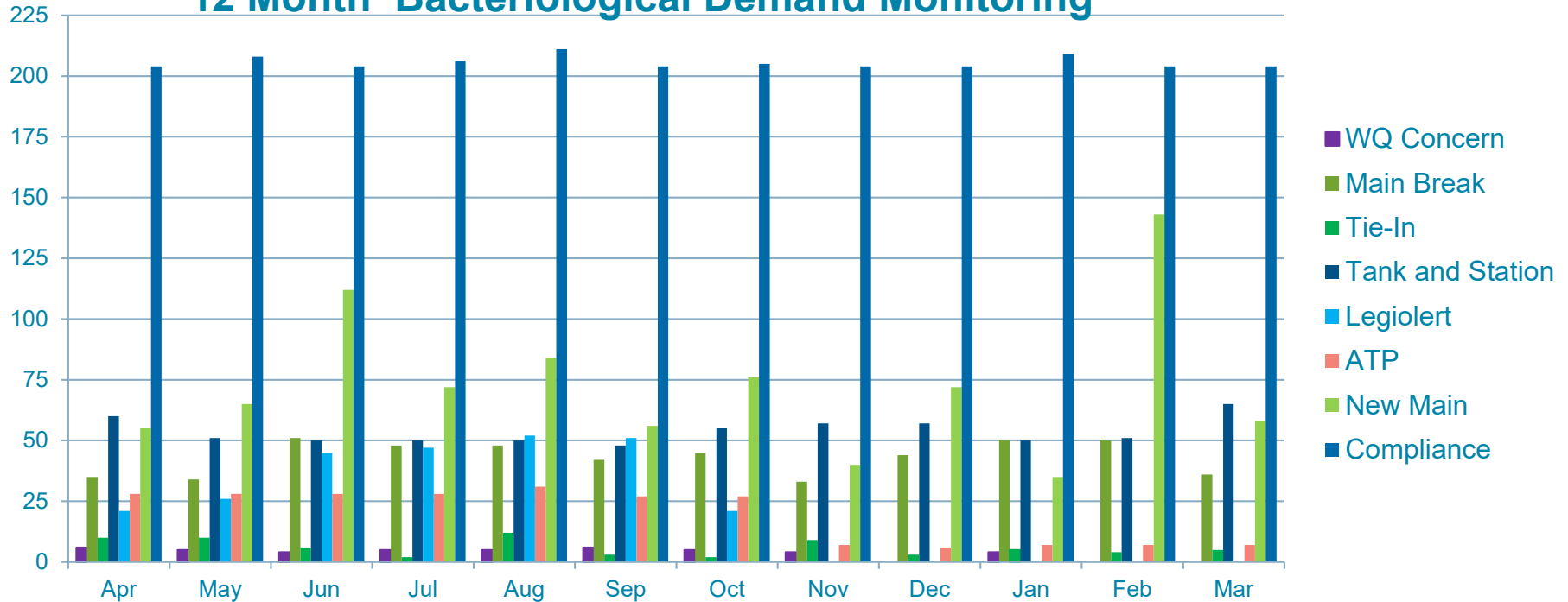
□ **March Previous 5 Year Avg. Day Consumption: 50.63 MGD**

Bacteriological Monitoring

RETURN



12 Month Bacteriological Demand Monitoring





Water Quality Sampling

- **Total Coliform Rule Sampling**
 - # Samples collected CAW 195
 - # Total Coliform Positive samples CAW 0
 - # Resamples collected CAW 0
 - # Samples collected Wye 3
 - # Total Coliform Positive samples Wye 0
 - # Samples collected Paron 3
 - # Total Coliform Positive samples Paron 0
 - # Samples collected Perla 3
 - # Total Coliform Positive samples Perla 0

- **New Main Sampling**
 - Projects 11
 - Samples collected 60

- **Disinfection By-Product Sampling**
 - # Sites monitored CAW 14
 - # Sites monitored Wye 0
 - # Sites monitored Paron 0

