



Board of Commissioners
Thursday, March 16, 2023
2:00 p.m.

Board of Commissioners
Central Arkansas Water

AGENDA

2:00 p.m.
Thursday, March 16, 2023
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_MGI2NTg3NmltYzVhMC00ZmFhLTk0ODMtODExMWIxOTIkNzUx%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 Mary Dyson at Mary.Dyson@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 Newton)
2. **APPROVAL OF MINUTES** (Chair Newton)
 - a. February 16, 2023, Regular Meeting
3. **PUBLIC COMMENT PERIOD** (Chair Newton)
4. **FINANCIAL REPORT** (Cynthia Edwards, Director of Finance)
5. **CONFIRM CONSENT AGENDA** (Chair Newton)
6. **CONSENT AGENDA** (Chair Newton)

- a. **Hydrilla Remediation** (Sharon Sweeney, Water Quality Manager)

Staff requests Board approval to purchase SePRO Herbicide and the Automated Injection Control System in the amount of \$2,503,590.36. This application is in accordance with the 2023

Big Drop – System Reliability

Lake Management plan to eradicate the Hydrilla in Lake Maumelle over a 5-year period.

- b. VMWare Host and VMWare License** (*Jeff Eades, Infrastructure Manager*) **Big Drop – System Reliability**

Staff requests Board approval to purchase VMWare Host and VMWare License from ConvergeOne in the amount of \$126,177.21. This project will allow CAW to move the servers hosted in our demilitarized zone network to a virtual environment, enabling them to be covered by the disaster recovery policy and also add redundancy to help improve the cybersecurity profile.

7. NON-CONSENT AGENDA (*Chair Newton*)

- a. Procurement Month Proclamation** (*Cynthia Edwards, Director of Finance*) **Big Drop – Financial Viability**

Staff requests Board approval of a Resolution to proclaim March 2023 as “Procurement Month” for CAW. March is nationally recognized as “Procurement Month” by the Institute for Public Procurement, National Procurement Institute, National Association of State Procurement Officials, and other associations.

- b. Resolution Authorizing the Issuance of Water Revenue Bond, Series 2023A** (*Jeff Mascagni, Chief Financial Officer*) **Big Drop – Financial Viability**

Staff requests Board approval of a Resolution authorizing the issuance of Water Revenue Bond, Series 2023A, in the amount of \$2,533,000 to finance Hydrilla remediation at Lake Maumelle.

- c. Presentation on Bond Revenue Coverage and Rate Stabilization Account** (*Jeff Mascagni, Chief Financial Officer*) **Big Drop – Financial Viability**

Staff will make a presentation on Bond Revenue Coverage for 2022 and impact to Rate Stabilization Account. Staff will also request Board approval to transfer Series 2023A bond proceeds in the amount of \$2,486,000 into the Rate Stabilization Account.

- d. Jack H. Wilson Water Treatment Plant Improvements - Design Services** (*Jim Ferguson, Director of Engineering*) **Big Drop – System Reliability**

Staff requests Board approval to amend the existing engineering contract with Hazen and Sawyer in the amount of \$10,203,693

to perform detailed engineering design, assist CAW with the selection of a Construction Manager At Risk (CMAR) Contractor to provide construction services for this project, coordinate with CMAR on design, value engineering, and cost model, and obtain and review CMAR's guaranteed maximum price (GMP) bids for the Jack H. Wilson Renewal and Resiliency Project.

8. INFORMATION SHARING

a. Sustainability (*Linda Smith, Director of Sustainability and Facilities*)

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

10. ADJOURN (*Chair Newton*)

Minutes of a Regular Meeting
Board of Commissioners
Central Arkansas Water

February 16, 2023

The Board of Commissioners of Central Arkansas Water (CAW) convened in a regular meeting at 2:00 p.m. on Thursday, February 16, 2023, via Teams and in the Board Room of the James T. Harvey Administration Building located at 221 East Capitol Avenue, Little Rock, Arkansas.

Present:

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

CAW Staff in Attendance:

Mr. Tad Bohannon, Chief Executive Officer
Mr. David Johnson, General Counsel
Mr. Jeff Mascagni, Chief Financial Officer
Mr. Blake Weindorf, P.E., Chief Operating Officer
Ms. Janine Woods, Chief People & Inclusion Officer
Mr. Jim Ferguson, P.E., Director of Engineering
Ms. Cynthia Edwards, Director of Finance
Mr. Terry Frazier, Director of Customer Service
Mr. Danny Dunn, Director of Distribution
Ms. Chelsea Boozer, Government Affairs Manager
Ms. Sharon Sweeney, Water Quality Manager
Mr. Jessie Austin, Distribution Foreman
Mr. Doug Shackelford, Director of Public Affairs & Communications
Ms. Mary Dyson, Executive Assistant

CAW Staff via Teleconferencing:

Mr. Alex Harper, GIS Manager
Mr. Andrew Pownall, P.E., Senior Engineer
Ms. Angeline Huey, Senior Accountant
Mr. Brooks Lee, Business Analyst
Mr. Chris Shahan, Assistant Director of Distribution
Mr. Doug Farler, Operations Manager
Mr. Doug Graham, Optimization Manager
Ms. Jane Hurley, Education and Outreach Specialist
Mr. Jordan Small, Senior Accountant
Mr. Kevin Hall, Director of Environmental Health & Safety
Ms. Linda Smith, Director of Sustainability and Facilities
Mr. Matthew Smith, Engineer
Mr. Patrick Greene, Customer Service Field Manager
Ms. Raven Lawson, Watershed Protection Manager

Mr. Sam Zehtaban, Director of Water Production

Also, in Attendance:

Mr. Joseph 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

Mr. Barry Haas, Citizen

Ms. Carolyn Shearman, Friends of the Ouachita Trail

Mr. Mark Hedrick, Citizen

Ms. Chelsea Cook, Citizen

CALL TO ORDER

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

EMPLOYEE RECOGNITION

Mr. Dunn recognized Jessie Austin for 30 years of dedicated service.

APPROVAL OF BOARD MINUTES

Upon a motion duly made by Commissioner McKenzie and seconded by Commissioner Hartman, the minutes of the January 10, 2023, Joint Working Session were unanimously approved.

Upon a motion duly made by Commissioner Hughes and seconded by Commissioner McKenzie, the minutes of the January 12, 2023, Regular Meeting were unanimously approved.

PUBLIC COMMENT PERIOD

Director Miller recognized Mr. Bohannon, Ms. Boozer, and Mr. Frazier for attending the Arkansas Community Organization (ACO) meeting on Monday, February 6, 2023, and for answering questions regarding the rate increase in an exemplary manner. Director Miller stated Director Hines plans to submit a revised Resolution for the following week's meeting of the Little Rock Board of Directors and noted their displeasure concerning CAW's rate resolution. Chair Newton thanked Director Miller for attending.

FINANCIAL REPORT

Ms. Edwards provided a year-to-date financial update on utility operations.

POLICY DISCUSSION

Mr. Bohannon provided an update on CAW's Financial Metrics/Bond Rating and CAW's public stance on HB1370, The Arkansas Cost-Shifting Prevention Act of 2023.

CONSENT AGENDA

- a. **Resolution of Intent to Issue Water Revenue Bonds**

Approval of a Resolution of Signatory Authority and a Resolution of Intent to issue Water Revenue Bonds not to exceed \$11,000,000 for capital improvements needed at the Jack H. Wilson Water Treatment Plant.

b. Large Capacity Water Pumps and Motors for Raw Water Pump Station No. 12

Approval requested to purchase three (3) large capacity water pumps and electric motors from Instrument and Supply in the amount of \$1,080,000.00 (sales tax not included). The pumps will be installed at the raw water pump station No. 12 located at Jackson Reservoir. The Board approved an engineering contract for this project in June 2022, and CAW is ordering these pumps to get a spot in line for delivery in late 2023 or early 2024.

c. Purchase One (1) Dump Truck and Three (3) Crew Trucks

Approval requested to purchase one (1) new dump truck with dump bed, and three (3) new crew trucks with service bodies and air compressors. Total purchase price for all units is \$716,867.00.

d. Purchase Two (2) Vacuum Excavation Machines (VAC-Tron)

Approval requested to purchase two (2) Vacuum Excavation Machines from Vermeer Midsouth in the amount of \$175,788.00. Following a pilot project in 2022, it was determined that trailer-mounted Vac-Tron's were most efficient and flexible to meet CAW's hydro-excavation needs.

Upon a motion duly made by Commissioner Barth and seconded by Commissioner McKenzie, after due consideration and discussion, the Consent Agenda was unanimously approved.

INFORMATION SHARING

2050 Strategic Plan Update

Mr. Bohannon provided an update on the 2050 Strategic Plan.

Lake Management Planning

Ms. Sweeney provided an update on lake management planning.

Government Affairs - LIHWAP

Ms. Boozer provided an update on the LIHWAP program.

BOARD BRIEFING

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

ADJOURNMENT

Upon a motion duly made by Commissioner Smith and seconded by Commissioner Hughes, the meeting was adjourned at 3:09 p.m.

Carmen Smith, Secretary/Treasurer

DATE _____

AMT _____

CENTRAL ARKANSAS WATER
BOARD OF COMMISSIONERS
AGENDA ITEM

Date: March 16, 2023 **Department:** Water Production **Project ID#:** _____

Item Title: SePRO herbicide and Automated Injection Control System

Budget Amount: \$2,503,590.36 **Estimate:** \$2,500,000.00 **Source of Funds:** O&M

Narrative / Description:

CAW received approval to use this selective aquatic herbicide from both the U.S. Environmental Protection Agency and the Arkansas Department of Health. The products have a proven record of safety and efficacy and have been used extensively in drinking water reservoirs. As recommended in the 2023 Lake Management Plan, the application of fluridone-based herbicides will allow CAW staff to reduce the growth and spread of hydrilla in Lake Maumelle, improving reservoir water quality and reducing the likelihood of harmful algal blooms and treatment plant disruptions. The goal of herbicide application is to eradicate the hydrilla in Lake Maumelle over a 5-year period. Both the pellet and liquid formulation will be used to maximize results. This purchase is for the 2023 application which will consist of three treatments.

The vendor has offered a multi-year pricing agreement, with a yearly increase based on the Consumer Price Index, renewable through December 31, 2025. Additionally, the vendor will package the pelletized product (Sonar One) in 40-pound bags instead of 20-pound plastic pails to eliminate plastic waste and for easier product handling and application. SePRO will provide technical support for this herbicide application program.

The invitation to bid was advertised as required on February 9, 2023. Only one bid was received.

Vendor	Item Description	Bid Amount
SePRO	Sonar One (65,700 pounds)	\$ 2,327,751.00
SePRO	Sonar Genesis (528 gallons)	\$ 157,539.36
SePRO	Automated Injection Control System (for Sonar Genesis)	\$ 18,300.00
	Total:	\$ 2,503,590.36

Recommendation:

Approve the purchase of SePRO brand herbicide (65,700 pounds of SePRO Sonar One and 528 gallons of SePRO Sonar Genesis) and the automated injection control system in the amount of **\$2,503,590.36**.

Bid Amount: \$2,503,590.36

Additional Comments:

Signature: Sam Zehtaban

Title: Director of Water Production

DATE _____

AMT _____

CENTRAL ARKANSAS WATER
BOARD OF COMMISSIONERS
AGENDA ITEM

Date: March 16, 2023 **Department:** Information Services **Project ID#:** Capital

Item Title: VMWare Host / VMWare License Additions

Budget Amount: \$122,000 **Estimate:** N/A **Source of Funds:** Rates

Narrative / Description:

Central Arkansas Water has servers that take communication directly from customers across the internet. These servers perform the following tasks: giving account balances; providing PAGIS information; acting as payment gateways; offering Virtual Desktops to outside billing partners and Customer Services Reps. These servers are in a demilitarized zone network (DMZ) network and allow access to untrusted networks, such as internet connections to CAW servers without direct connection to internal CAW servers.

The VMWare virtual configuration will follow the CAW Disaster Recovery (DR) strategy. This configuration will allow the servers to use a shared storage device replicated from James T Harvey Administration Building (JTH) to the CAW DR site at Clearwater Maintenance Complex (CLW). Moving the servers from one physical server to two VMWare servers at JTH and two VMWare servers at CLW will allow CAW to replicate these servers to the DR site.

Please find two quotes from ConvergeOne attached.

Recommendation:

Approve proceeding with work on ConvergeOne Quotes #OP-000721199 and OP-000695325. Purchased on State contract # AR3227 4600048977 SP-20-0051 and public sector contract #NCPA 01-96 in the amount of \$126,177.21.

Bid Amount: \$126,177.21

Additional Comments:

This project will allow CAW to move the servers hosted in our DMZ to a virtual environment, enabling them to be covered by the DR policy and will also add redundancy to help improve the cybersecurity profile.

Signature: Allen Vincent

Title: Director of Information Services

Solution Summary

CAWS POWEREDGE R650

<p>Customer: CENTRAL ARKANSAS WATER</p> <p>Ship To Address: 221 E CAPITOL AVE LITTLE ROCK, AR 72202</p> <p>Bill To Address: PO BOX 1789 LITTLE ROCK, AR 72203</p> <p>Customer ID: AOSZCTRL102</p> <p>Customer PO:</p>	<p>Primary Contact: Jeff Eades</p> <p>Email: jeff.eades@carkw.com</p> <p>Phone: 501-377-1274</p> <p>National Account Manager: Pamela Grace</p> <p>Email: PGrace@convergeone.com</p> <p>Phone:</p>
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Solution Summary	Current Due	Next Invoice	Due	Remaining	Total Project
Hardware	\$46,569.56		One-Time		\$46,569.56
Professional Services	\$23,576.00		One-Time		\$23,576.00
Project Subtotal	\$70,145.56				\$70,145.56
Estimated Tax	\$4,016.63				
Estimated Freight	\$0.00				
Estimated Recycle Fee	NOT INCLUDED				
Project Total	\$74,162.19				\$74,162.19

This Solution Summary summarizes the documents(s) that are attached hereto and such documents are incorporated herein by reference (collectively, this "Order"). Customer's signature on this Order (or Customer's issuance of a purchase order in connection with this Order) shall represent Customer's agreement with each document in this Order and acknowledgement that such attached document(s) are represented accurately by this Solution Summary.

Unless otherwise specified in this Order, this Order shall be subject to the following terms and conditions (the "Agreement"): (i) the Master Sales Agreement or other applicable master agreement in effect as of the date hereof between ConvergeOne, Inc. and/or its subsidiaries and affiliates (collectively, "C1" or "ConvergeOne" or "Seller") and Customer; or (ii) if no such master agreement is currently in place between C1 and Customer, the Online General Terms and Conditions currently found on the internet at: <https://www.convergeone.com/online-general-terms-and-conditions/> . If Customer's Agreement is a master agreement entered into with one of ConvergeOne, Inc.'s predecessors, affiliates and/or subsidiaries ("Legacy Master Agreement"), the terms and conditions of such Legacy Master Agreement shall apply to this Order, subject to any modifications, located at: <https://www.convergeone.com/online-general-terms-and-conditions/> . In the event of a conflict between the terms and conditions in the Agreement and this Order, the order of precedence shall be as follows: (i) this Order (with the most recent and specific document controlling if there are conflicts between the Solution Summary and any applicable supporting document(s) incorporated into this Order), (ii) Attachment A to the Agreement (if applicable), and (iii) the main body of the Agreement.

This Order may include the sale of any of the following to Customer: (a) any hardware, third party software, and/or Seller software (collectively, "Products"); (b) any installation services, professional services, and/or third party provided support services that are generally associated with the Products and sold to customers by Seller (collectively, "Professional Services"); (c) any Seller-provided vendor management services, software release management services, remote monitoring services and/or, troubleshooting services (collectively, "Managed Services"); and/or (d) any Seller-provided maintenance services ordered by Customer to maintain and service Supported Products or Supported Systems at Supported Sites to ensure that they operate in conformance with their respective documentation and specifications (collectively, "Maintenance Services"). For ease of reference only, Professional Services, Managed Services and Maintenance Services may be referred to collectively as "Services." Unless otherwise defined herein, capitalized terms used herein will have the same meanings as set forth in the Agreement.

Notwithstanding anything to the contrary stated above, this Order is subject to the terms and conditions of the Public Sector Contract referenced herein, and such Public Sector Contract supersedes all references to a Master Sales Agreement, the Online General Terms and Conditions, and/or a Legacy Master Agreement referred above

Products and/or Services not specifically itemized are not provided hereunder. This Order will be valid for a period of thirty (30) days following the date hereof. Thereafter, this Order will no longer be of any force and effect. Due to rapidly changing prices in the market for third party Products and/or Services, after the expiration of the foregoing 30 day period, Seller reserves the right to adjust offerings and/or prices accordingly prior to issuing any new Order(s).

This Order is a configured order and/or contains software.

ACCEPTED BY:

BUYER: _____ DATE: _____ SELLER: _____ DATE: _____

TITLE: _____ TITLE: _____

Solution Quote

Description	Public Sector Contract	Term	Qty	Unit List Price	Extended List	% Disc	Unit Price	Extended Price
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Hardware

POWEREDGE R650 SERVER	NCPA 01-42		4	\$29,108.64	\$116,434.56	67.76 %	\$9,385.23	\$37,540.92
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- Comment: 210-AYJZ PowerEdge R650 Server
- 379-BEIC 8x2.5 Front Storage
- 379-BDSS SAS/SATA Backplane
- 379-BDTE No Rear Storage
- 461-AAIG Trusted Platform Module 2.0 V3
- 321-BGHH 2.5" Chassis with up to 8 Hard Drives (SAS/SATA), 3 PCIe Slots, 2 CPU
- 338-CBWN Intel Xeon Gold 5317 3G, 12C/24T, 11.2GT/s, 18M Cache, Turbo, HT (150W) DDR4-2933
- 338-CBWN Intel Xeon Gold 5317 3G, 12C/24T, 11.2GT/s, 18M Cache, Turbo, HT (150W) DDR4-2933
- 379-BDCO Additional Processor Selected
- 412-AAVP Heatsink for 2 CPU configuration (CPU less than or equal to 165W)
- 370-AAIP Performance Optimized
- 370-AEVR 3200MT/s RDIMMs
- 370-AEVQ 16GB RDIMM, 3200MT/s, Dual Rank
- 780-BCDN RAID 1
- 405-AAUZ PERC H745 Controller, Front
- 750-ACFR Front PERC Mechanical Parts, front load
- 400-AXTV 480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD
- 750-AABF Power Saving Dell Active Power Controller
- 800-BBDM UEFI BIOS Boot Mode with GPT Partition
- 750-ADII 4 Standard Fans for 2 CPU
- 450-AIQX Dual, Hot-plug, Power Supply Redundant (1+1), 800W, Mixed Mode, NAF
- 492-BBDI C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America
- 450-AALV Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)
- 450-AALV Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)
- 330-BBST Riser Config 3, 3/4 Length, Full Height, 2 x16 Slots, SW GPU Capable
- 329-BFGW PowerEdge R650 Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM
- 385-BBQV iDRAC9, Enterprise 15G
- 540-BCRT Intel Ethernet X710 Quad Port 10GbE SFP+, OCP NIC 3.0
- 325-BCHH Standard Bezel
- 350-BCEI Luggage Tray x8 and x10 Chassis, R650
- 403-BCID BOSS Blank
- 350-BBXM No Quick Sync
- 379-BCSF iDRAC, Factory Generated Password
- 379-BCQY iDRAC Group Manager, Disabled
- 407-BCBE Dell EMC PowerEdge SFP+ SR Optic 10GbE 850nm

611-BBBF No Operating System
 605-BBFN No Media Required
 770-BDMT Cable Management Arm
 770-BECD ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar
 631-AACK No Systems Documentation, No OpenManage DVD Kit
 340-CUQR PowerEdge R650 Shipping
 340-CUQO R650 Ship 8x2.5
 389-DYHZ PowerEdge R650 Non BIS Marking
 389-DYIB PowerEdge R650 CE, CCC, Marking
 332-1286 US Order
 817-BBBB Custom Configuration
 853-2137 Dell Hardware Limited Warranty Plus Onsite Service
 853-2140 ProSupport Mission Critical 4-Hour 7x24 Onsite Service with Emergency Dispatch 3 Years
 853-2155 ProSupport Mission Critical 7x24 Technical Support and Assistance 3 Years
 989-3439 Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800-945-3355
 825-8623 Certified Deployment Partner T1 or Distributors

5M 10Gb/100Gb Duplex Multimode 50/125 OM4 LSZH LC/LC AQUA	Open Market	24	\$38.72	\$929.28	37.35 %	\$24.26	\$582.24
10GBASE-SR SFP MODULE, ENTERPRISE-CLASS AR3227 4600048977 SP-20 -0051		24	\$860.98	\$20,663.52	64.29 %	\$307.49	\$7,379.76
FA-XR2-10G-Eth-SFP-SR 10G ETH SFP, 400m, Short range for XR2	MNWNC-125 SP-16 -0019 4600036156	8	\$350.00	\$2,800.00	61.91 %	\$133.33	\$1,066.64
Hardware Subtotal:				\$140,827.36			\$46,569.56
Professional Services							
DATA CENTER	Open Market	1	\$0.00	\$0.00	0.00 %	\$934.00	\$934.00
DC - Solution Architect	Open Market	1	\$0.00	\$0.00	0.00 %	\$692.00	\$692.00
DC - Tier 3 Senior	Open Market	1	\$0.00	\$0.00	0.00 %	\$12,349.00	\$12,349.00
EN - Tier 3 Senior	Open Market	1	\$0.00	\$0.00	0.00 %	\$5,703.00	\$5,703.00
Project Manager	Open Market	1	\$0.00	\$0.00	0.00 %	\$3,898.00	\$3,898.00
Professional Services Subtotal:				\$0.00			\$23,576.00
Total:				\$140,827.36		\$33,426.31	\$70,145.56

Solution Summary

VMWare additions

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Solution Summary	Current Due	Next Invoice	Due	Remaining	Total Project
Software	\$37,770.06		One-Time		\$37,770.06
Maintenance					
VMWARE Maintenance	\$14,244.96		Prepaid		\$14,244.96
Project Subtotal	\$52,015.02				\$52,015.02
Estimated Tax	NOT INCLUDED				
Estimated Freight	NOT INCLUDED				
Estimated Recycle Fee	NOT INCLUDED				
Project Total	\$52,015.02				\$52,015.02

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This Order may include the sale of any of the following to Customer: (a) any hardware, third party software, and/or Seller software (collectively, "Products"); (b) any installation services, professional services, and/or third party provided support services that are generally associated with the Products and sold to customers by Seller (collectively, "Professional Services"); (c) any Seller-provided vendor management services, software release management services, remote monitoring services and/or, troubleshooting services (collectively, "Managed Services"); and/or (d) any Seller-provided maintenance services ordered by Customer to maintain and service Supported Products or Supported Systems at Supported Sites to ensure that they operate in conformance with their respective documentation and specifications (collectively, "Maintenance Services"). For ease of reference only, Professional Services, Managed Services and Maintenance Services may be referred to collectively as "Services." Unless otherwise defined herein, capitalized terms used herein will have the same meanings as set forth in the Agreement.

