

**The Consolidated Report of Activities
for the quarter ended June 30, 2024**

For

The Interim Stipulated Order as Entered on November 29, 2022

By United States District Judge Henry T. Wingate

In Case Number 3:22-cv-00686-HTW-LGI

The United States v The City of Jackson, Mississippi

And

EPA Grant Numbers 84054501, 84060101 SDWA Section 1442 (b)

July 30, 2024

Prepared by Edward “Ted” Henifin, P.E.

The Interim Third-Party Manager

Of the City of Jackson’s Drinking Water System

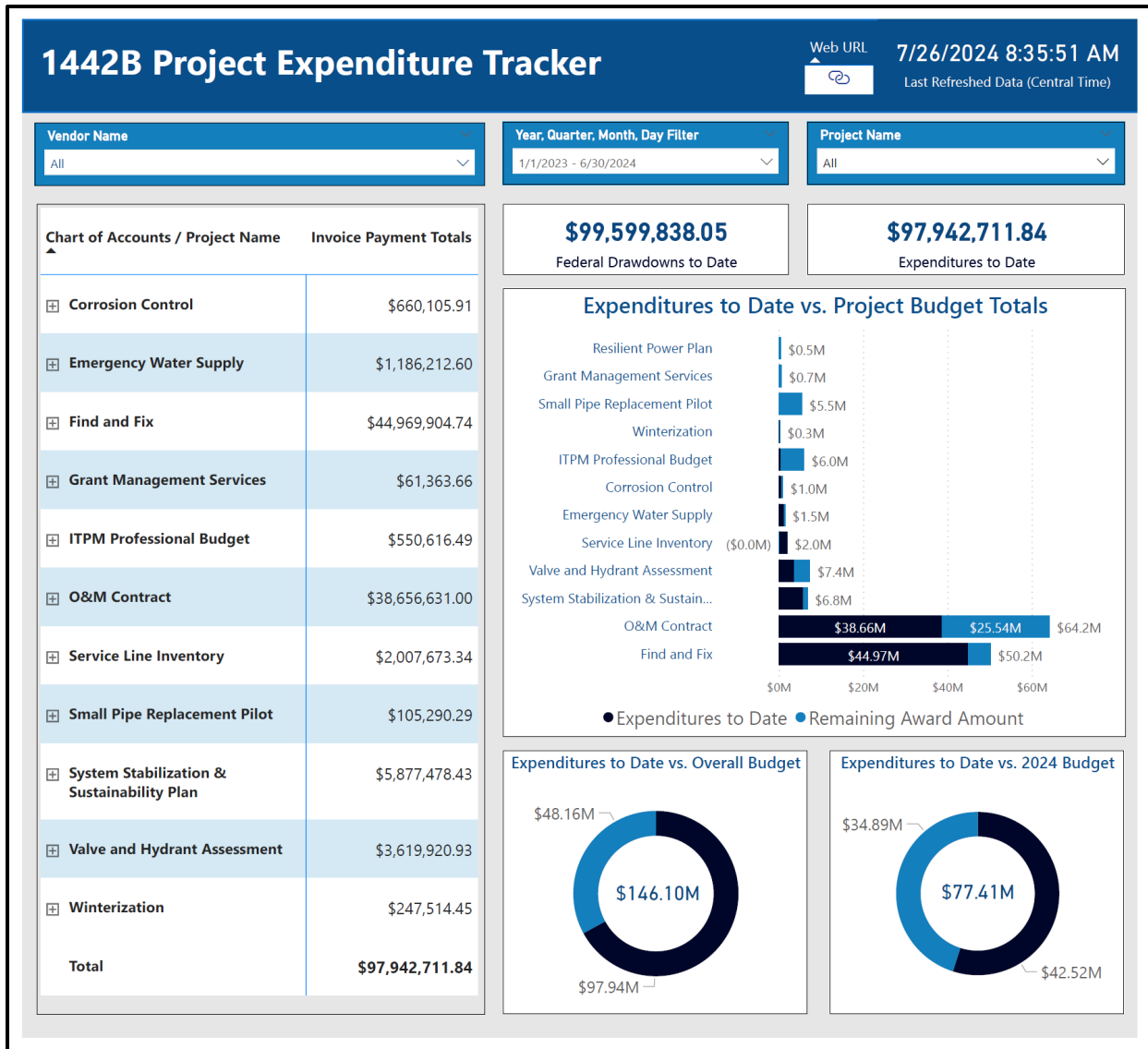
Executive Summary

Priority Project Status

Project No.	Description	Current Comp	Comments
1	O&M Contract Phase 1	2/2023	In place - COMPLETE
1	O&M Contract Phase 2	7/2024	Negotiations continue
2	Winterization	12/2023	COMPLETE
3	Corrosion Control JHF	12/2023	COMPLETE
3	Corrosion Control OBC	12/2024	Awaiting equipment and MSDH approval
4	Emergency Water Supply	9/2027	COMPLETE - Available throughout ISO term
5	System Planning and Stabilization a. Distribution System b. System Stabilization and Sustainability Plan	12/2025	Kicked off Master Plan TO. Aligning work with MEMA BRIC grant to allow access to that funding for this PPL.
6	System Stabilization and Sustainability Plan		Combined with PPL 5
7	SCADA	12/2026	Design started 9/2023. 30% design completed and working toward 90% due in Q3 2024
8	Chemical Systems	12/2024	Design at 100% waiting SRF loan approval to bid project.
9	Chlorine System at OBC – temporary improvements	2/2023	COMPLETE
9	Chlorine System at OBC – Replacement	12/2024	Included in design for PP 8
10	Intake Structure Repairs	12/2025	SRF project initiated
11	Treatment Facilities	TBD	Assessment report draft complete 9/2023. Cost loaded schedule to be developed with PPL 5.
12	Sludge Assessment and Removal	TBD	Plants cannot be shut down long enough for assessment at this time.
13	Resilient Power Plan	12/2025	Assessment complete and technical memo reviewed and approved. Design initiated to be accomplished with SRF project. Long lead time on generators may extend completion date.