- **March Customer Concern Summary:**
 - Total # calls received 28
 - # Samples collected 0
 - # Positive samples 0

- **Customer Concern Samples by Category**
 - Health
 - Lead
 - Particles/biofilm
 - Discoloration
 - Taste/odor
 - Chlorine
 - Other/general inquiry

- **Special Sampling**
 - Perla system monitoring 3

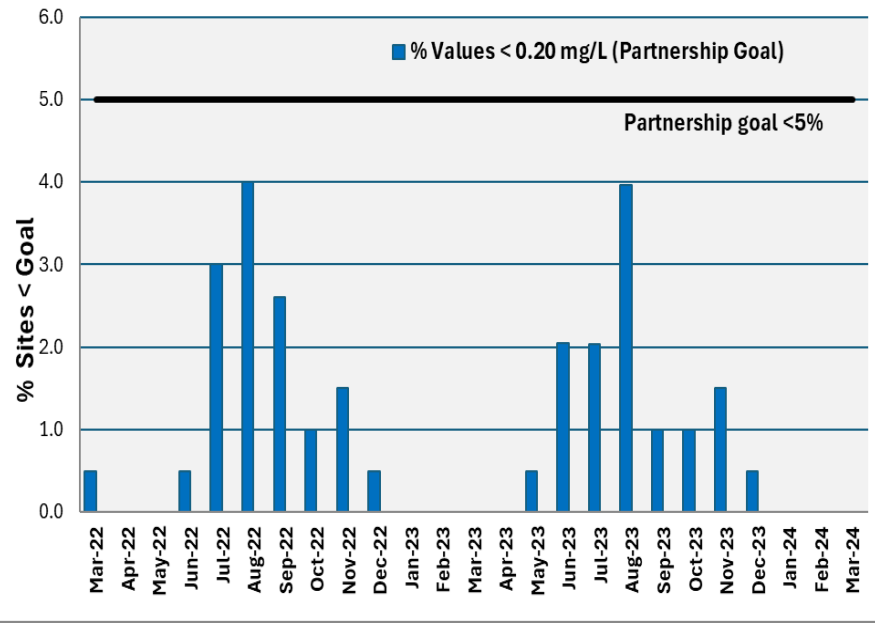
Distribution System Chlorine Residuals

RETURN