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Products and/or Services not specifically itemized are not provided hereunder. This Order will be valid for a period of thirty (30) days following the date hereof. Thereafter, this Order will no longer be of any force and effect. Due to rapidly changing prices in the market for third party Products and/or Services, after the expiration of the foregoing 30 day period, Seller reserves the right to adjust offerings and/or prices accordingly prior to issuing any new Order(s).

This Order is a configured order and/or contains software.

ACCEPTED BY:

BUYER: _____ DATE: _____ SELLER: _____ DATE: _____

TITLE: _____ TITLE: _____

Solution Quote

Item Number	Description	Public Sector Contract	Term	Qty	Unit List Price	Extended List	% Disc	Unit Price	Extended Price
Software									
VC-SRM8-25S-C	VMWARE SITE RECOVERY MANAGER 8 STANDARD (25 VM PACK)	NCPA 01-96		2	\$5,025.00	\$10,050.00	7.98 %	\$4,624.15	\$9,248.30
VS8-EPL-C-T1	VMWARE CPP T1 VSPH 8 ENT+ 1 PROC LICs	NCPA 01-96		8	\$3,752.50	\$30,020.00	4.99 %	\$3,565.22	\$28,521.76
Software Subtotal:						\$40,070.00			\$37,770.06
Maintenance									
VC-SRM8-25S-3PSSS-C	PROD SNS SITE RECOV MGR 8 STD 25VM PK 3YR	NCPA 01-96		2	\$3,315.84	\$6,631.68	2.00 %	\$3,249.52	\$6,499.04
VS8-EPL-P-SSS-C	PRODUCTION SUPPORT COVERAGE VMWARE VSPHERE 8 ENTERPRISE PLUS FOR 1 PROCESSOR	NCPA 01-96		8	\$988.00	\$7,904.00	2.00 %	\$968.24	\$7,745.92
Maintenance Subtotal:						\$14,535.68			\$14,244.96
Total:						\$54,605.68		\$12,407.13	\$52,015.02

RESOLUTION NO. 2023-XX

A RESOLUTION DESIGNATING MARCH 2023 AS “PROCUREMENT MONTH” AT CENTRAL ARKANSAS WATER; AND FOR OTHER PURPOSES

WHEREAS, public procurement professionals perform an indispensable function for governmental entities and play a vital role in providing for the acquisition of a broad range of goods and services essential for the safe and effective operations of the entity; and

WHEREAS, public procurement professionals require specific knowledge and skills to maintain fair and competitive procurement practices and to evaluate the entity’s procurement program; and

WHEREAS, procurement professionals strategically execute, implement, and manage contracts, and cultivate relationships with suppliers and other organizations to effectively administer procurement agreements; and

WHEREAS, contracting and procurement professionals, through their combined purchasing power, oversee billions of dollars each year while maintaining the highest possible ethical standards and utilizing the latest and most efficient and effective procurement methods available; and

WHEREAS, the work of Central Arkansas Water’s Procurement Office benefits the utility, its rate payers, and the citizens of Central Arkansas through the application of fiscal responsibility, ethical use of rate payer dollars for the operations of the utility, and fair and competitive solicitation practices; and

WHEREAS, March 2023 is recognized as “Procurement Month” by the Institute for Public Procurement, National Procurement Institute, National Association of State Procurement Officials, and other associations;

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

Section 1. The Board of Commissioners hereby proclaims March 2023 as “Procurement Month” for Central Arkansas Water.

ADOPTED: March 16, 2023

ATTEST:

APPROVED:

Carmen Smith, Secretary Treasurer

Kevin Newton, Chair

CERTIFICATE

STATE OF ARKANSAS)
) ss
COUNTY OF PULASKI)

I, Carmen Smith, Secretary of the Board of Commissioners, Central Arkansas Water, do hereby certify that the foregoing is a true and correct copy of Resolution 2023-XX of the Resolutions of Central Arkansas Water, entitled: **A RESOLUTION DESINGATING MARCH 2023 AS “PROCUREMENT MONTH” AT CENTRAL ARKANSAS WATER; AND FOR OTHER PURPOSES**, adopted March 16, 2023.

IN WITNESS WHEREOF, I have hereunto set my hand this 16th day of March 2023.

Carmen Smith, Secretary/Treasurer
Central Arkansas Water Board of Commissioners

RESOLUTION NO. 2023-__

A RESOLUTION AUTHORIZING THE ISSUANCE OF A WATER REVENUE BOND FOR THE PURPOSE OF FINANCING COSTS OF HYDRILLA ERADICATION IN LAKE MAUMELLE; PROVIDING FOR THE PAYMENT OF THE PRINCIPAL OF AND INTEREST ON THE BOND; 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 as A.C.A. §§25-20-301 et seq. (the "Authorizing Legislation"); and

WHEREAS, Lake Maumelle is a major source of water for the Issuer in which hydrilla has been discovered; and

WHEREAS, hydrilla is a federally listed noxious weed that can harm water supply and water intake facilities and make drinking water more costly for consumers; and

WHEREAS, the Issuer has formulated plans for the eradication of hydrilla in Lake Maumelle (the "Project") and will undertake the Project in phases over a period of years; and

WHEREAS, the Issuer proposes to finance all or a portion of the costs of the Project; and

WHEREAS, in order to finance the costs of the first phase of the Project, including bond issuance costs, the Issuer is proposing to issue a Water Revenue Bond (Hydrilla Eradication Project), Series 2023A (the "Bond") in the principal amount of \$2,533,000; and

WHEREAS, with the advice and assistance of Stephens Inc., as Municipal Advisor (the "Municipal Advisor"), and after receiving bids from financial institutions on February 24, 2023, the Issuer has made arrangements with First Security Bank (the "Lender") to purchase the Bond as evidence of a loan from the Lender pursuant to a Letter of Offer and Representation (the "Letter of Offer"); and

WHEREAS, the following documents have been prepared in connection with the issuance of the Bond and have been reviewed by the Issuer and Friday, Eldredge & Clark, LLP, Bond Counsel ("Bond Counsel"): (a) a Loan Agreement between the Issuer and the Lender (the "Loan Agreement") providing for the loan and payment obligations of the Issuer in connection therewith, and (b) the Letter of Offer; and

WHEREAS, the Issuer has the following outstanding issues of revenue bonds: Refunding Water Revenue Bond, Series 2010A (2009 ANRC Project) (the "Series 2010A Bond"), Water Refunding Revenue Bonds, Series 2010C (Watershed Protection Project) (the "Series 2010C Bonds"), Water Revenue Bond, Series 2011A (Wye Mountain Extension Project) (the "Series 2011A Bond"), Capital Improvement Water Revenue Bonds, Series 2012A (the "Series 2012A Bonds"), Refunding Water Revenue Bonds, Series 2014 (the "Series 2014 Bonds"), Refunding Water Revenue Bonds, Series 2016 (the "Series 2016 Refunding Bonds"), Acquisition and Construction Water Revenue Bonds (Maumelle Water System Acquisition Project), Series 2016 (the "Series 2016 Maumelle Bonds"), Water Revenue Bond (Wilson Pump Station #1A Project), Series 2017A (the "Series 2017A Bond"), Capital Improvement Water Revenue Bonds, Series 2018B (the "Series 2018B Bonds"), Water Revenue Bond (Ozark Point Water Treatment Plant Project), Series 2019A (the "Series 2019A Bond"), Water Revenue Bond (POWA Project), Series 2020A (the "Series 2020A Bond"), Capital Improvement and Refunding Water Revenue Bonds, Series 2020B (the "Series 2020B Bonds"), Capital Improvement and Refunding Water Revenue Bonds, Series 2020C (Green Bonds) (the "Series 2020C Bonds"), Refunding Water Revenue Bonds, Series 2020D (Taxable) (the "Series 2020D Bonds"), Water Revenue Bond (Frazier Pike Project), Series 2021A (the "Series 2021A Bond"), Water Revenue Bond (Wye Mountain Project), Series 2021B (the "Series 2021B Bond"), Water Revenue Bond (Ridgefield Project), Series 2022A (the "Series 2022A Bond") and Water Revenue Bond (Wilson Pump Station #1A Project), Series 2022B (the "Series 2022B Bond"); and

WHEREAS, the Issuer is authorized under the provisions of Amendment No. 65 to the Arkansas Constitution and the Authorizing Legislation to issue and sell the Bond; and

WHEREAS, the Issuer has given notice to the Cities and held a public hearing, both in accordance with the 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

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of Central Arkansas Water:

Section 1. The following terms used in this Resolution shall have the following meanings unless the context requires otherwise:

"Debt Service" means, for any particular Fiscal Year with respect to the Bond, Parity Debt, Junior Debt and other indebtedness issued for System purposes, as applicable, an amount equal to the sum of all principal and interest (net of any interest subsidy with respect to the Bond, Parity Debt, Junior Debt and other indebtedness issued for System purposes paid or payable to or for the account of the Issuer by any governmental body or agency) payable during such Fiscal Year calculated on the assumption that the Bond, the Parity Debt, Junior Debt or other indebtedness issued for System purposes, on the day of calculation cease to be outstanding by reason of, but only by reason of, payment or defeasance; provided, however, after the Stabilized

Net Revenues Adjustment Date, Debt Service on indebtedness paid solely from Special Debt Retirement Charge Revenues shall not be included in the definition of Debt Service.

"Depreciation Fund" means the Depreciation Trust Fund maintained by the Issuer.

"Fiscal Year" means the annual accounting period of the System as from time to time in effect, initially a period commencing on January 1 of each calendar year and ending on the next succeeding December 31.

"Grant Aid" means any grants in aid made to the Issuer by the federal government, the State, or either or both of the Cities, or any federal subsidy legally available to pay the principal of or interest on the Bond, the Parity Debt, the Junior Debt or other obligations issued for System purposes.

"Junior Debt" shall mean bonds, notes or other forms of indebtedness that are secured in whole or in part by Special Debt Retirement Charge Revenues and from any reserves established only to secure such bonds, notes or other forms of indebtedness. Currently, the Series 2016 Maumelle Bonds, the Series 2020A Bond, the Series 2021A Bond, the Series 2021B Bond and the Series 2022A Bond are included within the definition of Junior Debt.

"Operation and Maintenance Costs" means all actual operation and maintenance costs related to the System incurred by the Issuer in any particular Fiscal Year or period to which said term is applicable or charges made therefor during such Fiscal Year or period, including amounts reasonably required to be set aside in reserves for items of Operation and Maintenance Costs, the payment of which is not then immediately required. Operation and Maintenance Costs include, but are not limited to, amounts paid by the Issuer for improvement, repair, replacement, or acquisition of any item of equipment related to the System; salaries and wages, employees' health, hospitalization, pension, and retirement expenses; fees and expenses for services, materials, and supplies; rents; administrative and general expenses; insurance expenses; fiduciaries' fees and expenses and other agents' fees and expenses; legal, engineering, accounting, financing, and municipal advisory fees and expenses, and fees and expenses of other consulting and technical services; training of personnel; taxes; payments in lieu of taxes and other governmental charges; costs of utilities services and other auxiliary services; and any other current expenses or obligations required to be paid by the Issuer under the provisions of this Resolution or by law, all to the extent properly allocable to the System. Such Operation and Maintenance Costs do not include depreciation or obsolescence charges or reserves therefor; amortization of intangibles or other bookkeeping entries of a similar nature; interest charges and charges for the payment of principal, or amortization, of bonded or other indebtedness of the Issuer, or costs, or charges made therefor; or losses from the sale, abandonment, reclassification, revaluation, or other disposition of any properties.

"Parity Debt" means the Series 2010A Bond, the Series 2010C Bonds, the Series 2011A Bond, the Series 2012A Bonds, the Series 2014 Bonds, the Series 2016 Refunding Bonds, the Series 2017A Bond, the Series 2018B Bonds, the Series 2019A Bond, the Series 2020B Bonds,

the Series 2020C Bonds, the Series 2020D Bonds, the Series 2022B Bond and any future debt obligations of the Issuer incurred in compliance with the resolutions authorizing and securing the Parity Debt now outstanding.

"Rate Covenant Requirement" has the meaning specified in Section 9(a) hereof.

"Rate Stabilization Account" means the account created under that name by the RSA Resolution.

"Revenue Fund" means the fund by that name heretofore created into which Revenues are deposited.

"Revenues" means all revenues, fees, income, rents, and receipts derived by the Issuer from the System, including without limitation any proceeds of the Issuer from the sale of any property of the System permitted under this Resolution, including the proceeds of any insurance covering business interruption loss. Revenues also include all interest, profits, or other income derived from the investment of any moneys held pursuant to this Resolution, and any trust indenture securing the Parity Debt, the Junior Debt, or other obligations issued for System purposes and required to be paid into the Revenue Fund and the proceeds of any interest subsidy with respect to the Bond, Parity Debt, the Junior Debt, or other obligations issued for System purposes paid to or for the account of the Issuer by any governmental body or agency. Revenues shall not include: (a) Grant Aid; (b) proceeds received on insurance resulting from casualty damage to assets of the System; (c) rentals or other charges derived by the Issuer under and pursuant to a lease or leases relating to Special Purpose Facilities; (d) the proceeds of sale of the Bond, the Parity Debt, the Junior Debt, or other obligations issued for System purposes; (e) the proceeds of the Watershed Protection Fee; or (f) franchise fees. From and after the Stabilized Net Revenues Adjustment Date, the preceding sentence within the definition of "Revenues" shall read as follows: Revenues shall not include (a) Grant Aid; (b) proceeds received on insurance resulting from casualty damage to assets of the System; (c) rentals or other charges derived by the Issuer under and pursuant to a lease or leases relating to Special Purpose Facilities; (d) the proceeds of sale of the Bond, Parity Debt, the Junior Debt or other obligations issued for System purposes; (e) the proceeds of the Watershed Protection Fee; (f) franchise fees; or (g) Special Debt Retirement Charge Revenues.

"RSA Resolution" means Resolution 2010-03 adopted by the Issuer on May 13, 2010, establishing the Rate Stabilization Account and providing for its terms and conditions.

"Short-Term Indebtedness" means all indebtedness incurred or assumed by the Issuer, with respect to the System, for any of the following: (a) payments of principal and interest with respect to money borrowed for an original term, or renewable at the option of the Issuer, for a period from the date originally incurred, of one year or less; (b) payments under leases having an original term, or renewable at the option of the lessee for a period from the date originally incurred, of one year or less; and (c) payments under installment purchase contracts having an original term of one year or less.

"Special Debt Retirement Charge Revenues" shall mean Revenues collected from a special charge to customers in a defined service area of the System that are used solely to retire Junior Debt.

"Special Purpose Bonds" means (i) such other bonds, notes or other interest bearing obligations to which a portion of the Revenues are pledged, and the proceeds of which are used to finance the design, acquisition, and construction of facilities or projects as the Issuer shall by resolution designate as a Special Purpose Facility, and the cost of construction and acquisition of which facilities are financed with the proceeds of Special Purpose Bonds as contemplated and permitted by Section 22(d) of this Resolution, or (ii) such other bonds to which the Watershed Protection Fee is pledged and the proceeds of which are used to finance the acquisition of land within the watershed of Lake Maumelle or the design, acquisition, and construction of facilities or projects as the Issuer shall by resolution deem necessary or advisable for protection of water quality within Lake Maumelle.

"Special Purpose Facility" means (a) additional water sources, including but not limited to, a new lake; or (b) such other facilities or projects as the Issuer shall by resolution designate as a Special Purpose Facility, and the cost of construction and acquisition of which facilities are financed with the proceeds of Special Purpose Bonds of the Issuer as contemplated and permitted by Section 22(d) of this Resolution.

"Stabilized Net Revenues" means, for any period, an amount equal to all of the Revenues received during such period less Operation and Maintenance Costs during such period, less amounts transferred into the Rate Stabilization Account pursuant to authorization by the Issuer, plus amounts transferred out of the Rate Stabilization Account pursuant to authorization by the Issuer.

"Stabilized Net Revenues Adjustment Date" means the first date on which (i) the Series 2010C Bonds, the Series 2012A Bonds, the Series 2014 Bonds, the Series 2016 Refunding Bonds, the Series 2017A Bond and the Series 2018B Bonds are fully paid or defeased and (ii) the 2010A Bond and the Series 2011A Bond are either paid in full or the owners of the Series 2010A Bond and the Series 2011A Bond have agreed to release any Special Debt Retirement Charge Revenues from the pledge in favor of the Series 2010A Bond and the Series 2011A Bond.

"Subordinate Indebtedness" shall mean bonds, notes, or other forms of indebtedness, the payment of the principal of or interest or redemption premium on which are payable solely from moneys after payment of all periodic obligations on the Bond or any obligations ranking on a parity with the Bond.

"Water Consultant" means any firm, corporation, or individual, including but not limited to registered professional engineers and certified public accountants, who are experienced in the administration, financial affairs, maintenance, construction, or operation of potable water collection treatment, and distribution facilities, appointed and paid by the Issuer, who: (a) is in

fact independent and not under the domination of the Issuer; (b) does not have any substantial interest, direct or indirect, in the Issuer; and (c) is not connected with the Issuer as an officer or employee but who may be regularly retained to make annual or other periodic reports to the Issuer.

"Watershed Protection Fee" means the fee designated as such on each customer's water bill that by resolution of the Issuer is dedicated toward funding the Issuer's Watershed Management Program, which includes land purchases, water quality monitoring, and other measures to protect the Issuer's drinking water supply lakes from potential sources of pollution.

Section 2. The sale of the Bond to the Lender at a price of par (the "Purchase Price") pursuant to the Letter of Offer, to evidence the loan from the Lender, subject to the terms and provisions hereafter in this Resolution set forth in detail be, and is hereby approved, and the Bond is hereby sold to the Lender. The Chairman is hereby authorized to execute and deliver the Letter of Offer. The Letter of Offer is hereby approved in substantially the form submitted to this meeting, with such changes as shall be approved by the Chairman, his execution to constitute conclusive evidence of such approval.

Section 3. The Chairman and the Secretary of the Issuer are hereby authorized and directed to execute and deliver the Loan Agreement. The Loan Agreement is hereby approved in substantially the form submitted to this meeting, with such changes as shall be approved by the Chairman and Secretary, their execution to constitute conclusive evidence of such approval.

Section 4. The Chairman and Secretary and other officers of the Issuer in accordance with their offices, are authorized and directed to take such action and execute such writings and agreements as may be necessary to carry out the purposes of this Resolution, including the issuance of the Bond and the acceptance of the Lender's offer to purchase the Bond on terms not inconsistent with the provisions of this Resolution.

Section 5. Under the authority of the Constitution and laws of the State of Arkansas (the "State"), including particularly the Authorizing Legislation, Central Arkansas Water Revenue Bond (Hydrilla Eradication Project), Series 2023A is hereby authorized and ordered issued in the principal amount of \$2,533,000 the proceeds of the sale of which will be used to finance costs of the first phase of the Project, pay expenses incidental thereto and pay expenses of issuing the Bond.

The Bond shall be dated the date of delivery to the Lender. The Bond shall bear interest at the rate of 5.35% per annum based upon a 360-day year of twelve consecutive 30-day months. Interest shall be payable on March 1, 2024 and on each March 1 and September 1 thereafter. Principal shall be payable in installments on March 1, 2024 and each March 1 thereafter until the unpaid principal is paid in full as follows:

Year (<u>March 1</u>)	Principal <u>Installments</u>
2024	\$320,443.04
2025	396,461.46
2026	418,255.13
2027	441,246.81
2028	465,502.34
2029 (maturity)	491,091.22

The Bond will be registered as to both principal and interest, payable to the Lender, or registered assigns (the "Bondholder"), as set forth hereinafter in the bond form.