This table reflects modifications approved by EPA via email on January 17, 2024, and March 7, 2024.

Financial Dashboards



ITPM EPA 84054501 Professional Budget Tracker

Web URL

7/26/2024 8:35:51 AM

Last Refreshed Data (Central Time)

Vendor / Employee

All

Year, Quarter, Month, Day Filter

12/01/2022 - 4/30/2024

Budget Category

All

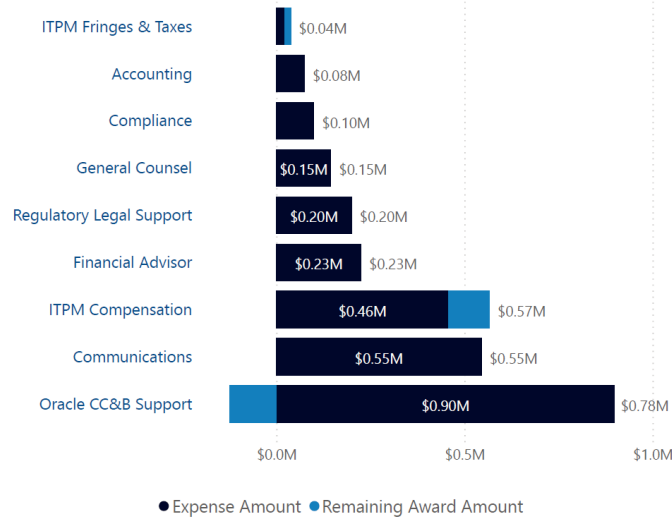
Grant Period: 12/01/2022 - 04/30/2024

\$2,670,000.00

Federal Drawdowns to Date

Budget Category	Expense Amount
ITPM Contractor & Consultant Services	\$2,189,257.94
Oracle CC&B Support	\$899,257.94
BOSS	\$899,257.94
Communications	\$545,000.00
Fahrenheit Creative Group LLC	\$271,607.56
1 Vision	\$112,515.02
WLBT.com	\$103,113.06
Falcon Consulting and Management	\$24,800.00
HDR Engineering	\$19,906.54
Studio54Multimedia	\$6,750.00
ASAP Printing	\$4,932.82
kso design	\$1,375.00
Financial Advisor	\$225,000.00
PFM Financial Advisors, LLC	\$225,000.00
Regulatory Legal Support	\$200,000.00
FORMAN WATKINS & KRUTZ, LLP	\$175,639.24
Chambers & Gaylor	\$24,360.76
General Counsel	\$145,000.00
AQUALAW PLC	\$145,000.00
Compliance	\$100,000.00
Home	\$100,000.00
Accounting	\$75,000.00
Matthews Cutrer & Lindsay, PA	\$75,000.00
Personnel	\$480,742.06
ITPM Compensation	\$457,815.33
ITPM Fringes & Taxes	\$22,926.73
Employer Taxes	\$22,926.73
Total	\$2,670,000.00

Expenses to Date vs. ITPM Budget Totals



Expenses to Date vs. Remaining ITPM Budget



\$2,670,000.00

Expense Amount

\$2,670,000.00

ITPM Budget Total

Audited Financial Statement

JXN Water struggled to find an accounting firm to audit the 2023 JXN Water financial statements. After being turned down by 3 firms, Christopher Hearn, with Banks Finley White was engaged on March 5, 2024. The audited statements were projected to be complete by the end of Q2. Due to complications verifying opening balances completion of the statements is running slightly behind schedule and will be complete in early Q3 and will be submitted to the parties as soon as they are available.