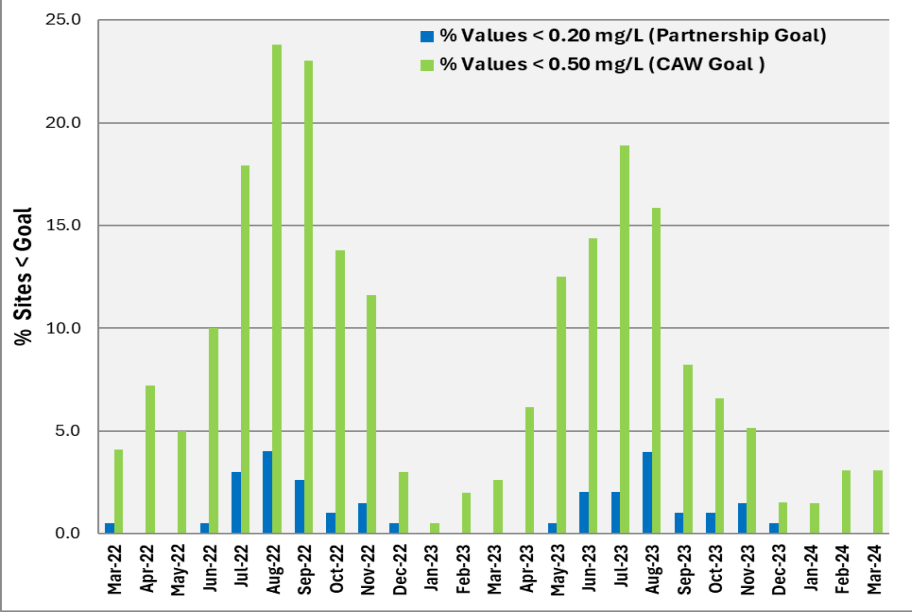
Partnership for Safe Water Goal

Percent of TCR Sample Site Free Chlorine Residual Values < Goal



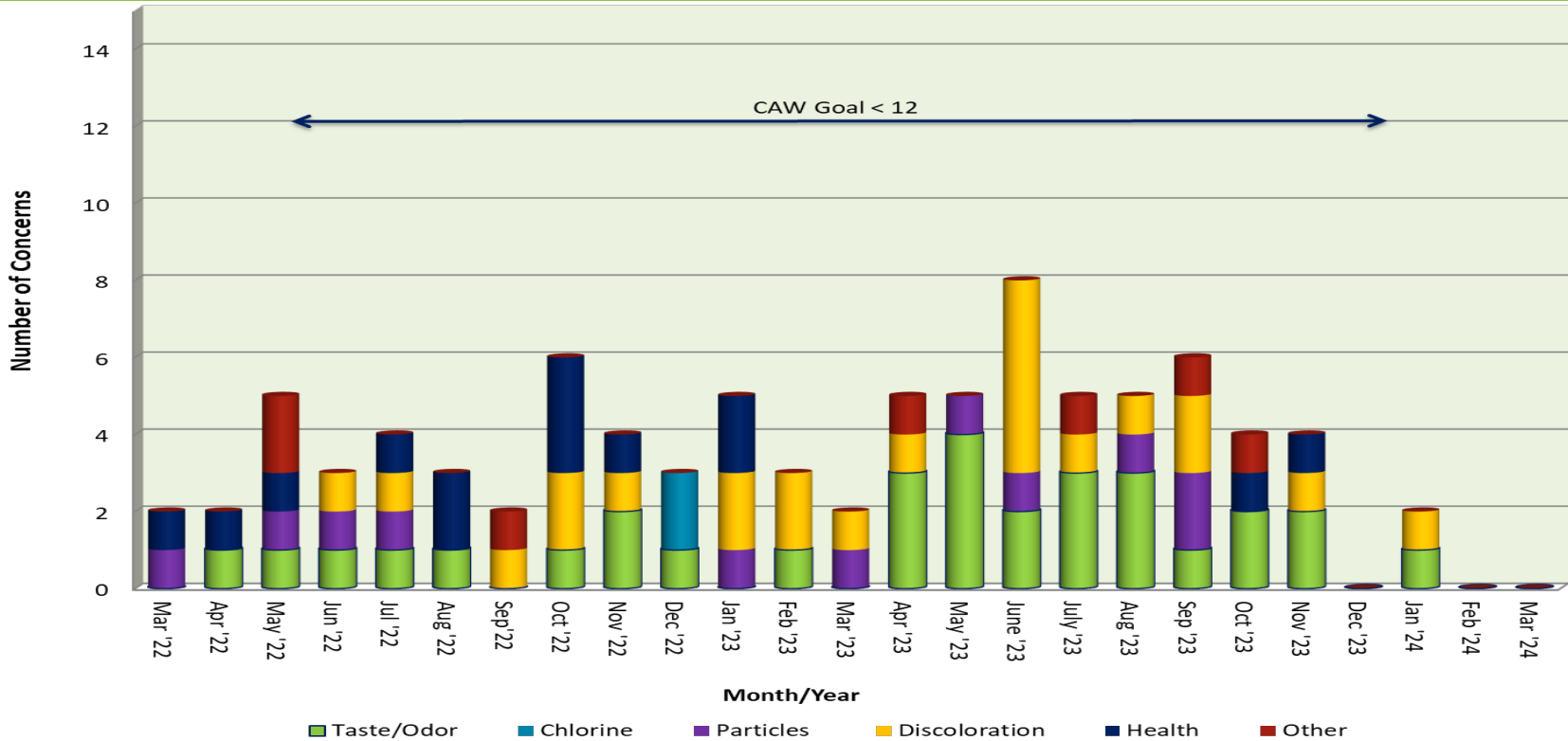
CAW Internal Goal