Payment of principal and interest shall be by check or draft mailed to the Bondholder at its address shown on the bond registration books of the Issuer which shall be maintained by the Secretary of the Issuer as Bond Registrar, without presentation or surrender of the Bond (except upon final payment) and such payments shall discharge the obligation of the Issuer to the extent thereof. The Secretary of the Issuer or his or her designee shall keep a payment record and make proper notations thereon of all payments of principal and interest.

Payment of principal and interest shall be in any coin or currency of the United States of America which, as at the time of payment, shall be legal tender for the payment of debts due the United States of America. When the principal of and interest on the Bond have been fully paid, it shall be canceled and delivered to the Secretary of the Issuer.

Section 6. The Bond shall be executed on behalf of the Issuer by the Chairman and Secretary of the Issuer and shall have impressed thereon the seal of the Issuer. The Bond is not a general obligation of the Issuer but is a special obligation, the principal of and interest on which, are secured by a pledge of and are payable from Stabilized Net Revenues. The pledge of Stabilized Net Revenues is subordinate to the pledge in favor of the Parity Debt and the Junior Debt. It is understood and agreed that from and after the Stabilized Net Revenues Adjustment Date, that there will not be included in the definition of Revenues any Special Debt Retirement Charge Revenues and such Special Debt Retirement Charge Revenues shall be released from the pledge of this Resolution on the Stabilized Net Revenues Adjustment Date. The Bond and interest thereon shall not constitute an indebtedness of the Issuer within any constitutional or statutory limitation.

Section 7. The Bond shall be in substantially the following form and the Chairman and Secretary of the Issuer are hereby authorized and directed to make all the recitals contained therein:

(form of single registered bond)

UNITED STATES OF AMERICA
STATE OF ARKANSAS
CENTRAL ARKANSAS WATER
WATER REVENUE BOND
(HYDRILLA ERADICATION PROJECT),
SERIES 2023A

\$2,533,000

KNOW ALL MEN BY THESE PRESENTS:

That Central Arkansas Water (the "Issuer"), for value received, hereby acknowledges itself to owe and promises to pay to First Security Bank, or registered assigns, solely from the special fund provided as hereinafter set forth, the principal sum of

TWO MILLION FIVE HUNDRED THIRTY-THREE THOUSAND DOLLARS

with interest on the unpaid balance of the total principal amount at the rate of 5.35% per annum based upon a 360-day year and twelve consecutive 30-day months. The principal and interest shall be payable in such coin or currency of the United States of America as at the time of payment shall be legal tender for the payment of debts due the United States of America.

Interest on the unpaid balance of the total principal amount shall be payable on March 1, 2024 and on each March 1 and September 1 thereafter. Principal shall be payable in installments on March 1, 2024 and on each March 1 thereafter until the unpaid principal is paid as follows:

<u>Year</u> <u>(March 1)</u>	<u>Principal</u> <u>Installments</u>
2024	\$320,443.04
2025	396,461.46
2026	418,255.13
2027	441,246.81
2028	465,502.34
2029 (maturity)	491,091.22

Payments of the principal and interest installments due hereon shall be made, except for final payment, without presentation and surrender of this bond, directly to the registered owner at his address shown on the bond registration book of the Issuer maintained by the Secretary of the Issuer as Bond Registrar, and such payments shall fully discharge the obligation of the Issuer to the extent of the payments so made.

This bond is issued for the purpose of providing financing of the costs of the first phase of eradication of hydrilla from Lake Maumelle, which is a water source for the Issuer's water system (the "System"). The System consists of collection, holding, treatment and distribution facilities. Proceeds of this bond will also pay costs of authorizing and issuing this bond. This bond is issued pursuant to and in full compliance with the Constitution and laws of the State of Arkansas (the "State"), including particularly Title 25, Chapter 20, Subchapter 3 of the Arkansas Code of 1987 Annotated, and pursuant to Resolution No. 2023-__ of the Issuer, duly adopted and approved on the 16th day of March, 2023 (the "Authorizing Resolution"). Reference is hereby made to the Authorizing Resolution for the details of the nature and extent of the security and of the rights and obligations of the Issuer and the registered owner of this bond.

This bond may be assigned and in order to effect such assignment the assignor shall promptly notify the Secretary of the Issuer by registered mail, and the assignee shall surrender this bond to the Secretary of the Issuer for transfer on the registration records. Every assignee shall take this bond subject to all payments and prepayments of principal and interest (as reflected by the Payment Record maintained by the Secretary of the Issuer), prior to such surrender for transfer.

This bond may be prepaid at the option of the Issuer from funds from any source, in whole or in part, at any time on and after April 1, 2024, at a prepayment price equal to the principal amount being redeemed, plus accrued interest to the prepayment date. Written notice shall be given of such prepayment to the owner of this bond or registered assigns at least five (5) business days prior to the prepayment date.

This bond does not constitute an indebtedness of the Issuer within any constitutional or statutory limitation or provision and shall not constitute and indebtedness of, or pledge the faith and credit of, the State of Arkansas or the Cities of Little Rock and North Little Rock, Arkansas within the meaning of any constitutional provisions or limitations. This bond is a special obligation payable solely from the revenues derived from the operation of the System. In this regard, the pledge of Stabilized Net Revenues is subordinate to the pledge of Stabilized Net Revenues to the Parity Debt and the Junior Debt identified in the Authorizing Resolution. The pledge of Stabilized Net Revenues is subject to reduction to the extent and on and after the date set forth in the Authorizing Resolution. A sufficient amount of Stabilized Net Revenues to pay principal and interest has been duly set aside and pledged as a special fund for that purpose, identified as the "2023A Bond Fund," in the Authorizing Resolution. The Issuer has fixed and has covenanted and agreed to maintain rates for use of the System which shall be sufficient at all times to at least provide for the payment of the reasonable expenses of operation and maintenance of the System, provide for the payment of the principal of and interest on all the outstanding bonds to which System revenues are pledged as the same become due, to establish and maintain any required debt service reserves and to provide a depreciation fund, all as set forth in the Authorizing Resolution.

IT IS HEREBY CERTIFIED, RECITED AND DECLARED that all acts, conditions and things required by the Constitution and statutes of the State to exist, happen and be performed precedent to and in the issuance of this bond do exist, have happened and have been performed in regular and due time, form and manner as required by law; that this bond does not exceed any constitutional or statutory limitation of indebtedness; and that provision has been made for the payment of the principal of and interest on this bond, as provided in the Authorizing Resolution.

IN WITNESS WHEREOF, Central Arkansas Water has caused this bond to be executed in its name by its Chairman and Secretary, thereunto duly authorized, and its corporate seal to be affixed, all as of the _____ day of March, 2023.

CENTRAL ARKANSAS WATER

ATTEST

By _____
Chairman

Secretary

(SEAL)

Section 8. The Issuer has heretofore fixed water rates by Resolution No. 2015-15, adopted October 8, 2015, Resolution No. 2015-20, adopted December 10, 2015, Resolution No. 2016-06, adopted February 11, 2016, Resolution No. 2017-10, adopted September 14, 2017, Resolution No. 2018-13, adopted December 20, 2018, Resolution No. 2018-14, adopted December 20, 2018, Resolution No. 2019-09, adopted October 10, 2019, Resolution No. 2019-15, adopted December 12, 2019, Resolution No. 2020-08, adopted May 14, 2020, Resolution No. 2020-09, adopted June 11, 2020, Resolution No. 2021-13, adopted May 13, 2021, Resolution No. 2021-18 adopted July 15, 2021, Resolution No. 2022-08, adopted March 10, 2022 and Resolution No. 2023-01, adopted January 12, 2023. Reference is hereby made to such Resolutions for the details thereof and other provisions pertaining thereto, which water rates are hereby confirmed and continued as provided therein. In this regard, it is recognized however, that the water rates fixed by Resolution No. 2023-01 must be rescinded if the Little Rock City Board of Directors and the North Little Rock City Council disapprove such water rates by resolutions adopted in accordance with the Consolidation Agreement.

Section 9. (a) In order to assure full and continuous performance of the covenants contained herein with a margin for contingencies and temporary unanticipated reduction in Revenues, the Issuer covenants and agrees to establish, fix, prescribe, continue, and collect (directly or through leases, use agreements or other agreements, or licenses or resolutions) rates

and charges for the sale of water furnished by the Issuer which, together with other income, are reasonably expected to yield available Revenues at least equal to the Rate Covenant Requirement for the forthcoming Fiscal Year. The term "Rate Covenant Requirement" shall mean: Stabilized Net Revenues at least equal to 100% of the Debt Service for the forthcoming Fiscal Year for the Bond and any Parity Debt, Junior Debt or other indebtedness issued for System purposes secured by Stabilized Net Revenues expected to be outstanding during the forthcoming Fiscal Year.

(b) If the annual financial statements relating to Revenues disclose that during the period covered by such financial statements the Stabilized Net Revenues were not at least equal to the Rate Covenant Requirement, the Issuer shall not be in default under this Section if, (1) within 60 days after the date of delivery of such financial statements the Issuer obtains recommendations from a Water Consultant as to the revision of the rates, charges, and fees necessary to produce Stabilized Net Revenues at least equal to the Rate Covenant Requirement and (2) the Issuer, on the basis of such recommendations, revises the schedule of rates, charges, and fees insofar as is practicable and revises Operation and Maintenance Costs so as to produce Stabilized Net Revenues at least equal to the Rate Covenant Requirement.

(c) The Issuer has previously authorized, by the RSA Resolution, the creation of a separate fund of the Issuer designated as the Rate Stabilization Account in order to even out fluctuations in Revenues and help to alleviate the need for short-term adjustments. Moneys in the Rate Stabilization Account will be transferred as determined from time to time by the Issuer. The Issuer may make payments into the Rate Stabilization Account and make withdrawals from the Rate Stabilization Account as provided in the RSA Resolution and as provided in Section 20. For purposes of defining Stabilized Net Revenues, amounts deposited into the Rate Stabilization Account shall decrease Revenues for the Fiscal Year for which they are deposited, and amounts withdrawn from the Rate Stabilization Account shall increase Revenues for the Fiscal Year for which they are withdrawn. Credits to or withdrawals from the Rate Stabilization Account that occur within 90 days after the end of a Fiscal Year may be treated as occurring within such Fiscal Year. The Issuer shall transfer moneys held within the Rate Stabilization Account to the Revenue Fund at such time and in such amounts as may be necessary to pay Operation and Maintenance Costs and to provide Revenues to enable the Issuer to satisfy any of its obligations under this Resolution or as required by any Parity Debt or Subordinate Indebtedness.

(d) Until such time as the Issuer has issued debt secured by the Watershed Protection Fees, the Issuer may include the revenue generated by the Watershed Protection Fees when making the calculations required by this Section.

Section 10. Subject to the limitations of the Consolidation Agreement, the Issuer has, and will have so long as the Bond is outstanding, good, right, and lawful power to own the System and to fix and collect rates, fees, and other charges in connection with the distribution and sale of potable water to its customers. No revenue producing facility or service of the System shall be leased, furnished, or supplied free, but shall always be leased, furnished, or supplied so as to produce Revenues, provided that the Issuer reserves the right (a) to lease, furnish, or supply, free of charge, any such facility or service to the extent that such action does

not materially adversely affect the Issuer's ability to perform the Issuer's obligations under this Resolution, and (b) to adjust the rates, fees, and charges of the System in a manner such that the anticipated aggregate Revenues resulting after the adjustments shall not materially differ from the Revenues anticipated prior to the adjustments.

Section 11. The Issuer will not create, or permit the creation of, any new pledge, lien, charge, or encumbrance upon the Stabilized Net Revenues after the date hereof except as provided in or permitted by this Resolution.

Section 12. Subject to the provisions of the Consolidation Agreement, so long as the Bond is outstanding, except as otherwise provided herein, the Issuer will not sell, lease, or otherwise dispose of all or a substantial part of the System, provided, however, that, to the extent permitted by law, the Issuer may lease or make contracts or grant licenses for the operation of, or grant easements or other rights with respect to, any part of the System if such lease, contract, license, easement, or right does not impede or restrict the operation of the System by the Issuer. The Issuer may, however, from time to time, sell, exchange, or otherwise dispose of any machinery, fixtures, apparatus, tools, instruments, or other movable property or any real property acquired by it, if the Issuer shall determine that such property is no longer needed in connection with the operation and maintenance of the System and the proceeds of any such disposition shall be applied to the replacement of the property so sold or disposed of or the acquisition of property of equal or greater value or shall be deposited into the Revenue Fund.

Section 13. The Issuer will operate the System continuously in an efficient and economical manner, to the extent practicable under then existing conditions. The Issuer will at all times maintain, preserve, and keep the System in good repair, working order, and condition so that the operating efficiency thereof will be of high character. The Issuer will cause all necessary and proper repairs and replacements to be made so that the business carried on in connection with the System may be properly and advantageously conducted at all times in a manner consistent with prudent management and so that the rights and security of the Bondholder may be fully protected and preserved.

Section 14. All Revenues shall be promptly deposited by the Issuer to the credit of the Revenue Fund.

Section 15. The Operation and Maintenance Costs shall be paid by the Issuer from time to time as they become due and payable as a first charge on the Revenue Fund.

Section 16. After paying the Operation and Maintenance Costs as they become due, there shall be paid from the Revenue Fund into the various bond funds and debt service reserves securing the Parity Debt and the Junior Debt, the monthly amounts required to be deposited therein by the resolutions authorizing their issuance.

Section 17. There shall next be paid monthly from moneys in the Revenue Fund the financing fees in connection with Parity Debt and Junior Debt, to the Arkansas Development Finance Authority.

Section 18. (a) After paying the Operation and Maintenance Costs, making the bond fund and debt service reserve deposits required by Section 16 and paying the financing fees required by Section 17, as they become due, there shall be paid, from amounts on deposit in the Revenue Fund, into a special account to be created at First Security Bank and designated "Series 2023A Bond Fund" (the "Bond Fund") for the purpose of paying the principal of and interest on the Bond the amounts specified in (b) below.

(b) There shall be deposited from moneys in the Revenue Fund into the Bond Fund on each March 1 and September 1, commencing March 1, 2024, an amount equal to the principal of and interest on the Bond then due.

(c) All moneys in the Bond Fund shall be used solely for the purpose of paying the principal of and interest on the Bond.

(d) The Bond shall be specifically secured by a pledge of all Stabilized Net Revenues required to be placed into the Bond Fund. This pledge in favor of the Bond is hereby irrevocably made according to the terms of this Resolution, and the Issuer and its officers and employees shall execute, perform and carry out the terms thereof in strict conformity with the provisions of this Resolution.

Section 19. After making the payments required by Sections 15 through 18, there shall be paid monthly from moneys in the Revenue Fund into the Depreciation Fund, an amount calculated as follows: a flat five percent (5%) of water consumption-based revenues and private fire service revenues (including wholesale revenues) ("Total Depreciation Revenues"). The Depreciation Fund shall be used for replacements and repairs to the System. The monthly deposits may be reduced below five percent (5%) of Total Depreciation Revenues if a rate study acceptable to the Arkansas Natural Resources Commission uses a lower percentage; provided, however, there shall always be deposited into the Depreciation Fund monthly at least three percent (3%) of Total Depreciation Revenues.

Section 20. Moneys in the Revenue Fund in excess of the amounts required to be transferred monthly pursuant to Sections 15 through 19 of this Resolution may be utilized by the Issuer for any lawful System purpose, including deposits to the Rate Stabilization Account pursuant to Section 9. Money in the Rate Stabilization Account shall be used as provided in the RSA Resolution.

Section 21. The principal and interest installments shall be prepayable prior to maturity as provided in the bond form in Section 7 hereof.

Section 22. (a) As long as the Bond is outstanding, the Issuer shall not issue or attempt to issue any bonds having a lien on Revenues or Stabilized Net Revenues except as set forth in this Section 22.

(b) The Issuer may issue additional revenue bonds on a parity with the lien on Stabilized Net Revenues in favor of the Parity Bonds provided that there is no event of default with respect to the Bond or any outstanding Parity Debt; and either

(1) The average annual Stabilized Net Revenues for the immediately preceding two calendar years exceed an amount equal to not less than the sum of (i) 120% of the average annual debt service of the outstanding Parity Debt, and (ii) the maximum annual debt service on the proposed Parity Debt. Until such time as the Issuer has issued debt secured by the Watershed Protection Fees, the Issuer may include the revenue generated by the Watershed Protection Fees when computing Stabilized Net Revenues under this Section; or

(2) The additional revenue bonds are being issued to refund any outstanding Parity Debt if the refunded Parity Debt is defeased on the date of delivery of the refunding Parity Debt and if the annual debt service of the refunding Parity Debt does not exceed the annual Debt Service of the Parity Debt in any Fiscal Year by more than \$5,000; or

(3) The additional revenue bonds constitute Short-Term Indebtedness and if immediately after incurrence of such Short-Term Indebtedness the outstanding principal amount of all Short-Term Indebtedness does not exceed 10% of budgeted net Revenues (Revenues less Operation and Maintenance Costs) of the System as shown on the annual budget for the current Fiscal Year.

(c) The Issuer may issue additional revenue bonds secured in whole or in part by Special Debt Retirement Charge Revenues, provided that there is no event of default with respect to the Bond.

(d) (1) The Issuer may issue Special Purpose Bonds for the purpose of financing or refinancing the cost of (i) Special Purpose Facilities in accordance with subsection (d)(2) or (ii) those matters that may be funded by the Watershed Protection Fee in accordance with subsection (d)(3).

(2) The Special Purpose Bonds referred to in this subsection shall be payable as to principal, redemption premium, if any, and interest solely from rentals or other charges derived by the Issuer under and pursuant to a lease or leases relating to the Special Purpose Facilities entered into by and between the Issuer, as lessor, and such person, firm, or corporation, either public or private, as shall lease the Special Purpose Facilities from the Issuer. Before any Special Purpose Facilities shall be constructed or acquired by the Issuer under this subsection, the Issuer shall adopt a resolution describing in reasonable detail the Special Purpose Facilities to be constructed or acquired by the Issuer, authorizing the issuance of the Special Purpose Bonds to finance the cost of construction or acquisition of such Special Purpose Facilities and prescribing

the rights, duties, remedies, and obligations of the Issuer and the holders, from time to time, of such Special Purpose Bonds. In addition, no such Special Purpose Bonds shall be issued by the Issuer to finance Special Purpose Facilities unless:

(A) there shall have been filed with the Issuer a Water Consultant's Certificate stating that:

(i) the estimated rentals or other charges to be derived by the Issuer under and pursuant to the lease or other agreement relating to the Special Purpose Facilities will be at least sufficient to pay the principal of and interest on such Special Purpose Bonds as and when the same become due and payable, all costs of operating and maintaining such Special Purpose Facilities not paid for by the lessee thereof, and all sinking fund, reserve, or other payments required by the resolution authorizing the Special Purpose Bonds as the same become due; and

(ii) the acquisition or construction and operation of such Special Purpose Facilities will not adversely affect the ability of the System to produce Stabilized Net Revenues at least equal to the Rate Covenant Requirement; and

(B) the Issuer has entered into a lease which shall be for a term at least as long as the period during which such Special Purpose Bonds are outstanding and unpaid and which shall provide for annual payments to the Issuer, in addition to all rentals and other charges for the use of the Special Purpose Facilities, of ground rent in an amount which is determined by the Issuer to be a fair and reasonable rental for the land on which said Special Purpose Facilities are situated.

(3) The Special Purpose Bonds referred to in this subsection shall be payable as to principal, redemption premium, if any, and interest solely from Watershed Protection Fees. No such Special Purpose Bonds shall be issued by the Issuer to finance projects that may be funded by the Watershed Protection Fee unless there shall have been filed with the Issuer a Water Consultant's Certificate stating that the Watershed Protection Fees to be derived by the Issuer on an annual basis will be at least sufficient to pay the principal of and interest on such Special Purpose Bonds as and when the same become due and payable, and all sinking fund, reserve, or other payments required by the resolution authorizing the Special Purpose Bonds as the same become due.

(4) In the event the Issuer desires to issue Special Purpose Bonds secured by the revenue streams referred to in both subsections (d)(2) and (3), the Issuer shall comply with the requirements of both subsections (d)(2) and (3).

(e) The Issuer may issue bonds on a parity of security with the Bond so long as the Rate Covenant Requirement is met or projected to be met as certified by the Chief Financial Officer of the Issuer.

(f) The Issuer may issue Subordinate Indebtedness without limit as to amount.

Section 23. It is covenanted and agreed by the Issuer with the Bondholder that it will faithfully and punctually perform all duties with reference to the System required by the Constitution and laws of the State and by this Resolution, including, without limitation, the making and collecting of reasonable and sufficient rates lawfully established for services rendered by the System, segregating Revenues and applying them to the respective funds maintained pursuant to this Resolution.

The Issuer covenants and agrees that the Bondholder shall have the protection of all the provisions of the Authorizing Legislation, and that the Issuer will diligently proceed to enforce those provisions to the end of the Bondholder realizing fully upon its security. And, if the Issuer shall fail to proceed within 30 days (or 10 days with respect to a Payment Default (as defined below)) after written request shall have been filed by the Bondholder, the Bondholder may proceed to enforce all such provisions.

If there be any default in the payment of the principal of or interest on the Bond, or if the Issuer defaults in any Bond Fund requirement or in the performance of any of the other covenants contained in this Resolution, or if the Issuer has made a material misrepresentation to the Lender in connection with the Bond that results in pecuniary damages to the Lender, the Bondholder may, by proper suit, compel the performance of the duties of the officials of the Issuer under the laws of the State. In the case of a default in the payment of the principal of and interest on the Bond ("Payment Default"), the Bondholder may apply in a proper action to a court of competent jurisdiction for the appointment of a receiver to administer the System on behalf of the Issuer and the Bondholder with power to charge and collect (or by mandatory injunction or otherwise to cause to be charged and collected) rates sufficient to provide for the payment of the expenses of operation, repair and maintenance and to pay the Bond and interest outstanding and to apply Revenues in conformity with this Resolution. When all defaults in principal and interest payments have been cured, the custody and operation of the System shall revert to the Issuer. No remedy herein conferred upon or reserved to the Bondholder is intended to be exclusive of any other remedy or remedies herein provided or provided by law, and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or given by law. No delay or omission of the Bondholder to exercise any right or power accrued upon any default shall impair any such right or power or shall be construed to be a waiver of any default or an acquiescence therein; and every power and remedy given by this Resolution to the Bondholder may be exercised from time to time and as often as may be deemed expedient.

No waiver of any default shall extend to or affect any other existing or any subsequent default or defaults or impair any rights or remedies consequent thereon. Any costs of enforcement of the Bond or of any provision of this Resolution, including reasonable attorney's fees, shall be paid by the Issuer.

Nothing herein contained shall permit the levy of any attachment or execution upon any of the properties of the Issuer, nor shall any properties of the Issuer be subject to forfeiture by reason of any default hereunder, it being expressly understood and agreed by the Bondholder by

the acceptance of the Bond that the rights of the Bondholder are limited and restricted to the use and application of Revenues, funds and other moneys, securities and funds pledged under this Resolution.

Section 24. When the Bond has been executed and sealed as herein provided, it shall be delivered to the Lender upon payment of the Purchase Price. Sales proceeds shall first be used to pay the expenses of issuing the Bond. The balance shall be deposited into the Rate Stabilization Account and subsequently withdrawn for use to pay Project costs.

Section 25. The terms of this Resolution shall constitute a contract between the Issuer and the Bondholder and no variation or change in the undertaking herein set forth shall be made while the Bond is outstanding unless consented to in writing by the Bondholder.

Section 26. The Issuer agrees that it will keep proper records, books and accounts relating to the operation of the System, which shall be kept separate from all other records and accounts of the Issuer, in which complete and correct entries shall be made of all transactions relating to the operation of the System in accordance with generally accepted government accounting standards. Such books shall be available for inspection by the Bondholder, or its agent or the representative, at reasonable times and under reasonable circumstances. The Issuer agrees to have its financial statements audited annually by an independent certified public accountant or the Legislative Joint Auditing Committee, Division of Legislative Audit of the State of Arkansas. The Issuer shall within 180 days after the end of each Fiscal Year file with the Bondholder its annual audited financial statements. If the Issuer's audited financial statements are not available by such date, the Issuer shall file such audited financial statements with the Bondholder within 60 days after receipt thereof by the Issuer.

Section 27. The Issuer covenants and agrees that it will maintain the System in good condition and operate it in an efficient manner and at reasonable cost. The Issuer agrees that, to the extent comparable protection is not otherwise provided to the satisfaction of the Bondholder, it will insure, and at all times keep insured in a responsible insurance company or companies selected by the Issuer and authorized and qualified under the laws of the State to assume the risk thereof, all above-ground structures of the System against loss or damage thereto in amounts and against such risks as are customarily insured against in connection with similar facilities and undertakings as the System. In the event of loss, the proceeds of such insurance shall be applied solely toward the reconstruction, replacement or repair of the System, and in such event the Issuer will, with reasonable promptness, cause to be commenced and completed the reconstruction, replacement and repair work.

Section 28. The Issuer shall pay from proceeds of the Bond the costs and expenses of the Lender incurred in connection with its purchase of the Bond, including the Lender's legal fees, in an amount not to exceed \$10,000.

Section 29. The engagement of the Municipal Advisor and Bond Counsel and the payment of their fees and expenses from proceeds of the Bond are hereby confirmed, ratified and approved.

Section 30. The provisions of this Resolution are hereby declared to be separable, and if any provision shall for any reason be held illegal or invalid, it shall not affect the validity of the remainder of this Resolution.

Section 31. All resolutions and parts thereof in conflict herewith are hereby repealed to the extent of such conflict.

PASSED: _____, 2023.

ATTEST:

APPROVED:

Carmen Smith, Secretary/Treasurer

Kevin Newton, Chair

(SEAL)

CERTIFICATE

The undersigned, Secretary of Central Arkansas Water, hereby certifies that the foregoing pages are a true and perfect copy of Resolution No. 2023-__, adopted at a regular session of the Board of Commissioners of Central Arkansas Water, held at the regular meeting place in the City of Little Rock, Arkansas at 2:00 o'clock p.m., on the 16th day of March, 2023.

GIVEN under my hand and seal on this ____ day of March, 2023.

Secretary

(SEAL)

DATE _____

AMT _____

CENTRAL ARKANSAS WATER
BOARD OF COMMISSIONERS
AGENDA ITEM

Date: March 16, 2023 **Department:** Engineering **Project ID#:** 5421

Item Title: Engineering Services – Detailed Design – Wilson WTP Renewal & Resiliency Project

Budget Amount: \$10,203,693 **Estimate:** \$10,203,693 **Source of Funds:** ANRC Loan
(pending)

Narrative / Description:

The Jack H. Wilson Water Treatment Plant, located in west Little Rock, is the largest of the two CAW WTPs, providing between 60% to 100% of the system needs on any given day. To meet those CAW system needs, the Wilson WTP must be operational every day of the year. The first phase of construction of the Wilson WTP was completed in the mid-1960s with two additional phases of construction completed ten and twenty years later, respectively. The oldest components of the plant are now sixty years old. The continuation of the production of cost-efficient, compliant, superior, and award-winning potable water from the Wilson WTP is a preeminent goal of CAW. To realize this goal, CAW proposes the **Wilson WTP Renewal and Resiliency project** to effectively rebuild and reconfigure the WTP into a modern and efficient potable water production facility, continuing our compliant and award-winning history.

In August 2020, CAW hired **Hazen & Sawyer Engineers** to perform an **Engineering Study and Report** on the possible rehabilitation of the Wilson WTP. That report was completed in mid-2022 with recommendations for approximately \$135 million in renewal, rehabilitation, reconstruction, and reconfiguration improvements for the plant. CAW management wishes to continue the engineering services of Hazen & Sawyer for the detailed engineering design of the renewal project and assisting CAW with contractor selection and management of the Construction Manager At Risk (CMAR) project delivery method to be utilized for the construction of the renewal project.

Recommendation and Contract Amount:

Approve an amendment to the existing **Hazen and Sawyer** engineering agreement for detailed **Design Phase Services** for the Jack H. Wilson WTP Renewal and Resiliency Project, including CMAR project delivery consultation services, for the engineering services fee in the amount of **\$10,203,693.00**. This is a Lump Sum amount based on the agreed scope of services.

Additional Comments:

CAW has been pleased with the performance of Hazen and Sawyer Engineers on the Wilson WTP Engineering Study and Report and desires to continue their services for the detailed engineering design. Hazen and Sawyer has been and will continue collaborating with the local consulting engineering firm of Hawkins-Weir Engineers for the Wilson WTP improvements.

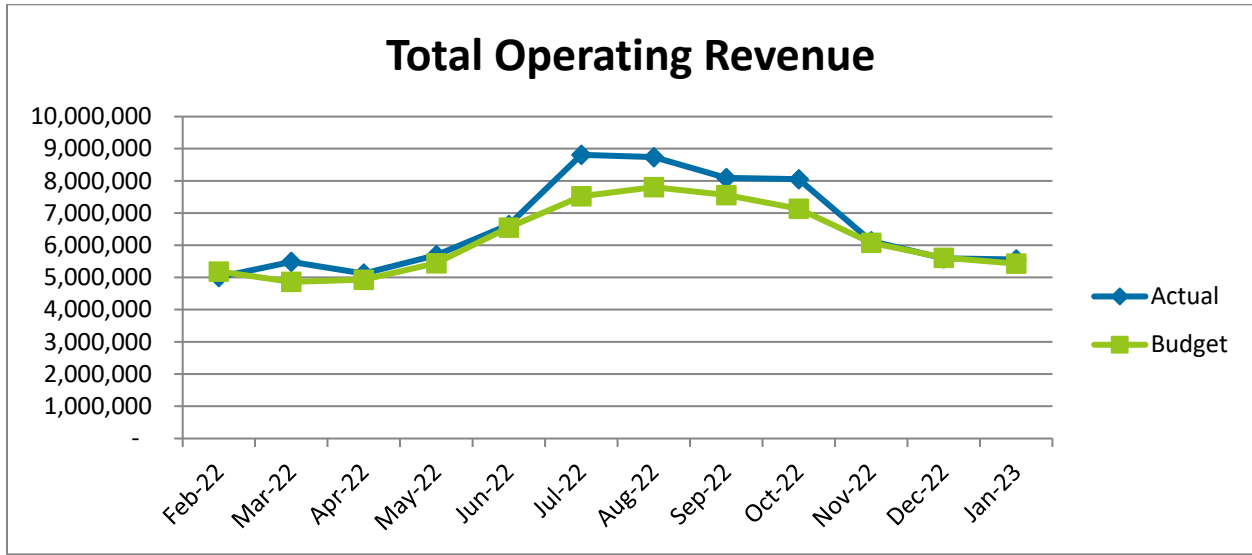
Signature: Jim Ferguson

Title: Director of Engineering

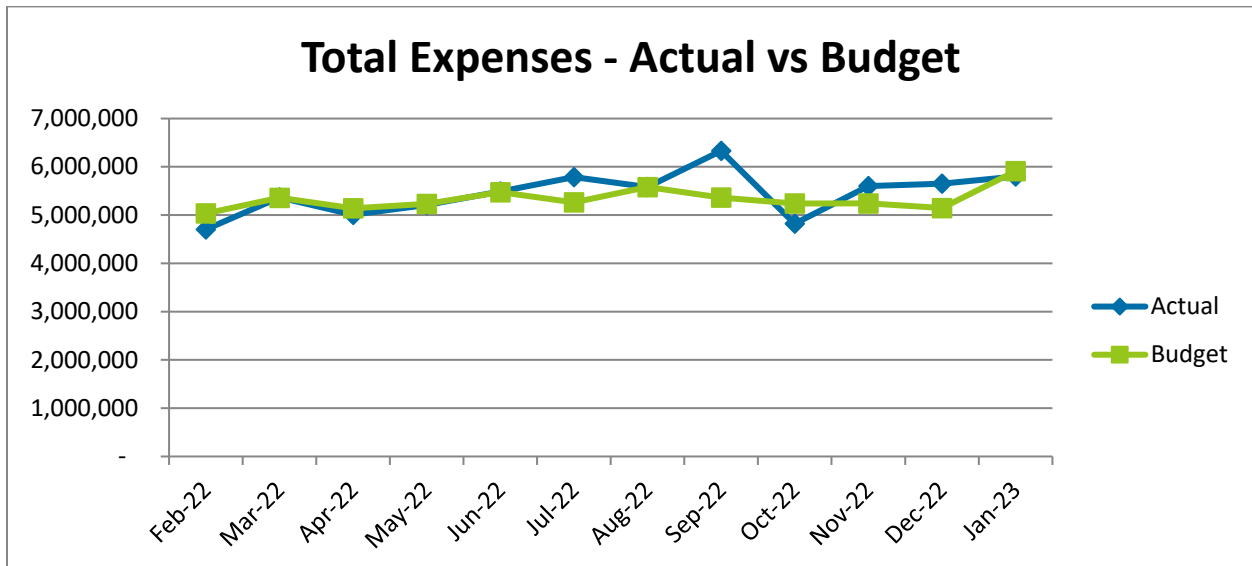


Financial Highlights for January 31, 2023

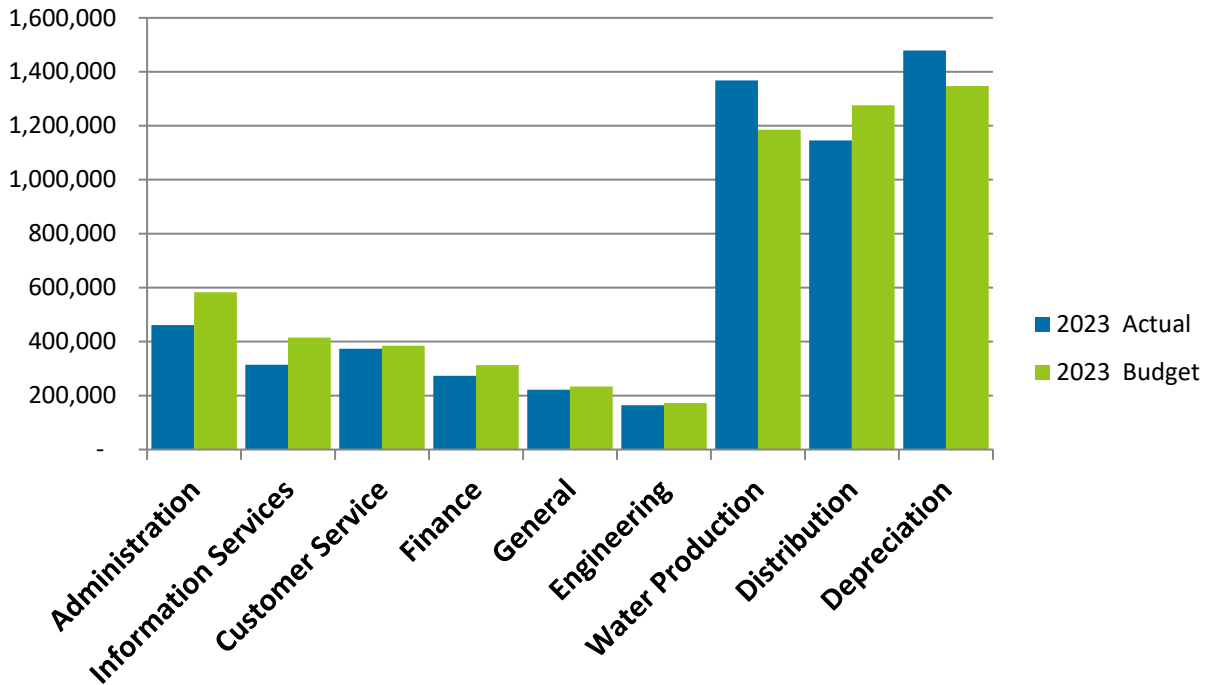
- Revenues for the month ending January 31, 2023 were \$131K over budget.



- O&M expenses were \$109K or 1.9% under budget for year-to-date through January 2023. Most of the favorable variance can be found in the following natural classifications: Labor and Benefits - \$119K, Materials, Supplies, and Maintenance - \$130K, and Contract Services - \$175K, with offsetting unfavorable variances in Utilities - \$122K, Chemicals - \$61K, and Depreciation - \$132K.



Expenses Year to Date by Department - Actual vs Budget



- Year-to-date Charges to Capital from Rates are running 38% of budget through January 31, 2023.

Capital Charges-Actual vs Budget



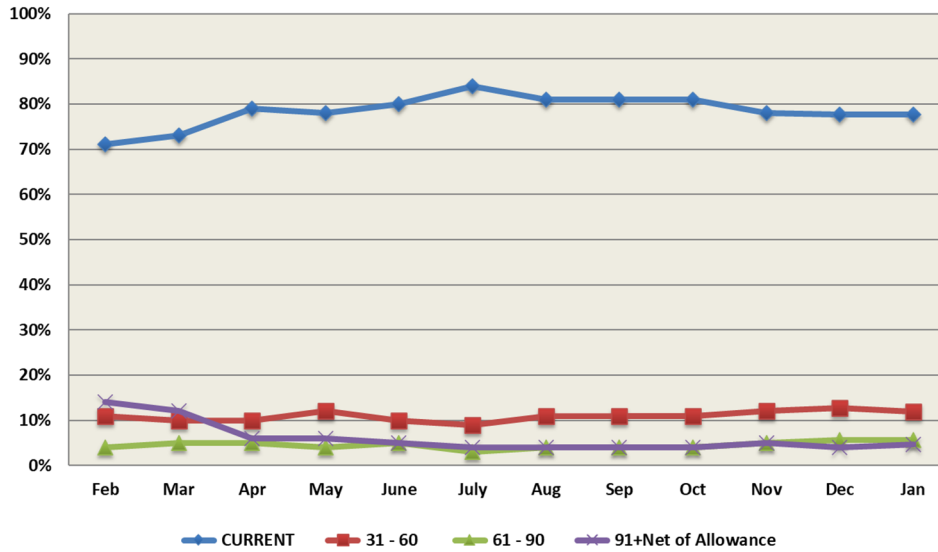
CAW Financial Metrics

		2022	2023	Goal
1	Current Ratio	2.52	2.36	>1.50
2	Quick Ratio	2.39	2.22	>1.25
3	Debt Utilization	30%	33%	<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 \$2.36 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 January 31, 2023, the Quick Ratio was 2.22.*
- 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 33% means that for every dollar of assets, 33 cents is being financed with debt. A 2017 AWWA Benchmarking Study showed the national average to be 39%.*

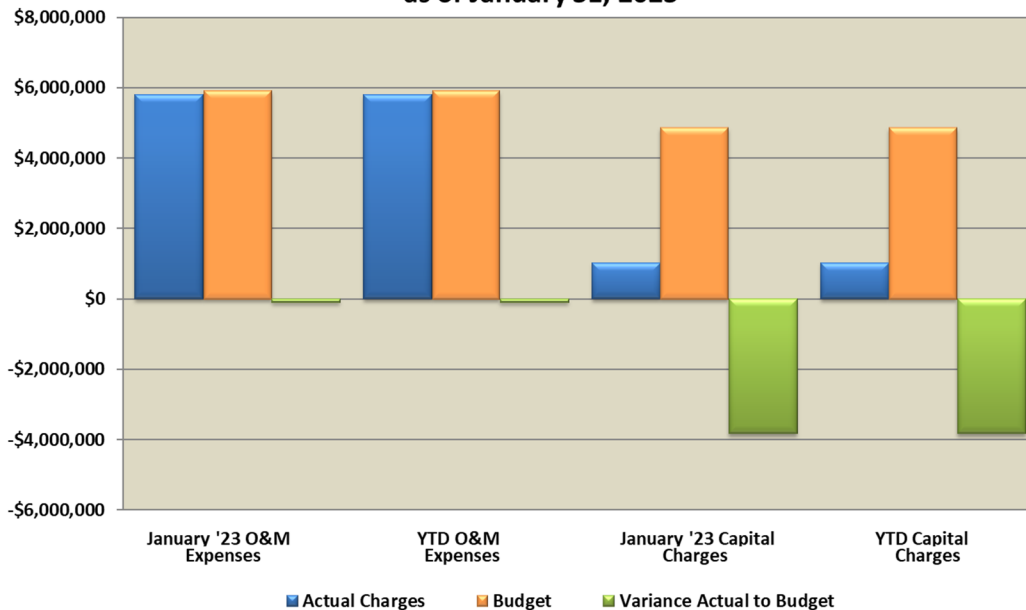
Trend on Delinquent Accounts as of January 31, 2023



O&M Expenditures and Capital Charges to Budget as of January 31, 2023

	Jan-23	YTD 2023	Jan-23	YTD 2023
	Operating Expense	Operating Expense	Charges to Capital	Charges to Capital
Actual	5,800,004	5,800,004	1,029,394	1,029,394
Budget	5,909,443	5,909,443	4,858,806	4,858,806
Variance	(109,439)	(109,439)	(3,829,412)	(3,829,412)