Percent TCR Sample Site Free Chlorine Residual Values < Goals



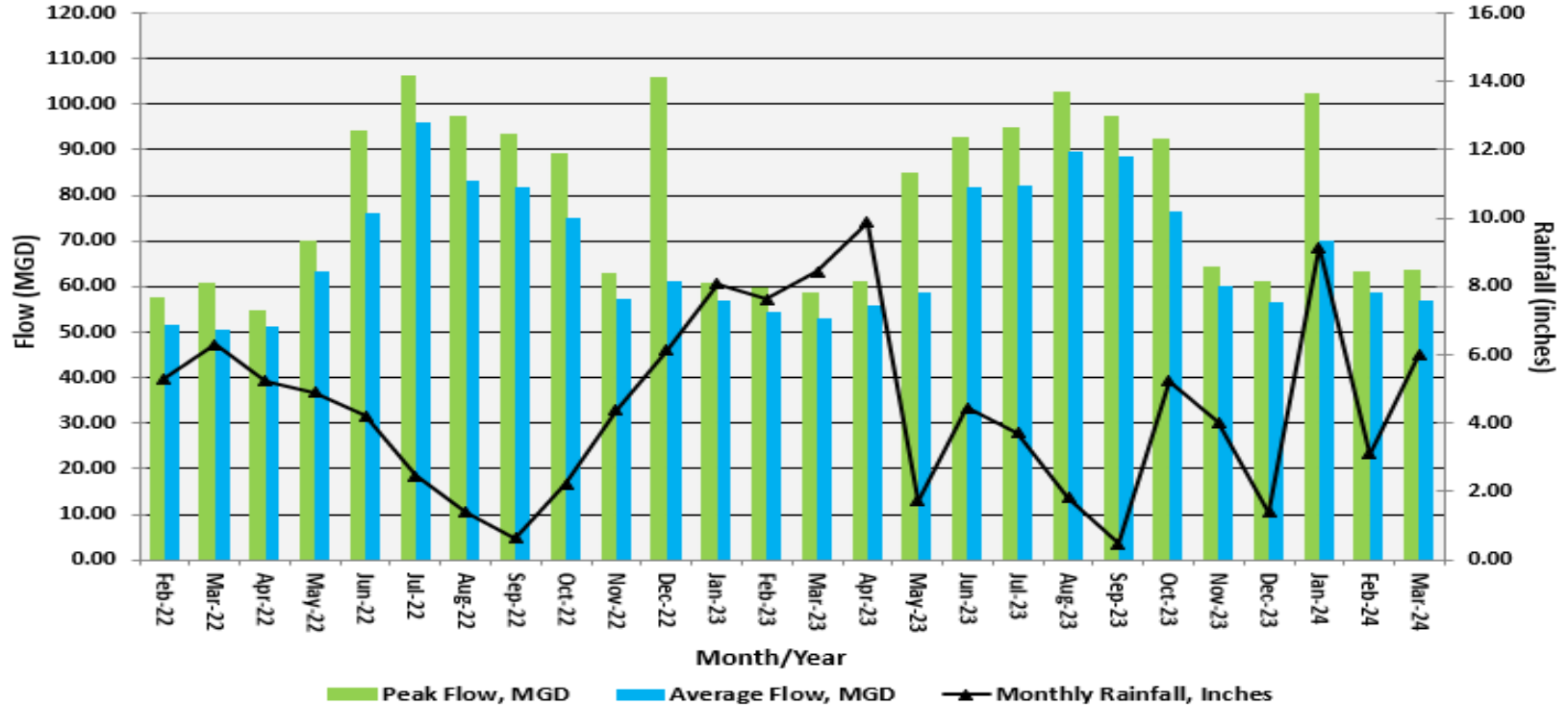
Customer Water Quality Concerns

RETURN



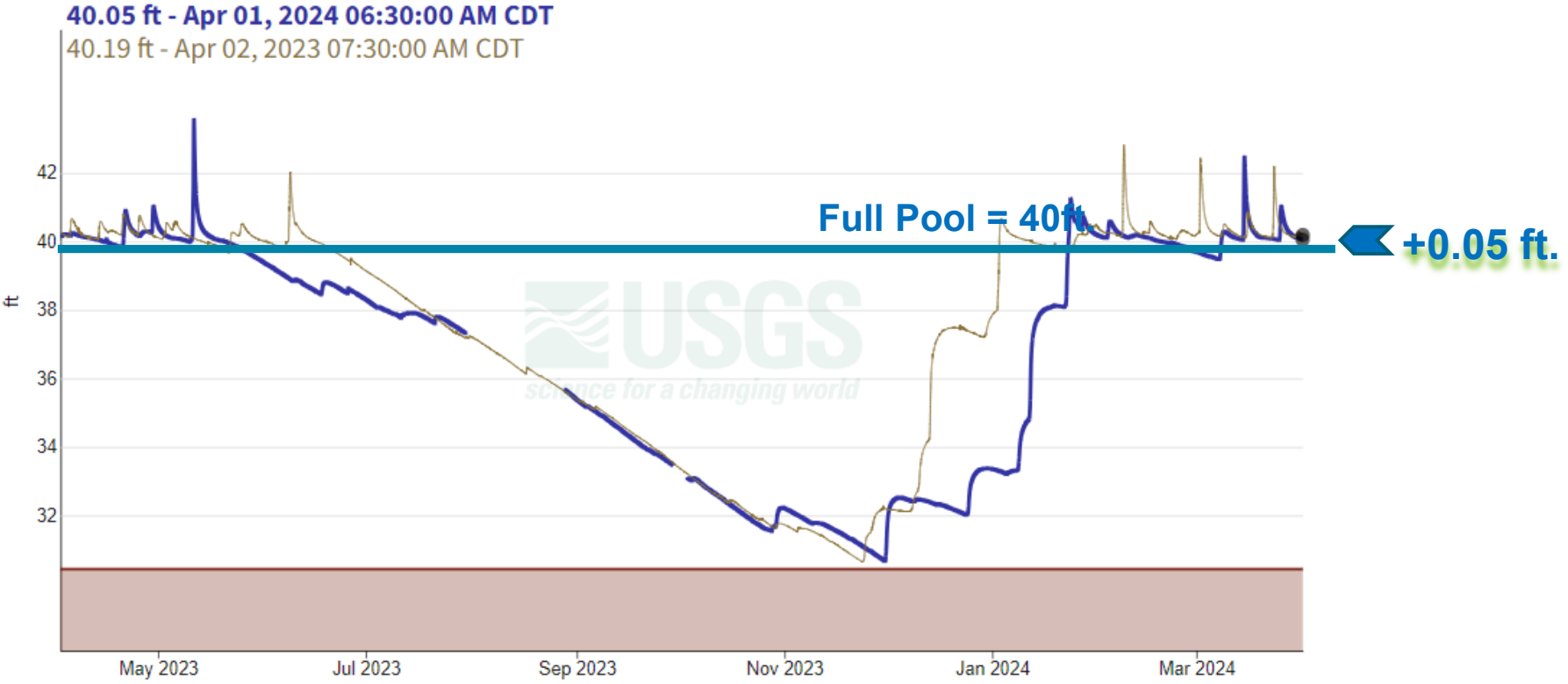
Monthly Peak & Average Day Flow vs Rainfall