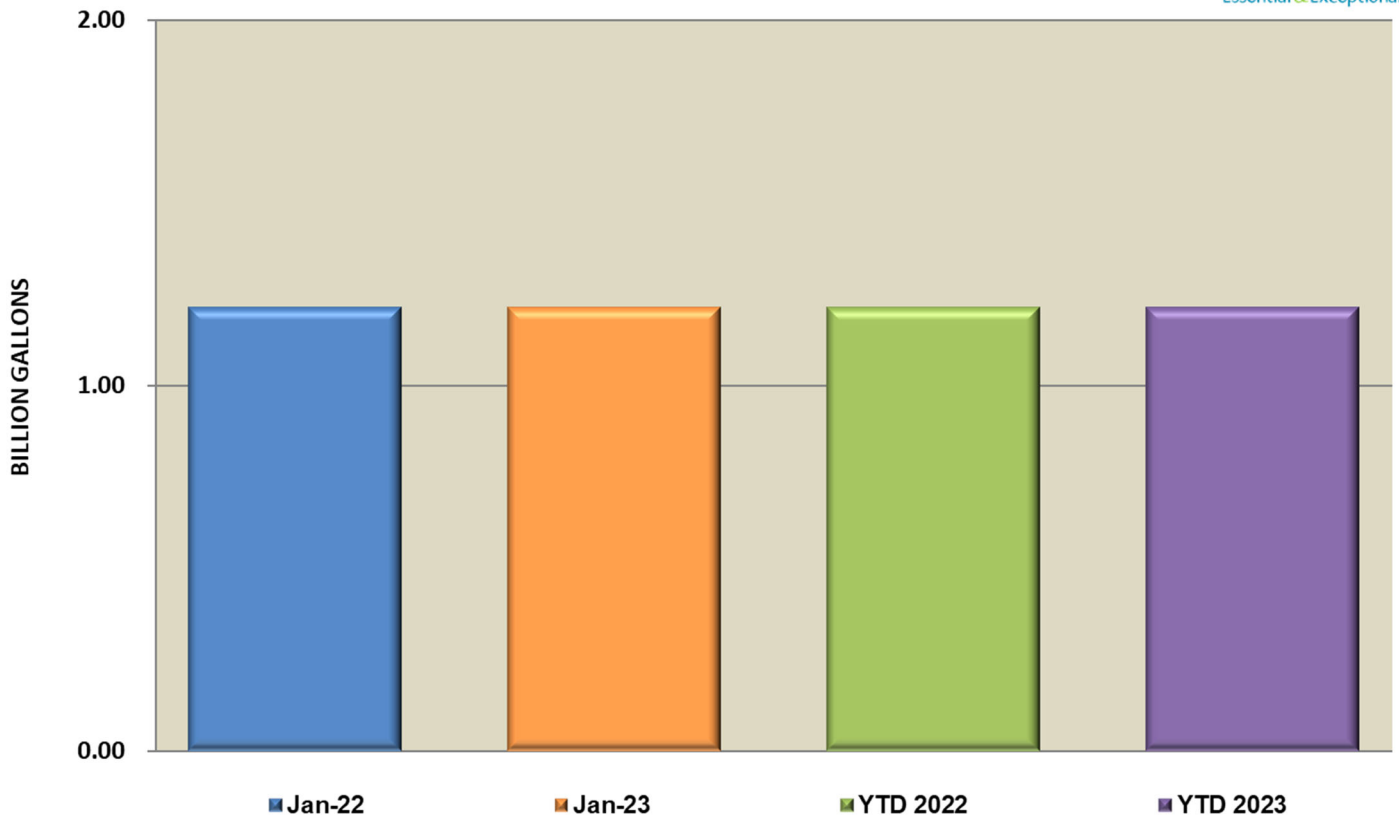
Comparison of O&M Expenditures & Capital Charges to Budget as of January 31, 2023



GALLONS OF WATER SOLD

	January		YTD	
	2022	2023	2022	2023
METERED SALES	1,213,533,989	1,213,320,348	1,213,533,989	1,213,320,348

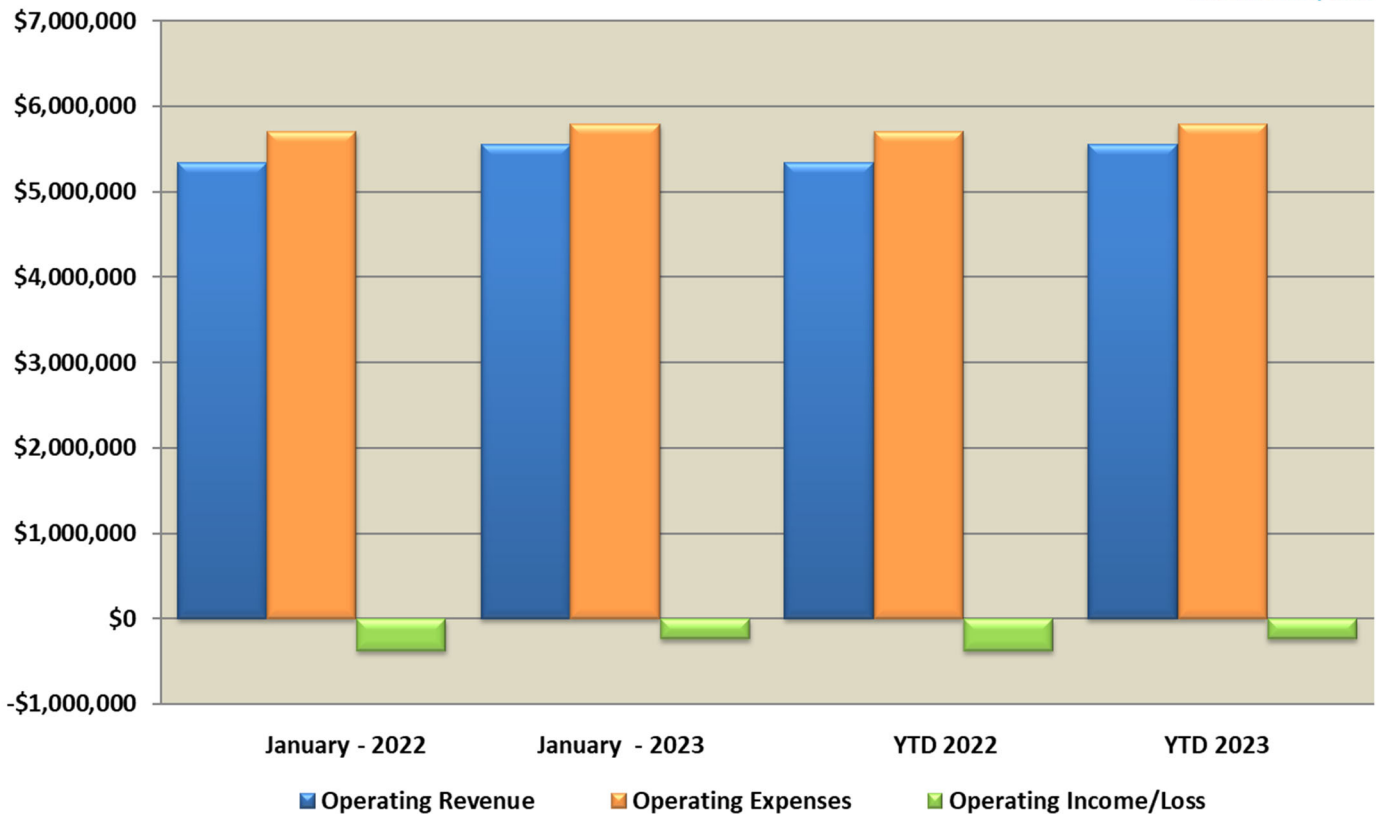
GALLONS OF WATER SOLD



Cost of Producing Water vs. Revenue Received

	January				YEAR TO DATE			
	2022	%	2023	%	2022	%	2023	%
Operating Revenue	\$5,340,792	100.0%	\$5,559,718	100.0%	\$5,340,792	100.0%	\$5,559,718	100.0%
Operating Expenses	\$5,711,230	106.9%	\$5,800,004	104.3%	\$5,711,230	106.9%	\$5,800,004	104.3%
Operating Income/Loss	(\$370,438)	-6.9%	(\$240,286)	-4.3%	(\$370,438)	-6.9%	(\$240,286)	-4.3%

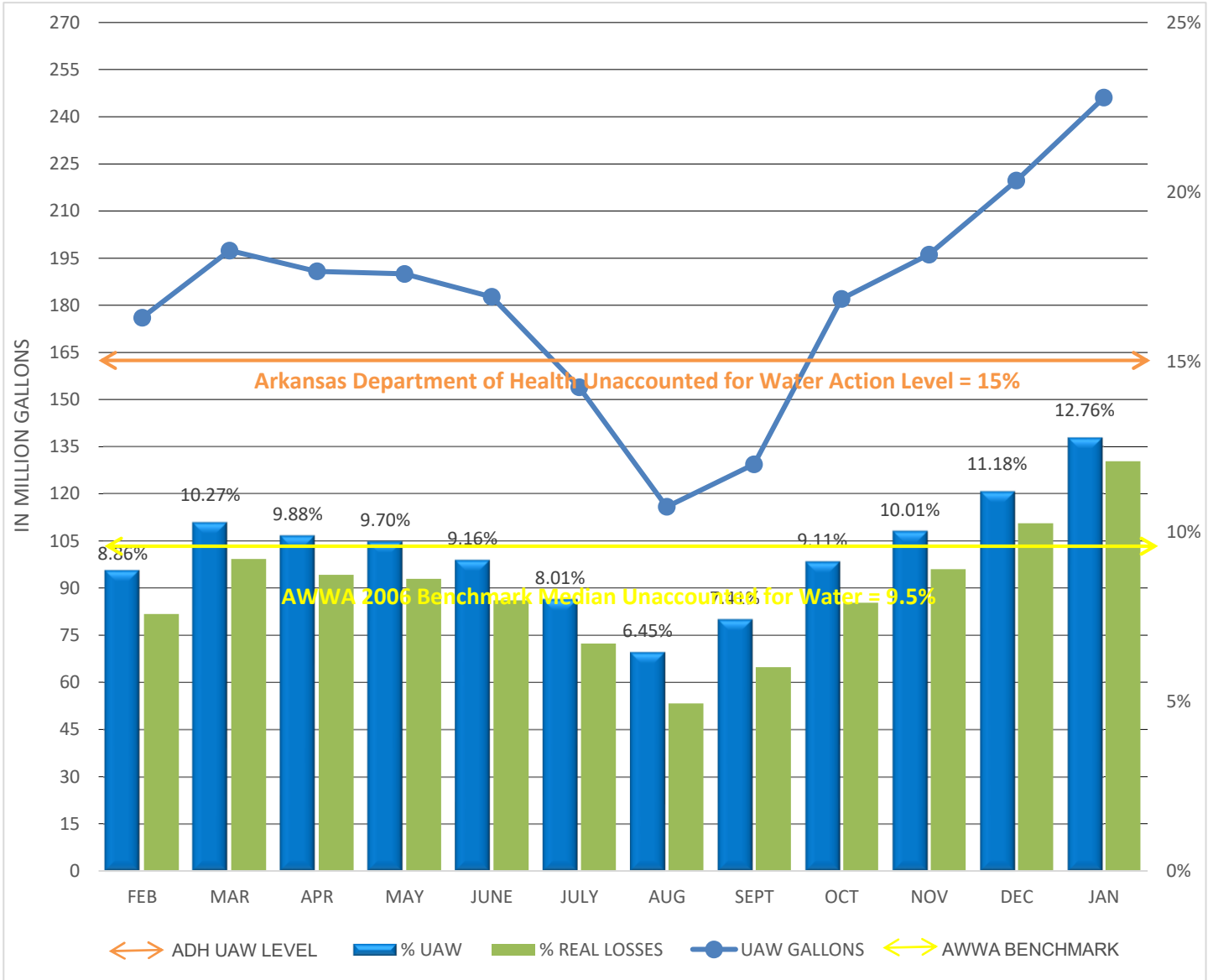
Cost of Producing Water vs. Revenue Received



PERCENTAGE OF REAL LOSSES & UNACCOUNTED FOR WATER

(12-month running average)

Ending January 31st, 2023



Engineering Highlights March 16, 2023

❖ 2023 CURRENT

- The Engineering Department currently has 29 **capital improvement** projects in design and 25 projects under construction (29 and 25 last month).
- The Engineering Department currently has 93 **developer-initiated** improvement / extension projects under review and 59 projects under construction (93 and 59 last month).

❖ PROJECT HIGHLIGHT - this month....

2-inch Galvanized Water Main Replacements – Little Rock – Phase 4 – 2022

This project, approved during the August 2022, Commission meeting, will replace approximately 3,500 feet of 2-inch diameter old, galvanized water main with 3,500 feet of 6-inch diameter ductile iron pipe. The galvanized pipe being replaced is 70-75 years old and suffers frequent leaks and breaks. The area of work for this project is along Jewell, Youngblood, Blackwood, and Crouchwood Roads in the Heights area west of North McKinley Street in Little Rock. Ductile iron is the replacement pipe material of choice due to the high water pressure in the area. The pipe diameter is being increased from 2-inch to 6-inch to facilitate adequate fire flows and provide for the installation of fire hydrants in certain locations that are currently fire hydrant deficient. The project contract award was made to Cisnero Family Construction (Jacksonville, AR) in the amount of \$1,190,923.52. The Notice to Proceed was issued in late January 2023, and work began on the project in late February 2023. The delay from August to February was due to extended pipe and fittings delivery that has affected jobs across the state and nation. The contractor has commenced his first work along Blackwood Road. Due to the location of existing other utilities, confined available space, landscaping, and steep slopes, our new pipe is mostly being installed inside the outer edge of the paved street. Significant rock has been encountered which is slowing the installation of pipe and service lines. Currently, the contractor has 270 calendar days to complete the work.

Before excavation, the contractor has other existing utilities located. Locates for sewer (green paint) and natural gas (yellow paint) can be seen at this site. Due to limited routing options for the new water main (including steep slopes, other utilities, existing landscaping), most of the new water main will be installed inside the street pavement.





The project contractor secured an agreement with this property owner to allow the storage of construction material (pipe, crushed stone, cold-mix asphalt) on this Blackwood Road property.



Signage and barricades along Blackwood Road. Sections of the project will require a street to be restricted or closed at certain times due to work and safety concerns. This is a common occurrence on virtually every waterline installation project.



Open-cut trenching along Blackwood Road. The new pipe is being installed just inside the outer edge of the asphalt street surface. It is difficult to see in the photograph, but the trenching is hard and slow due to rock.



After the new pipe is laid, a temporary street repair is completed. The repair consists of removal of the native material, backfilling the trench with 100% crushed stone (compacted), and topping the trench with cold-mix asphalt. The permanent repair will be made at a later date.



New fire hydrant being added mid-block.

Service line being placed under the street to serve a meter on the "long" side of the street from the new water main. A pneumatic boring tool is being used to punch a line under the pavement without cutting all the way across the street.



ACTIVE ENGINEERING PROJECTS

March 09, 2023

PROJ NO.	PROJECT/CONTRACTOR	CONTRACT DATE	CONST START	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	PAID TO DATE	AMOUNT REMAINING	PERCENT COMPLETE	REMARKS
5251	2" GALV MAIN REPLACEMENTS - LITTLE ROCK PHASE 1 - 2022 J.R. FOX COMPANY, INC.	3/7/2022	4/28/2022	\$1,085,746.84	\$41,548.00	\$713,071.86	\$414,222.98	63.26%	3/7/23 - REPLACE APPROX. 7,000 L.F. OF 2" GA MAINS IN LR - ASHER, ADAMS, WASHINGTON, JOSHUA, LEWIS, W. 14TH, BROWN, ALLIS, JOHNSON, AND W. 13TH. UNDER CONSTRUCTION - 1,563 L.F. OF 8" PIPE AND 4,100 L.F. OF 3" PIPE INSTALLED TO DATE (TW).
5319	2" GALV MAIN REPLACEMENTS NORTH LITTLE ROCK 2022 PHASE 3 DIAMOND CONSTRUCTION CO	11/15/2022	1/9/2023	\$1,092,000.00	\$0.00	\$614,518.86	\$477,481.14	56.27%	3/7/23 - APPROX. 5,000 L.F. OF 2" GALV MAIN REPLACEMENTS ALONG HWY. 161, E. BROADWAY, DONAGHEY, AND SIERRA CT. - NORTH LITTLE ROCK. UNDER CONSTRUCTION - APPROX. 25% COMPLETE (TW).
5262	2" GALVANIZED MAIN REPLACEMENTS PHASE 2 LITTLE ROCK - 2022 MC COMMUNICATIONS	4/12/2022	5/31/2022	\$1,215,769.92	\$0.00	\$701,666.99	\$514,102.93	57.71%	3/7/23 - 2" MAIN REPLACEMENTS IN LITTLE ROCK PHASE 2. ARAPAHO TRAIL, SUNNY HILL COURT, VILLAGE COURT, AND BOOKER ST. - 6,000' OF REPLACEMENT. UNDER CONSTRUCTION - 3,450 L.F. OF 3" PIPE AND 710' OF 6" PIPE INSTALLED (TW).
5311	2-INCH GALV MAIN REPLACEMENTS LITTLE ROCK PHASE 4 - 2022 CISNEROS FAMILY CONSTRUCTION	1/23/2023	1/26/2023	\$1,190,923.52	\$0.00	\$174,820.76	\$1,016,102.76	14.68%	3/7/23 - REPLACE 2" GA MAINS ALONG BLACKWOOD, CROUCHWOOD, YOUNGWOOD, JEWELL, AND HARMON IN LITTLE ROCK - APPROXIMATELY 5,000 L.F. NOTICE TO PROCEED ISSUED 1/23/23 - NO PAY REQUESTS SUBMITTED TO DATE (TW).
5279	2-INCH GALV. MAIN REPLACEMENTS SHERWOOD/PULASKI COUNTY PHASE 1 - 2022 DIAMOND CONSTRUCTION CO	6/3/2022	10/3/2022	\$914,464.00	\$0.00	\$661,606.31	\$252,857.69	72.35%	3/7/23 - REPLACE APPROX. 5,000 L.F. OF 2" GALV MAINS ALONG RIXIE RD. AND SIDNEY LN. IN PULASKI CO.; AND GREENWOOD AVE. IN SHERWOOD. 728 OF 8", 3,859 L.F. OF 6" AND 348 L.F. OF 3" PIPE INSTALLED. WORKING ON SERVICES AND RESTORATION (TW).
4646	30 CROSSING ARKANSAS RIVER CROSSING 24-INCH TRANSMISSION MAIN RELOCLATION ON NEW I-30 BRIDGE KIEWIT-MASSMAN CONSTRUCTION	8/31/2018	9/1/2018	\$2,682,369.66	\$0.00	\$1,877,659.76	\$804,709.90	70.00%	3/7/23 - DIST. PKG SUBMITTED ON 1/9/23 TO INSTALL 16" BFVA AS A CONNECTION POINT FOR THE 16" MAIN REPAIR WORK UNDER THE FLOOD WALL TO BE CONSTRUCTED BY KMC. DIAMOND COST PROPOSAL RECEIVED ON 2/7/23 IN THE AMT. OF \$120,100.00 - BEING REVIEWED BY KMC (TW).
4922	EPISCOPAL SCHOOL / GILL STREET AQUEDUCT 16" MAIN REPLACEMENT - ARDOT - PH 2 - 2019 DISTRICT UTILITY CONSTRUCTION	4/29/2022		\$1,220,286.10	\$0.00	\$246,501.55	\$973,784.55	20.20%	3/7/23 - PHASE 2: 1,300 L.F. OF 16" MAIN FOR ARDOT BRIDGE REPLACEMENT PROJECT (061454). 48" & 30" ENCASEMENT PIPES AND 16" R.J. PIPE DELIVERED TO SITE AND ACCEPTED. CONTRACTOR SCHEDULING START DATE (TW).
5284	JACKSONVILLE-CATO ROAD RELOCATIONS FOR PHASE 1 SHERWOOD STREET IMPROVEMENTS - 2022 DIAMOND CONSTRUCTION CO	7/7/2022	12/19/2022	\$942,000.00	\$0.00	\$412,156.50	\$529,843.50	43.75%	3/7/23 - JACKSONVILLE-CATO RD. STREET IMPROVE PROJECT PHASE 1. DIAMOND IS THE CONTRACTOR. INSTALLATION OF 5,530 L.F. OF 12" MAIN. 12" D.I. PIPE RECEIVED. PRE-CON ON 12/13/22 - WAITING FOR SHERWOOD TO OBTAIN ALL NEW ROW (TW).
				\$10,343,560.04	\$41,548.00	\$5,402,002.59	\$4,983,105.45		

ENGINEERING PROJECTS IN DESIGN

March 09, 2023

PROJ NO.	PROJECT	PRELIMINARY ESTIMATE	DESIGN START	DESIGN COMPLETE	REMARKS
5401	2" GALV. MAIN REPLACE LITTLE ROCK 2023 PHASE 3	\$2,000,000.00	1/18/2023	3/10/2023	3/7/23 - REPLACE APPROX. 8,000 L.F. OF 2" GALV. MAINS IN LITTLE ROCK - W. ROOSEVELT, W. 24, W. 23, S. BATTERY, W. 29, S. SCHILLER, W. 28, S. SUMMIT. WORK TO HELP CITY DEVELOPMENT PROJECT. START BID ADVERTISING ON 3/12/23. BID OPENING ON 4/4/23 (TW).
5318	2" GALV. MAIN REPLACEMENTS LITTLE ROCK 2023 PH. 1	\$1,200,000.00	6/17/2022	10/7/2022	3/7/23 - AREA OF WORK: RIDGE PASS CT., HARMON DR., BEECHWOOD ST., S. ELM ST., E. 50TH ST., AND YOUNDWOOD RD. IN LITTLE ROCK. 5,000 L.F. OF 2" GALV REPLACEMENT. WAITING FOR MATERIAL DELIVERIES TO START WORK (TW).
5381	2" GALVANIZED MAIN REPLACEMENTS NORTH LITTLE ROCK PHASE 2 2023	\$2,000,000.00	11/18/2022	12/9/2022	3/7/23 - 9,000 L.F. OF 2" GALV. AND C.I. MAIN REPLACEMENTS IN NLR AT W. 47TH, W. 39TH, W. 37TH, BURKS, DIVISION, W. 44TH, LYNN, AUGUSTA, AND FRANK (NLR). EXECUTING THE CONTRACT BOOKS . ADH PERMIT RECEIVED 2/22/23 (TW).
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	6/30/2023	2/9/23 JOB PACKET TO DISTRIBUTION TO POTHOLE EXISTING 36" MAIN AND COORDINATE WITH ARDOT SURVEYORS FOR THEM TO GATHER ELEVATION AND HORIZONTAL LOCATION INFORMATION. (CG) 3/1/23 CURRENTLY WORKING WITH ARDOT ON PRE-DESIGN. (CG)
5400	FORT ROOTS 12" MAIN EXTENSION FOR FUTURE FORT ROOTS P.S. - 2023	\$420,000.00	1/13/2023	3/31/2023	3/7/23 - INSTALL APPROX. 1,850 L.F. OF 8" D.I. MAIN THRU PULASKI TECH FROM TANK 24 TO NEAR THE SW CORNER OF OF 1ST ST. AND 4TH ST. FOR FUTURE FORT ROOTS PUMP STATION. WORKING ON DESIGN/BID DOCUMENTS AND EASEMENTS (TW).
5304	IMPROVE / REPLACE RAW WATER PUMP STATION NO. 12 - JACKSON RESERVOIR - 2022 - PS 12 - PS12	\$4,800,000.00	5/23/2022	2/28/2023	IMPROVE/REPLACE RAW WATER PS#12 AND JACKSON RESERVOIR INTAKE STRUCTURE. 1/4/23 60% DESIGN PLANS RECEIVED EARLY DEC. 2023 EXPECT FINAL DESIGN BY MAR 15 2023
5315	JACKSONVILLE-CATO RD. PH.2 WATER MAIN RELOCATIONS SHERWOOD 2023	\$1,000,000.00	8/1/2022	9/30/2022	3/7/23 - 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 REHABILITATION & IMPROVEMENTS - 2023 - COMPLETE PLANT REHAB & RECONFIGURATION	\$135,000,000.00	3/16/2023	12/31/2024	WILSON WTP RENEWAL & RESILIENCY PROJECT COMPLETE PLANT REHAB & IMPROVEMENTS DESIGN COMMENCE MARCH 2023 DESIGN COMPLETE DEC 2024

\$150,920,000.00

Distribution – March 16, 2023

25* - main breaks in Feb. 4 – galv.

- ❑ Last Feb.: 46 breaks – 7 galv.
- ❑ 2023 YTD – 76 2022 YTD – 105
- ❑ Galvanize YTD: 16 – 2023, 24 – 2022,
36 – 2021, 27 – 2020,
19 – 2019, 48 – 2018

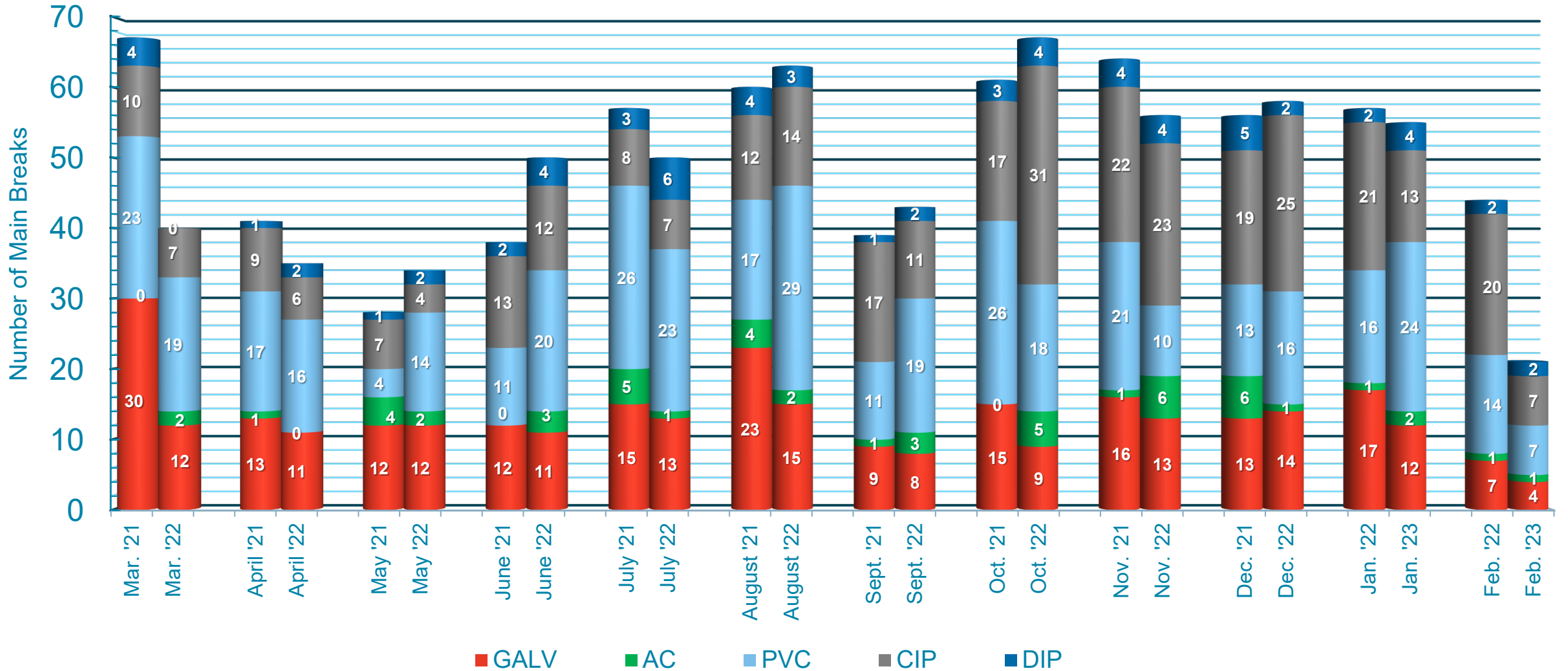
❑ Planned / Unplanned Shutdowns

- ❑ 9 planned effecting 109 customers
 - 4 by contractor – 27 customer
- ❑ 4 unplanned effecting 20 customers
 - 0 by contractor – 0 customer
- ❑ 8 shutdowns not required
 - 1 by contractor – 0 customers
- ❑ 4* pending repairs

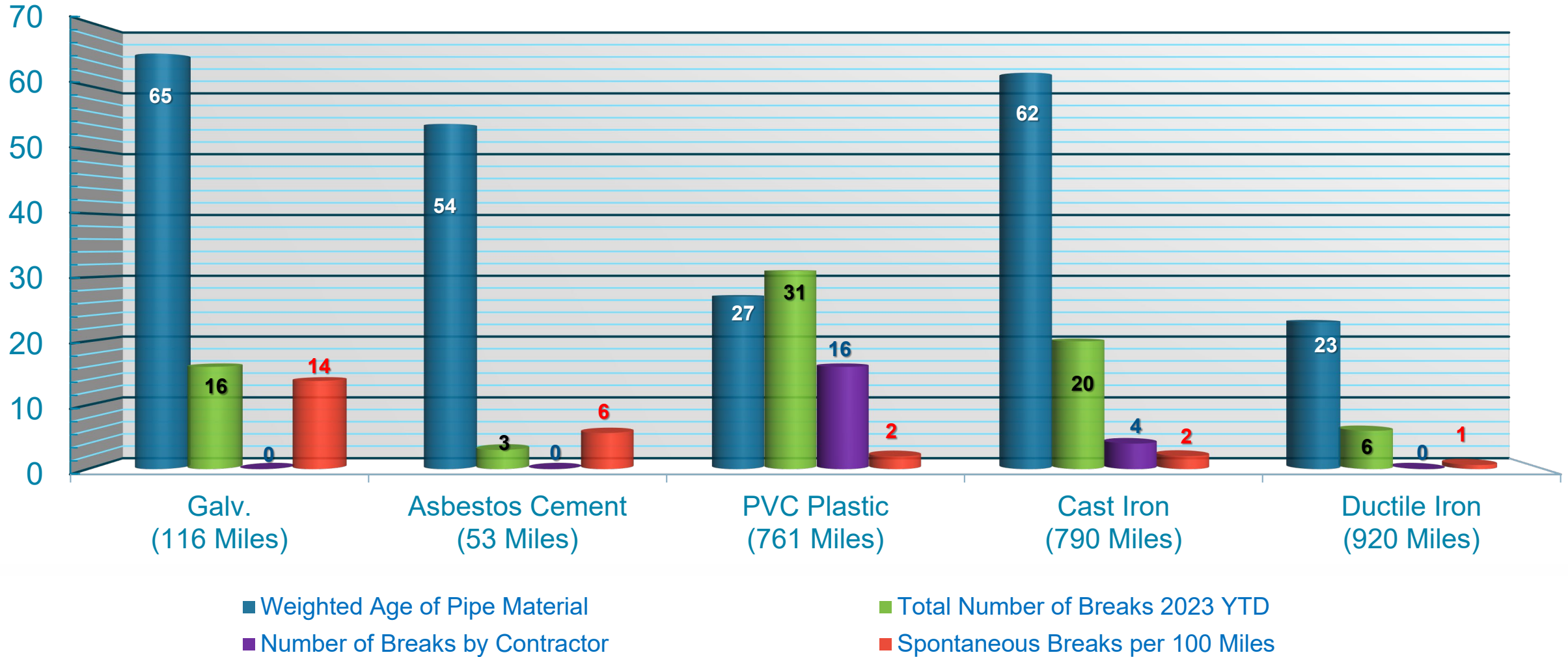
Feb. Main Break Summary

- ❑ 4 – 2” Galv.
- ❑ 4 – 2” PVC (3 BBC)
- ❑ 2 – 3” PVC (1 BBC)
- ❑ 4 – 6” CI (1 BBC)
- ❑ 3 – 8” CI
- ❑ 2 – 8” DI
- ❑ 1 – 10” PVC
- ❑ 1 – 12” AC

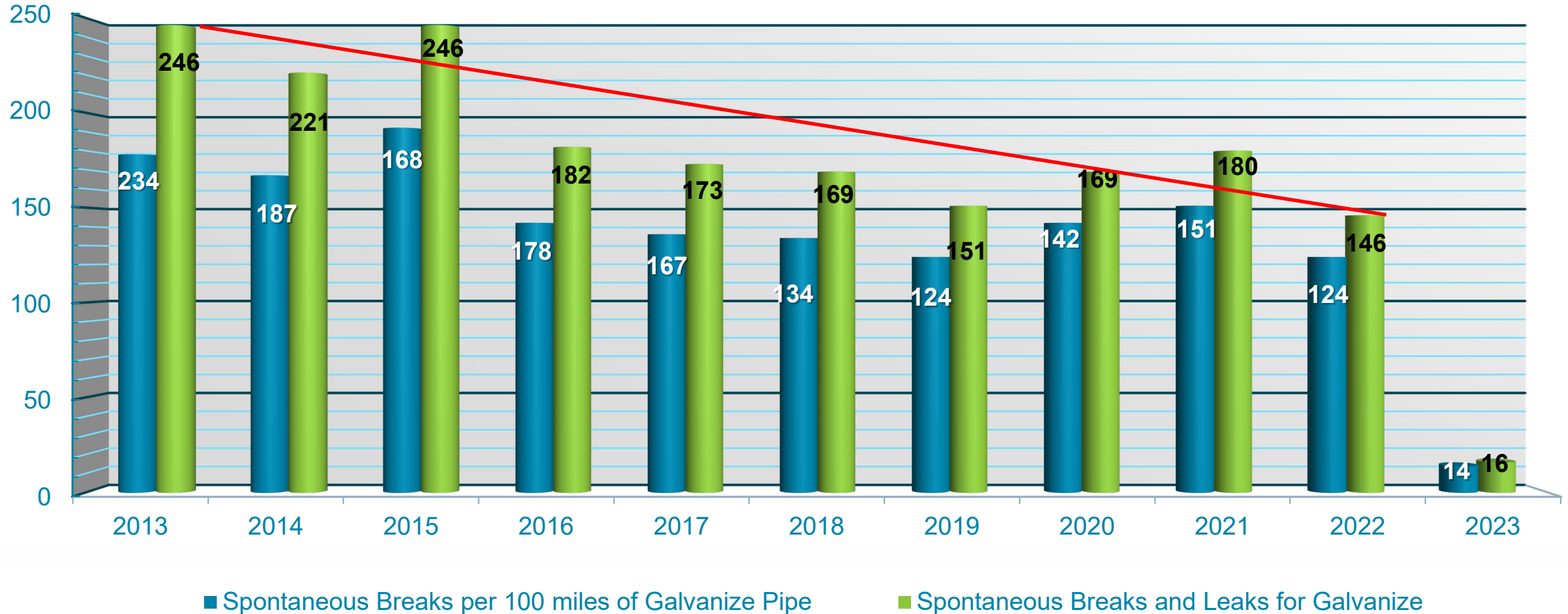
Main Break Comparison



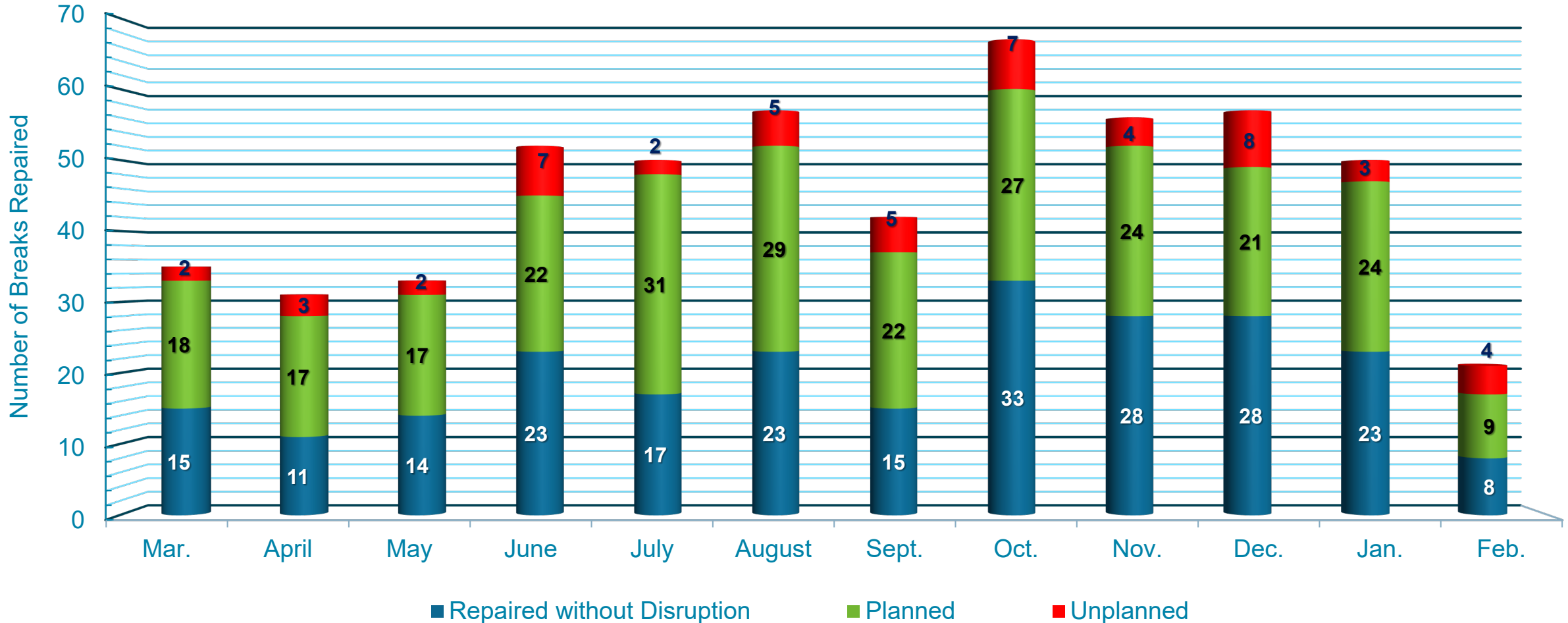
2023 YTD Breaks by Material



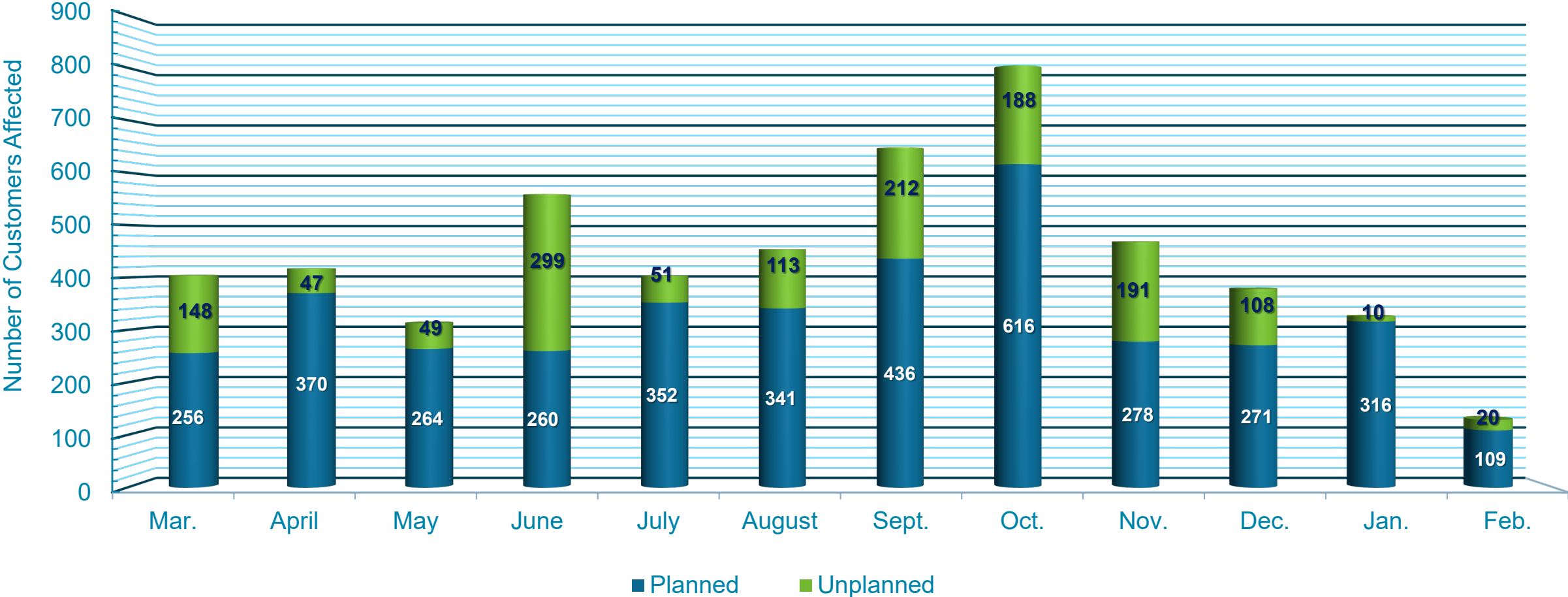
Spontaneous Breaks on Galvanize



Planned vs. Unplanned Outage



Customer Outages



Feb. – New Services

1" Services:

▣ 2023 – 33	2022 – 91
YTD – 71	YTD – 175

1" Stubs:

▣ 2023 – 9	2022 – 36
YTD – 21	YTD – 108

Bullheads:

▣ 2023 – 14	2022 – 26
YTD – 32	YTD – 33

Feb. – Replaced Services

▣ 2023 – 32	2022 – 33
YTD – 75	YTD – 63

Feb. – Work Orders

▣ Distribution – 543	YTD – 1,118
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Meter Change-Out Program

▣ CAW Feb. – 73	YTD – 367
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Un-locatable Valves

▣ Feb. – 0	YTD – 0
▣ Remaining: >12"= 0 4"-10"=86 <3"=183	

Valve Inspections 14" & smaller & 16" and larger

▣ Feb. – 29	YTD – 318
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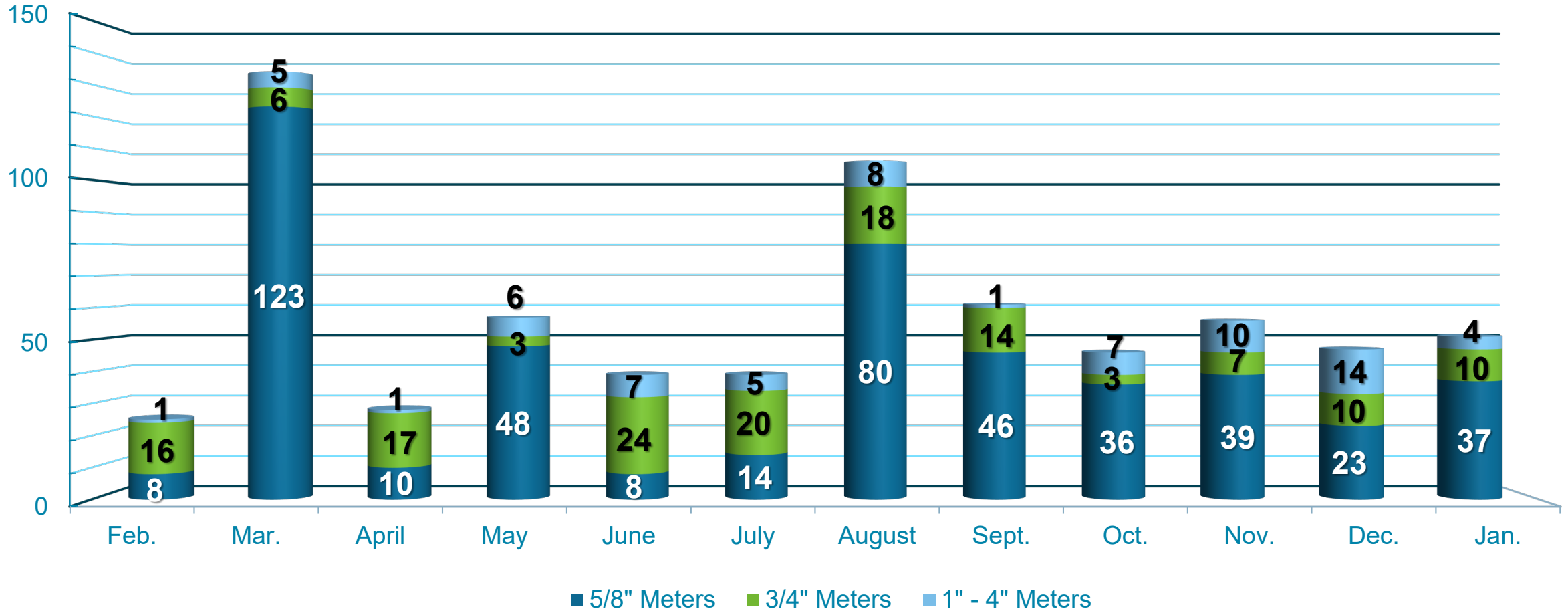
Fire Hydrants Inspections