RETURN



Lake Level: Winona

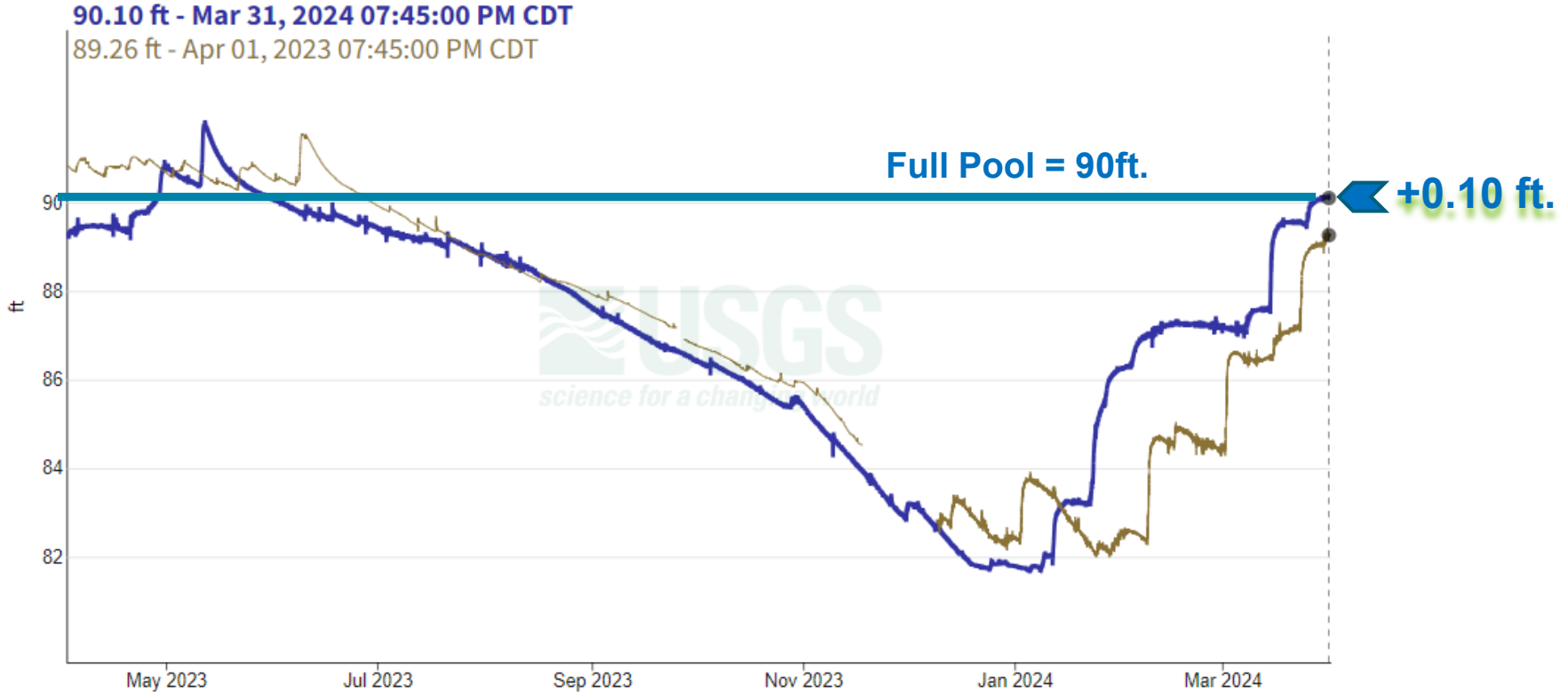
RETURN



April 11, 2024

Lake Level: Maumelle

RETURN



April 11, 2024

Drought Monitor

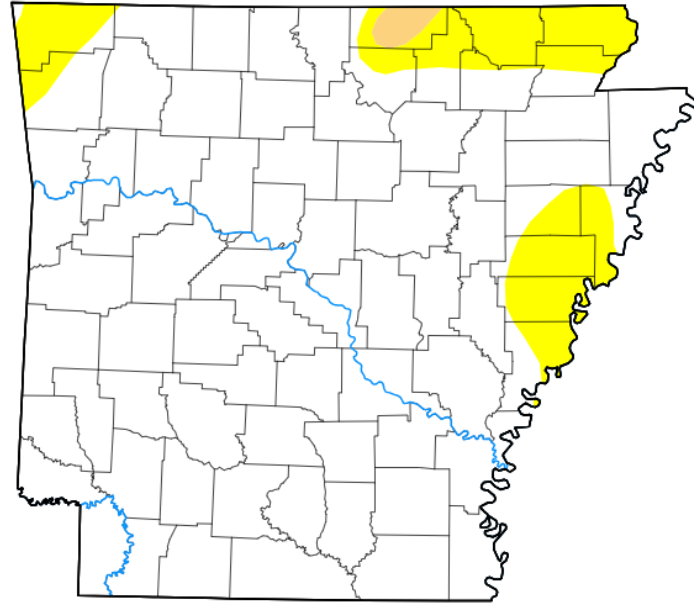
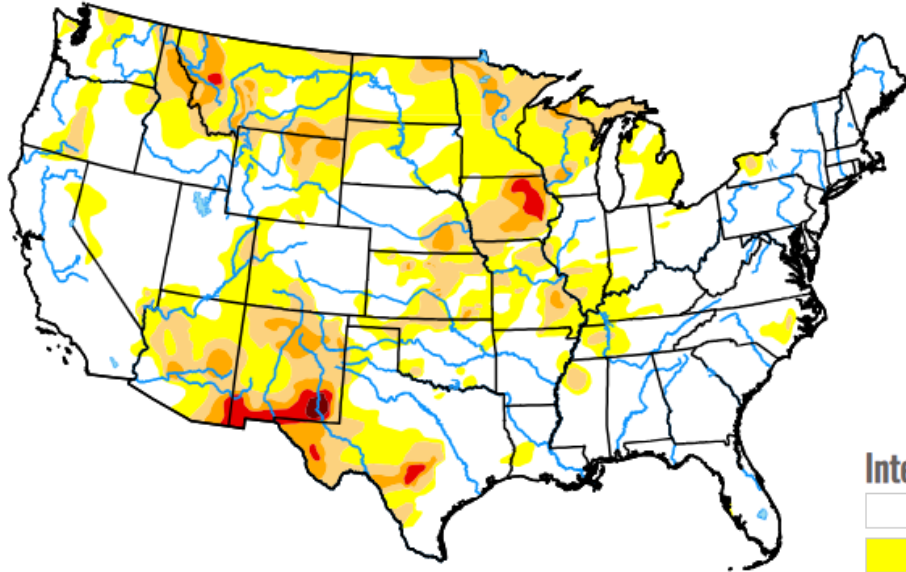
RETURN



U.S. Drought Monitor

Map released: Thurs. March 28, 2024