▣ Feb. – 52	YTD – 52
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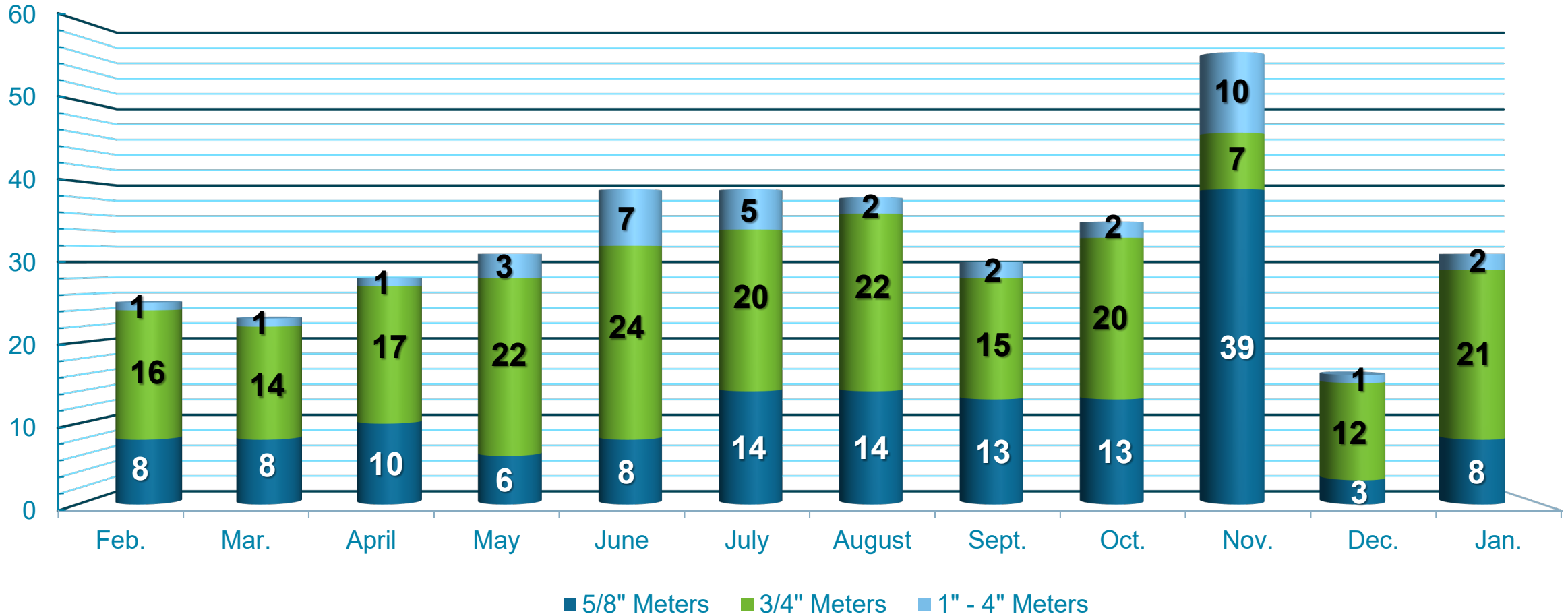
Pipe installed/replaced

▣ Feb. – 990'	YTD – 1,910'
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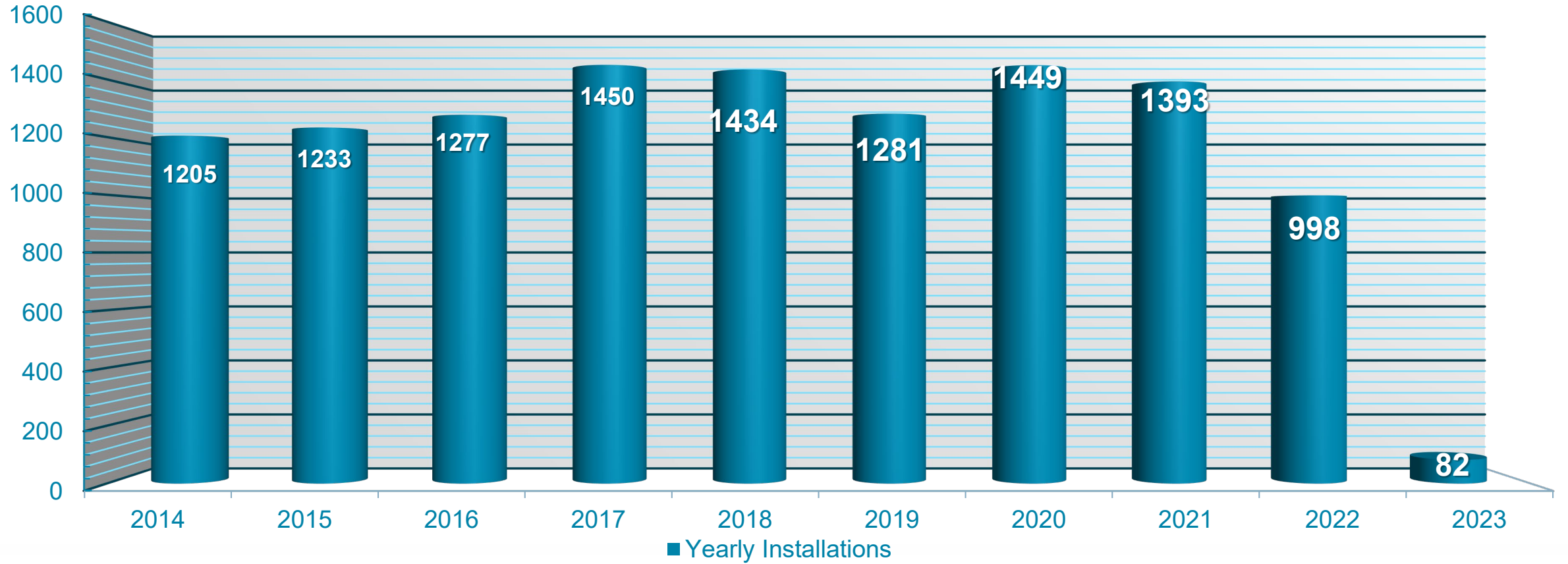
2023 YTD Domestic Service Meter Installations



2023 YTD Irrigation Service Meter Installations



Meter Installations by Year



- Year 2016 commenced addition of new accounts in City of Maumelle
- Year 2021 commenced addition of new accounts in Paron-Owensville
- Year 2022 commenced addition of new accounts in Perla

New Meter Install Map

CAW Meter Install Report
New Meter Installs - 1/1/2022 - 2/28/2023

Meter Installs by Date
2/1/2023 - 2/28/2023

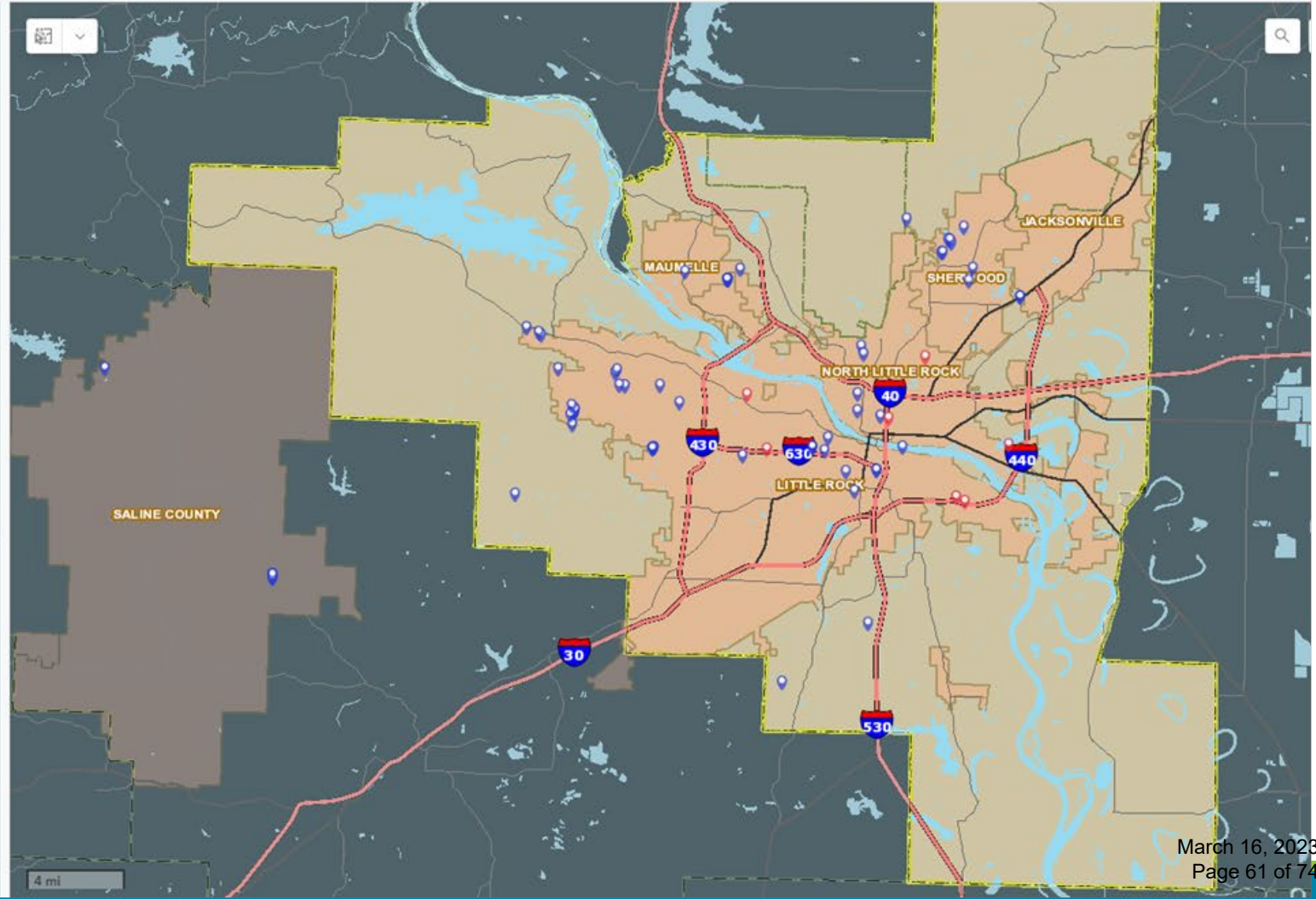
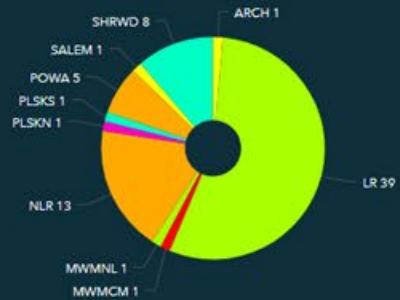
Select a Community
All

New Meter Installs

71



Meter Installs by District Code



Water Production – March 16, 2023



February Total Consumption

<u>2023</u>	<u>2022</u>
1.53 BG	1.45 BG

YTD to Date Consumption

<u>2023</u>	<u>2022</u>
3.29 BG	3.06 BG

Rainfall

<u>February</u>	<u>YTD</u>
7.6"	15.7"

Lake Update

Lake Winona	0.2 feet above spillway
Lake Maumelle	5.6 feet below spillway

Ozark Treatment Plant:

- PH valve #105 repaired
- Filter profiles performed
- Replace UPS batteries for hypo control system
- Replaced card in primary PLC
- Replaced batteries in VFD for flocculator

Wilson Treatment Plant:

- Contact chamber taken out of service for cleaning
- HSPS1A upgrade continues
- Pulaski Heights pump 3 back in service
- Repaired phosphate mixer #2

Paron System and Treatment Plant:

- Tank 2 is out of service for cleaning/painting
- Tank 1 returned to service
- Repaired communication issue

Lake Maumelle and Lake Winona Pump Stations:

- Draining lake for hydrilla control

Distribution System:

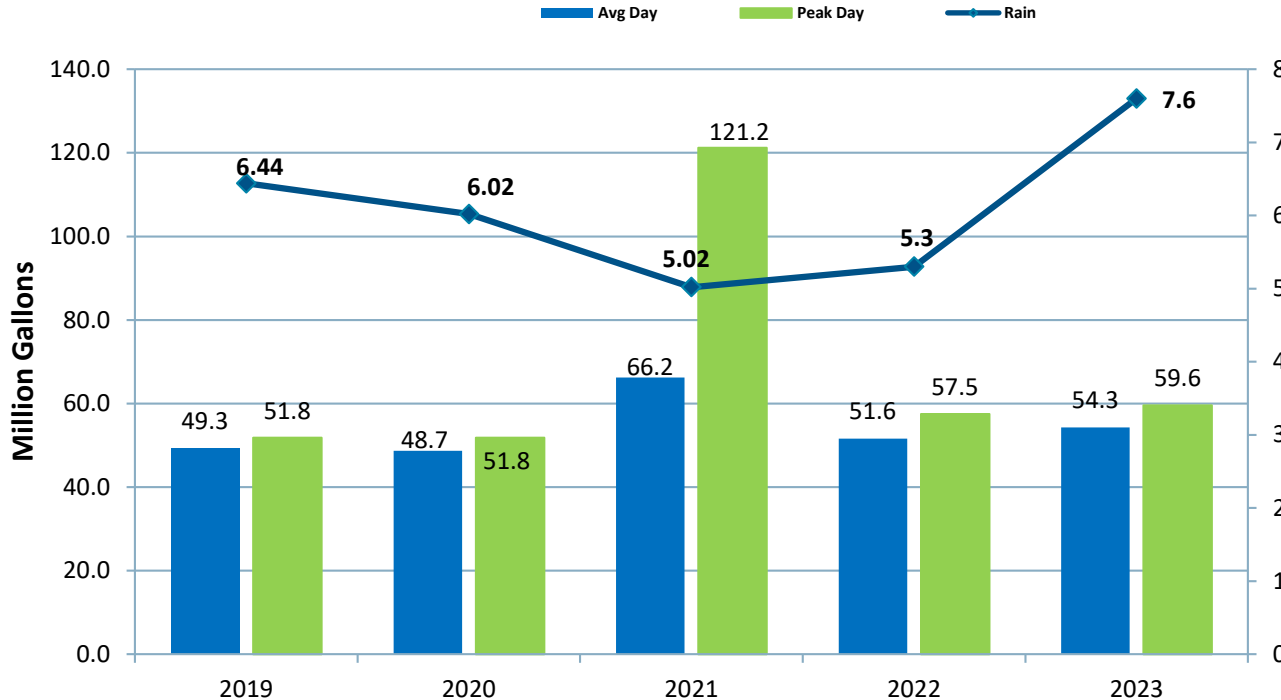
- I-630 Valve back in service
- Replaced sump pumps in Tank 26 vaults
- Installed new ATS Sta 23
- Repaired Tank 18 altitude valve
- Sta 16C pump 2 out of service for repairs

Wastewater:

- Worked on Wrightsville chlorinator

Average/Peak Monthly Production

February Monthly Production

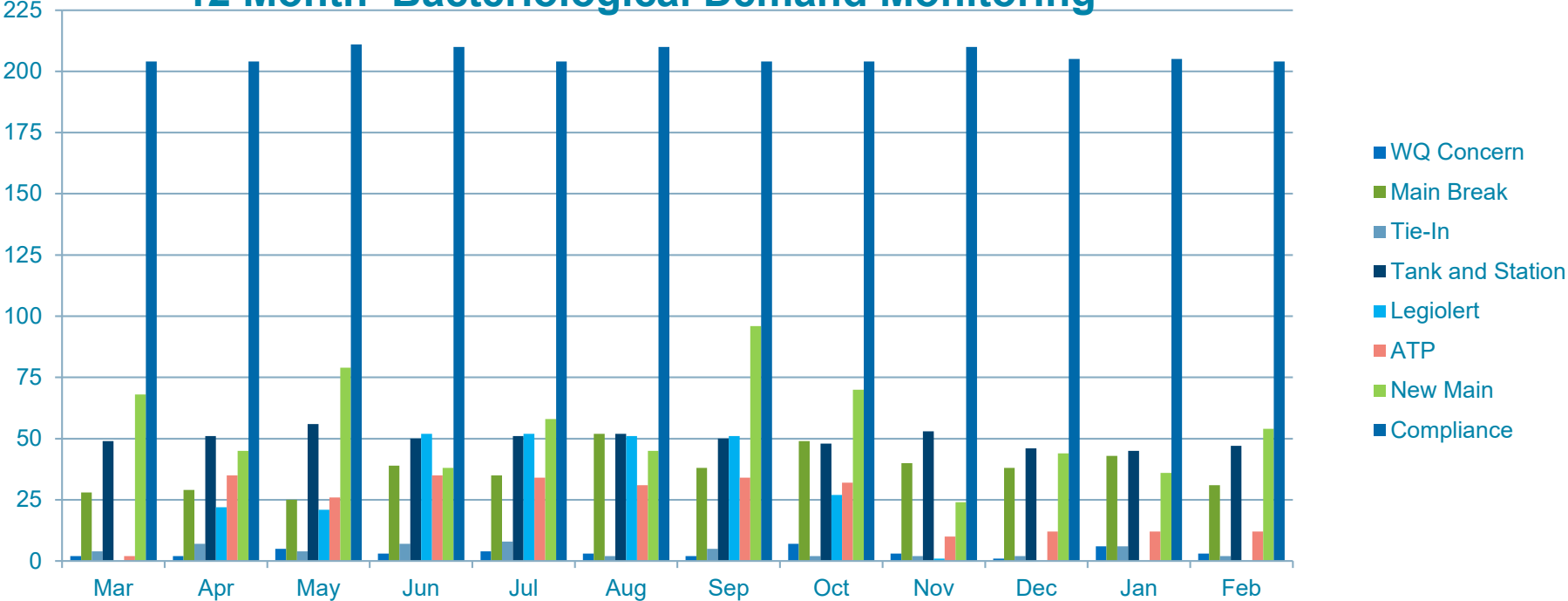


February Previous 5 Year Avg. Day Consumption: 53.3 MGD

Bacteriological Monitoring



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	10
□ Samples collected	54

□ Disinfection By-Product Sampling

□ # Sites monitored CAW	12
□ # Sites monitored Wye	5
□ # Sites monitored Paron	5

□ February Customer Concern Summary

□ Total # calls received	38
□ # Samples collected	3
□ # Positive samples	0

□ Customer Concern Samples by Category

□ Health	
□ Lead	
□ Particles/biofilm	
□ Discoloration	2
□ Taste/odor	1
□ Chlorine	
□ Other/general inquiry	

□ Special Sampling

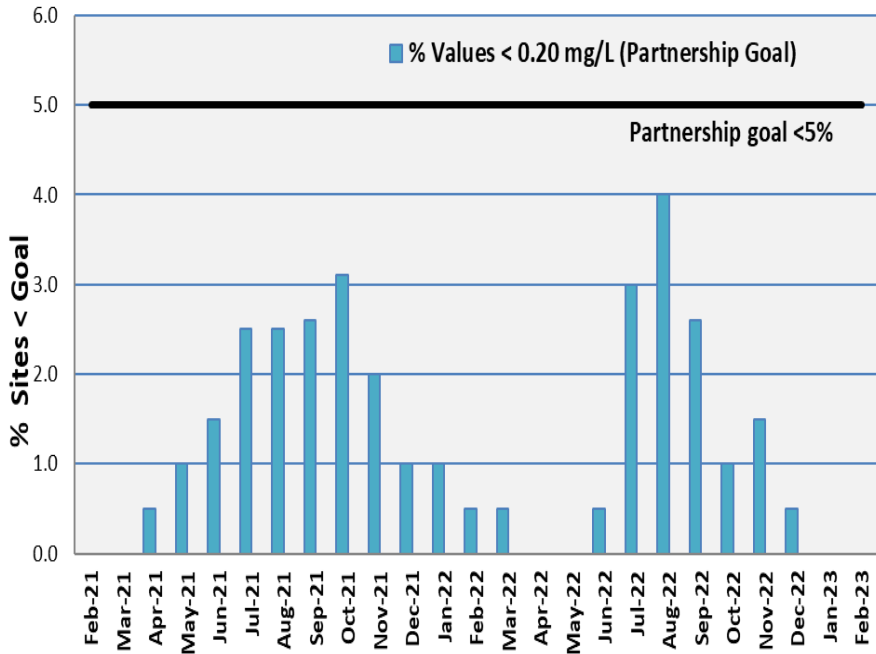
□ Perla system monitoring	5
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Distribution System Chlorine Residuals



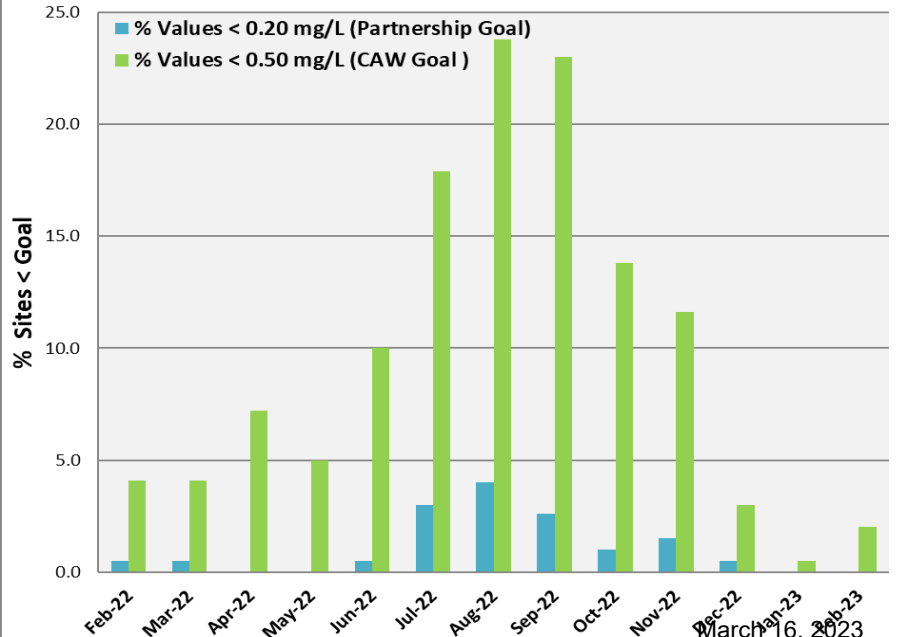
Partnership for Safe Water Goal

Percent of TCR Sample Site Free Chlorine Residual Values < Goal

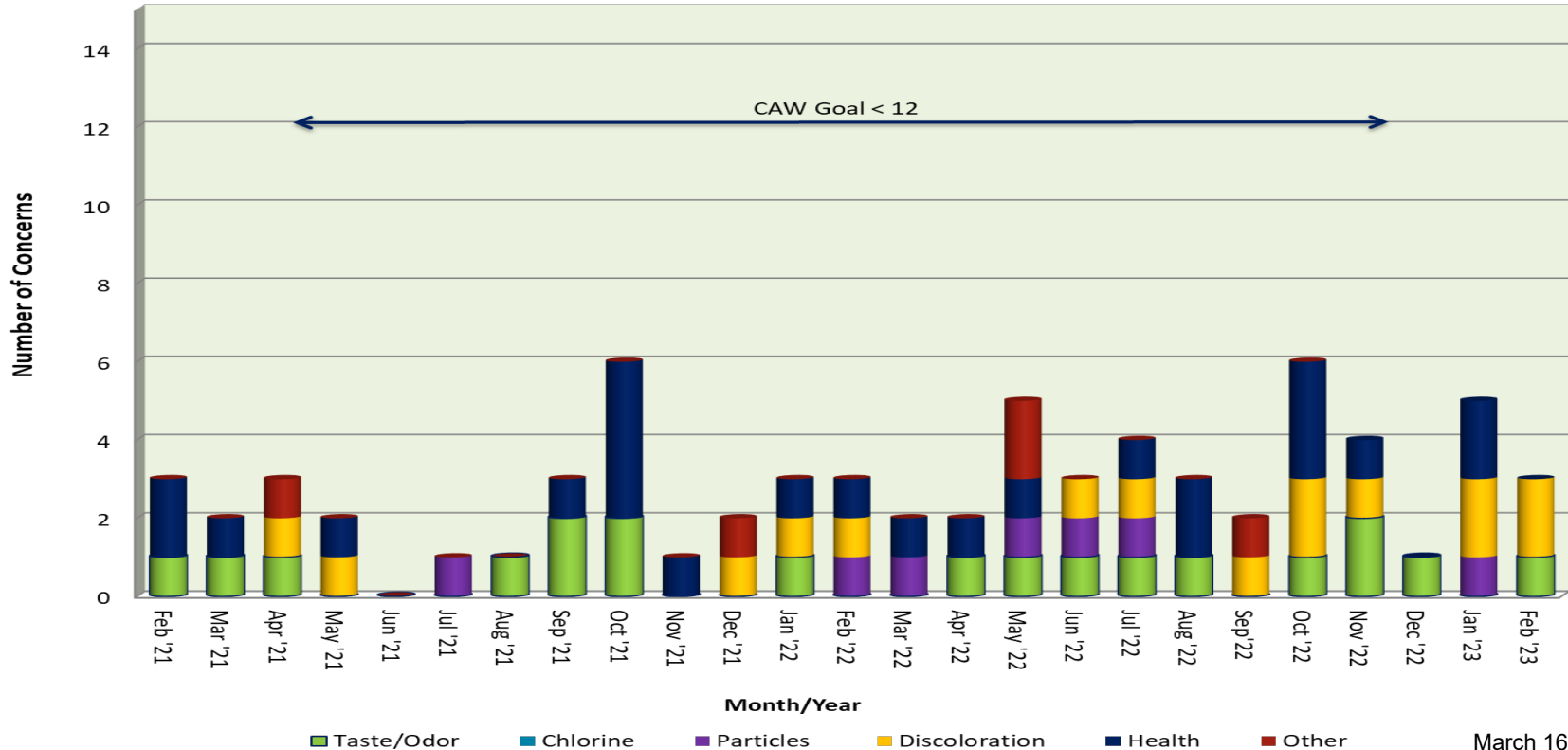


CAW Internal Goal

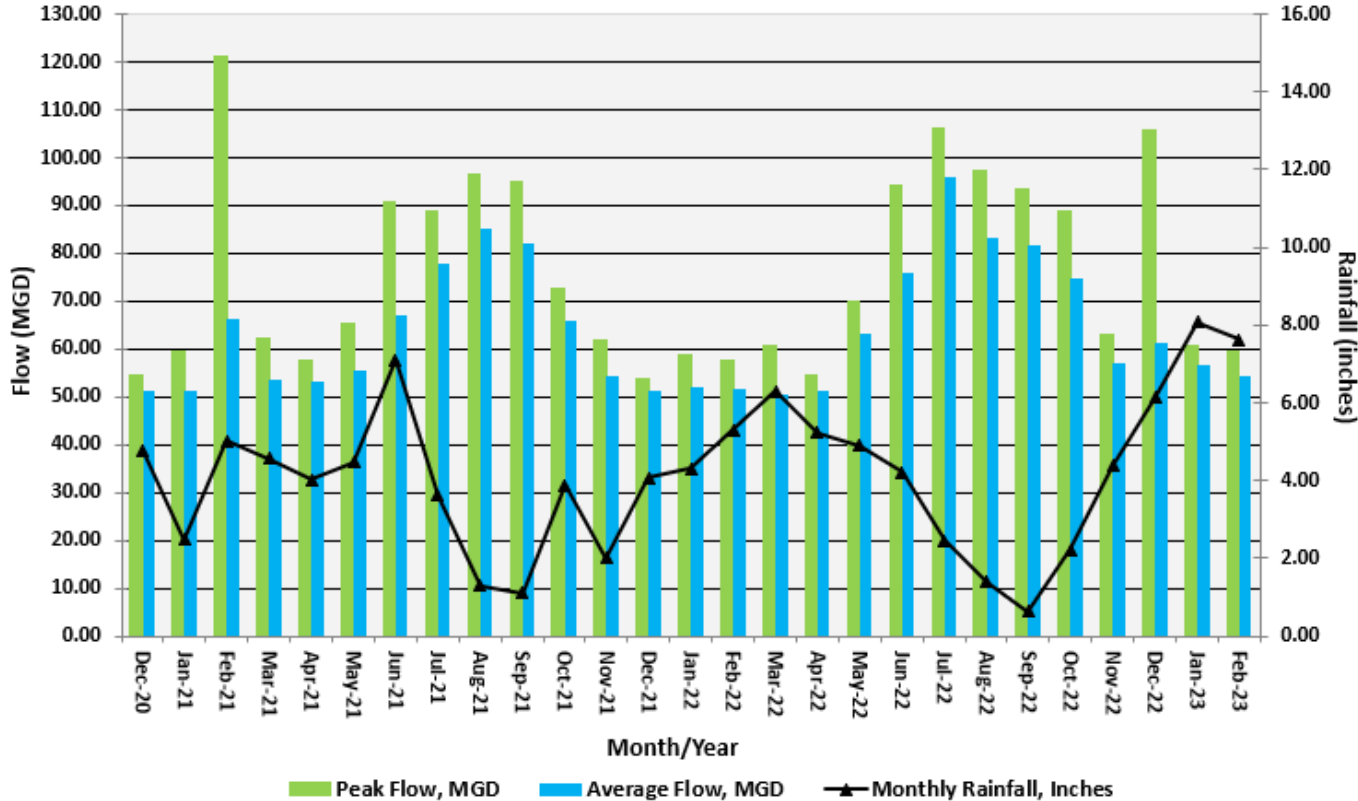
Percent TCR Sample Site Free Chlorine Residual Values < Goals



Customer Water Quality Concerns



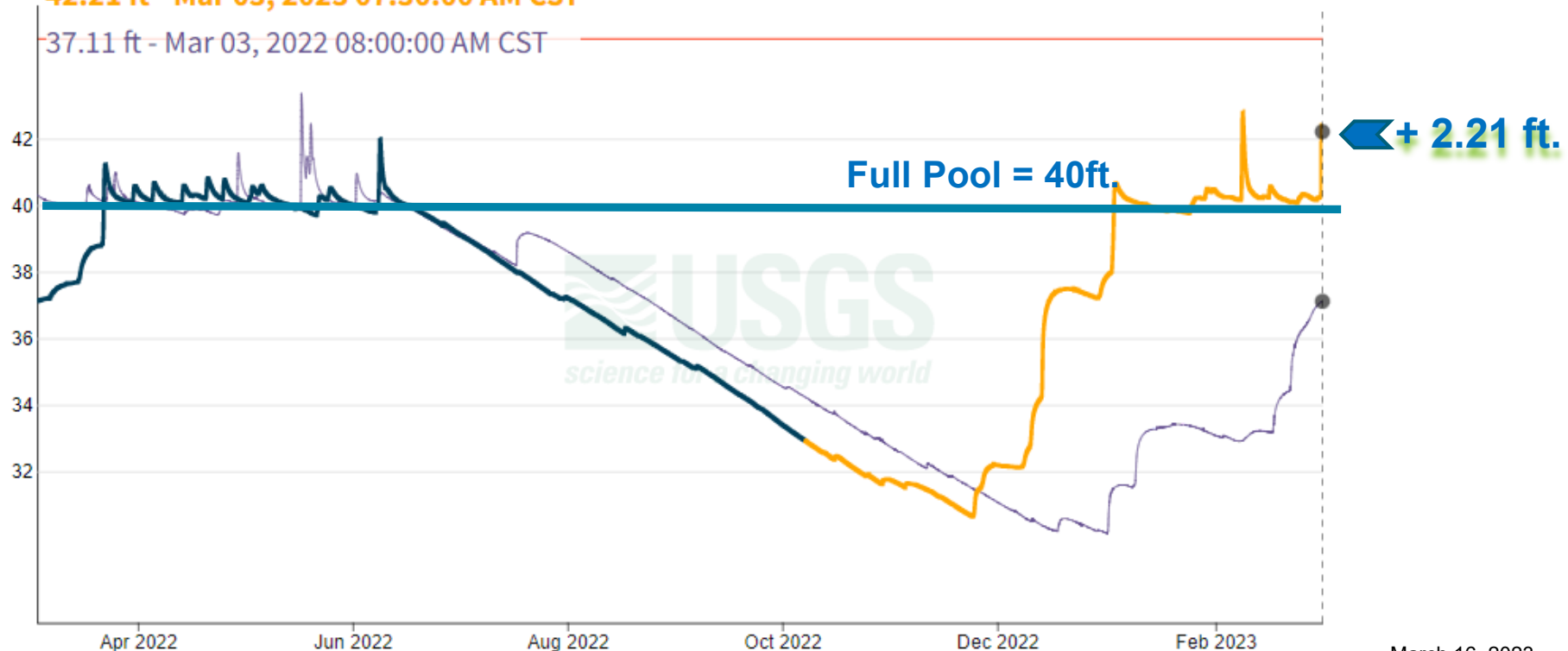
Monthly Peak & Average Day Flow vs Rainfall



Lake Level: Winona

42.21 ft - Mar 03, 2023 07:30:00 AM CST

37.11 ft - Mar 03, 2022 08:00:00 AM CST



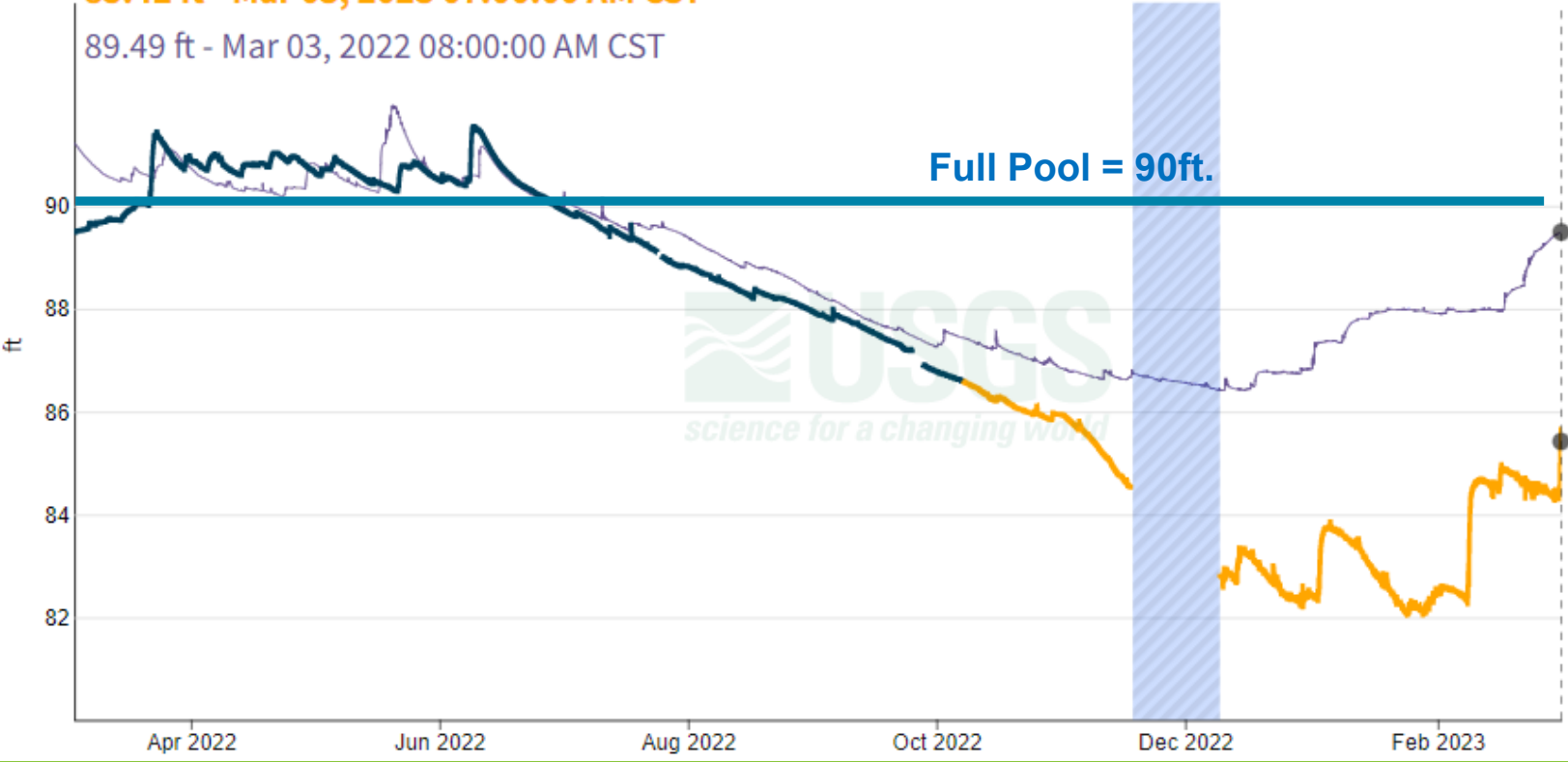
Lake Level: Maumelle

85.42 ft - Mar 03, 2023 07:00:00 AM CST

89.49 ft - Mar 03, 2022 08:00:00 AM CST

Full Pool = 90ft.

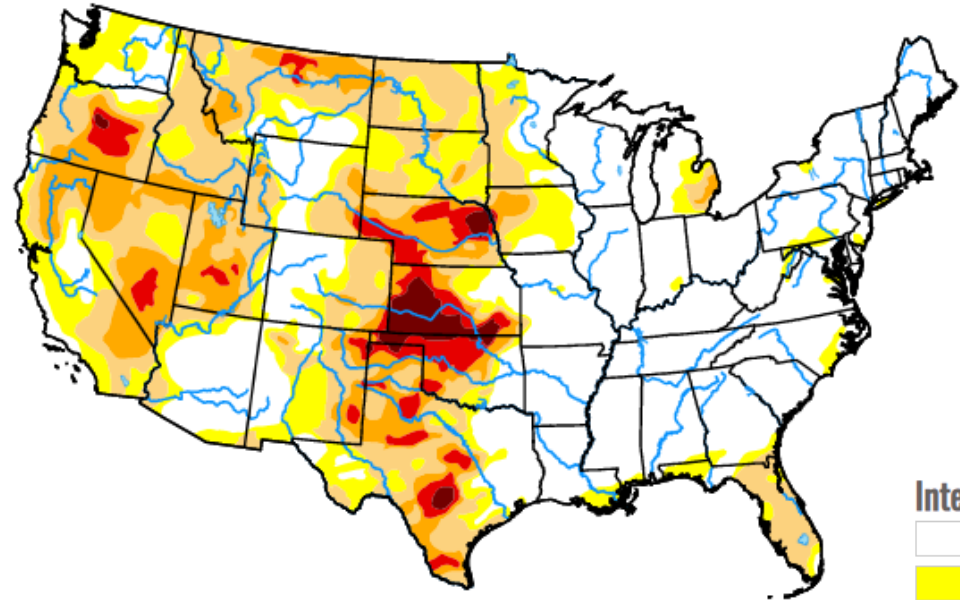
← - 4.58 ft.



Drought Monitor

U.S. Drought Monitor

Updated 3/2/2023



Intensity

None

D0 (Abnormally Dry)

D1 (Moderate Drought)

D2 (Severe Drought)

D3 (Extreme Drought)

D4 (Exceptional Drought)

No Data

March 16, 2023

Page 71 of 74

Wildfire Danger Status

Wildfire Danger as of 03.03.2023

Low Moderate High Extreme



Watershed – March 16, 2023



Key Metrics for February

LAND MANAGEMENT

Land Insp. For Potential Purchase	1 Tracts
Prescribed Fire	221 Acres
Forest Road Maintenance	2 Miles
Acres Invasive Species Removed	1

ECOLOGICAL MONITORING

Post Burn Evaluations	1
Culvert Assessments	2 days

March Focus & Agenda Items

- **AGENDA:** None
- **FOCUS:** Prescribed Fire; Lake Sweep; Boater Safety Course

MAJOR ACTIVITIES for February

Watershed Accomplishments & Notables

- The CAW Fire Team burned the Lake Winona dam and parks (64ac) and prepped a number of additional fire lines at Lake Maumelle units
- Removed more than 200 tires from historic dumps on CAW property in a single day
- The GIS department assisted with capturing historical survey boundary data for field collection of survey monuments and accurate boundary marking
- Legal description was completed for the WMA addition
- Completed home inspection for potential rental property
- Ben worked with GIS to bring CityWorks to the Watershed Program
- Raven & Linda conducted a watershed facilities tour and planning day

CAW-Internal Partnerships/Projects

- Ben and Bryan finalized and submitted the Environmental Information Document for the West Pulaski Expansion Project
- Raven, Ben, & Bryan assisted with the 2050 Strategic Planning workshop
- Ben assisted with the Safety Glasses review committee
- Raven assisted with the Arkansas Prescribed Fire School's Curriculum Review Committee

External Partnerships/Projects

- Bryan assisted ANHC in a partnership burn on the Middle Fork of the Saline River
- Ben & Bryan attended partner meetings on the Upper Saline watershed
- Ben assisted with a site visit for the AR Forest & Drinking Water Collaborative's upcoming CommuniTree project

Industry & Community Contributions

- Ben & Raven attended and assisted with programming and tours for the Arkansas Stream Heritage Partnership Annual Meeting
- Raven attended meetings for the: AR Water YP Network; AWW&WEA Board Meeting; AWWA Source Water Protection Committee (Chair)
- Raven assisted with the AWWA M50 manual revision

March 6, 2023 – CAW Record Burn Day

1 Day; 4 Burns; 2 Lakes; 8 CAW employees; 2 Partner Agencies; 2 Contractors; **750 acres***



*Previous 10-year annual average (2011-2021)
was **360 acres per year**