Data valid: March 26, 2024 at 8 a.m. EDT



Intensity

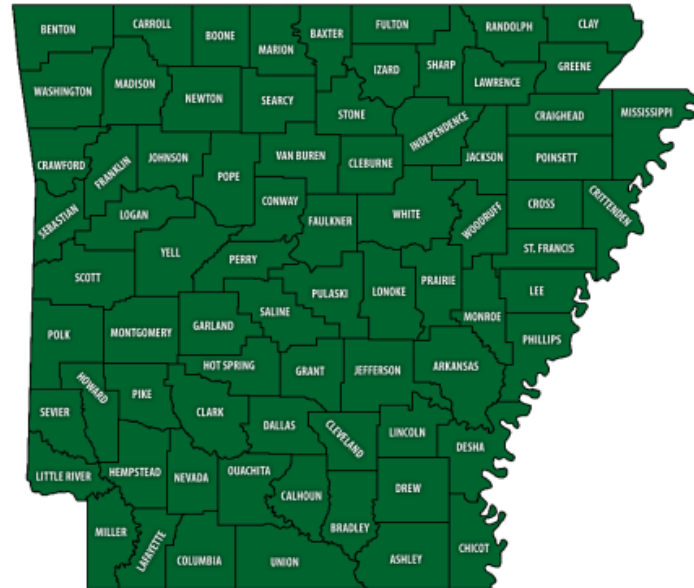
- | | |
|-----------------------|--------------------------|
| None | D3 (Extreme Drought) |
| D0 (Abnormally Dry) | D4 (Exceptional Drought) |
| D1 (Moderate Drought) | No Data |
| D2 (Severe Drought) | |

Wildfire Danger Status

RETURN



Wildfire Danger & Burn Bans as of
4/1/2024 7:33 AM



County Judges Issue Burn Bans

Watershed – April 11, 2024

RETURN



Key Metrics for March

LAND MANAGEMENT

Prescribed Fire	1,915 acres (2,783 YTD)
Prescribed Fire Prep (fire lines, etc.)	1 day
Boundary Marking	3 miles
Property Inspected for Potential Purchase	1
Forest Roads Maintained	1 mile
Invasive Species Treatment	1 acre

ECOLOGICAL MONITORING

Post Burn Assessments	2 units
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April Focus & Agenda Items

- ❑ **AGENDA:** None
- ❑ **FOCUS:** Eclipse Coverage, 2024 Intern Planning; National Watershed Protection Conference (KC); ASHP Annual Conference; Arkansas Water Conference (HS)

Major Activities for March

Watershed Accomplishments & Notables

- ❑ Staff led and attended a meeting regarding planning for the upcoming Eclipse in the areas of Lake Winona and Lake Maumelle/Pinnacle Mountain
- ❑ Staff conducted cooperative burns with The Nature Conservancy and the Arkansas Natural Heritage Commission across conservation ownership from Blue Mountain Natural Area to Lake Maumelle
- ❑ Staff held cleanup days at the Red Bluff Branch trail shelter and the Lake Winona Shop
- ❑ Staff installed two gates to prevent illegal entry into the Lake Maumelle watershed and painted new stripes on all the Hwy 10 roadside parks
- ❑ Lake Winona Parks/bathrooms are open for season

CAW-Internal Partnerships/Projects

- ❑ Bryan assisted Scott Phipps with ROV (aqua drone) operation to inspect Tank 23 and Ozark Clearwell 3
- ❑ Raven participated in cohort 2 of the deepSEE training
- ❑ Raven hosted two cross-training tours/trainings for other CAW staff
- ❑ Ben assisted with biological monitoring at the Cabot solar field

External Partnerships/Projects

- ❑ Staff assisted the USFS with prescribed burns in the Winona watershed (9,209 total acres and 1,214 CAW-owned lands)
- ❑ Bryan & Raven continued work related to the MPCA Partnership and Master Plan
- ❑ Ben assisted PMSP with invasive species identification at Lake Sylvia

Industry & Community Contributions

- ❑ Nash assisted with Be Pro Be Proud Draft Day at the Peak Innovation Center in Fort Smith
- ❑ Staff worked with the UCA Environmental Practicum Classes on two semester-long projects involving ponds on CAW property
- ❑ Bryan served on the UCA professional scientist panel for Environmental Practicum students
- ❑ The Watershed Team brought home 3rd place in the NLR Chamber's Bowling for Business event
- ❑ Raven attended the quarterly meeting of the Southeastern Partnership for Forests & Water Leadership Team and the Arkansas Water Plan kickoff meeting
- ❑ Ben attended a subcommittee meeting of the Arkansas Stream Heritage Partnership

RETURN Prescribed Fire through Partnerships



CAW
ANHC
TNC
USFS



- March: Nearly 10,000 acres burned in both watersheds (1,915 on CAW-owned lands)
- YTD: 2,783 acres on CAW Property



April 11, 2024

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