Minority Participation

DBE/SWAM Spend to Date	\$	21,975,727.15
	\$	-
Total JXN Water Spend to date	\$	216,109,808.70
Jacobs Contract	\$	38,561,734.85
Total JXN Water Spend w/o Jacobs	\$	177,548,073.85

Precautionary Boil Water Notices

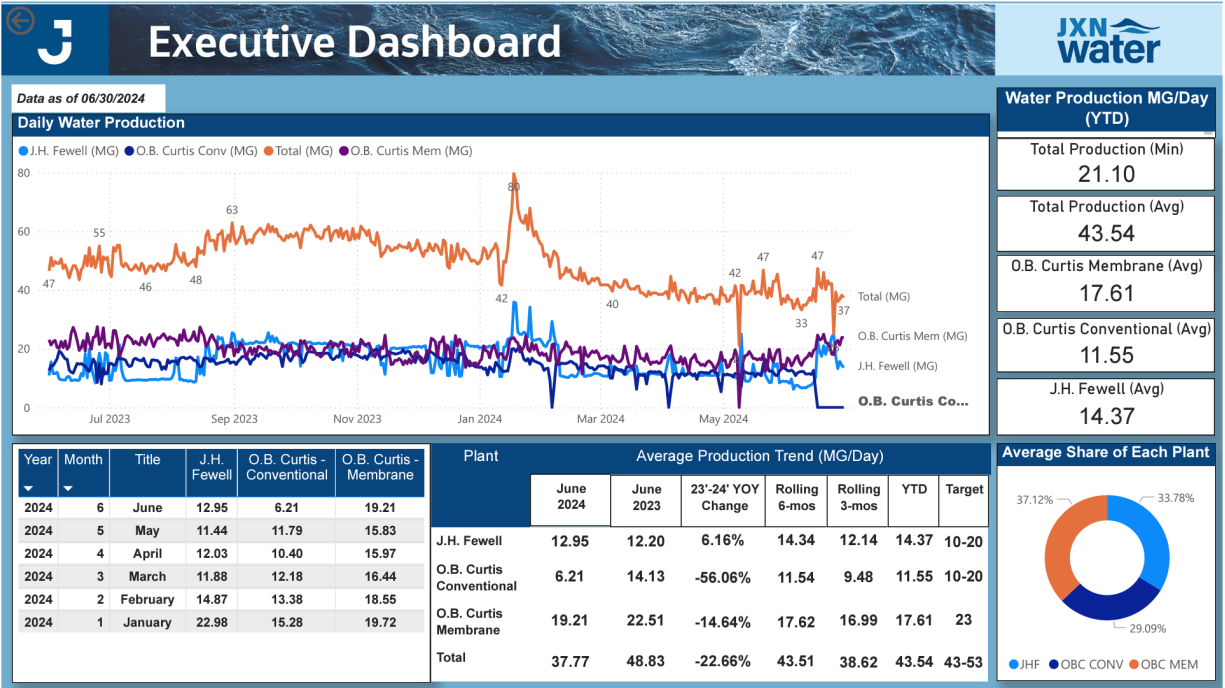
There was one city-wide precautionary boil-water notice issued during the reporting period. A power outage during a significant storm event took power out at OB Curtis for about 8 hours. As a result, pressure in the system did drop and out of an abundance of caution JXN Water issued a city-wide (surface water system only) precautionary boil water notice. Samples were collected that morning and the BWN was lifted the following day upon receipt of clear lab results. The power at OB Curtis was restored within an hour of Entergy responding. Unfortunately, with the extent of power outages in the area, Entergy's response to OB Curtis was delayed more than normal. Had the response been faster, within 4 hours, the system pressure would not have dropped to a level requiring this precautionary BWN. PPL 13, Resilient Power Plan will minimize the chance of a power failure creating this kind of issue once implemented in 2027.

The continued accelerated efforts to find and fix leaks in the system along with regular pipe breaks continues to require issuing many precautionary BWN each month. In January there was a deep freeze event that caused more breaks than usual, requiring more BWNs. There were 184 issued during the quarter with an average of 101 connections impacted for 4 days each.

Water Production (Total OBC and FHF)

The dashboard below tracks water production (net pumped into distribution system) for the thirteen months from June 2023 through June 2024. A top priority for JXN Water has been to eliminate leaks throughout the system to reduce demand on the plants. The daily demand on the plants continues to trend down due to the many repairs accomplished in the system. June 2024 saw a total average daily demand of 37.77 MGD. Compared with June 2023's demand of 48.83 MGD, a year over year reduction of more than 22 percent. The rolling 3-month average was 38.62 as of the end of the quarter. This trend is very encouraging and will continue to be monitored and reported in future quarterly reports.

Based on metered flow, total demand on the JXN Water system is approximately 18 MGD. Once daily demand drops below 35 MGD, total water supply needs could be met with only the OB Curtis plant in operation. Evaluation of the impact of eliminating JHF continues.



Financial Challenges

USEPA and the Mississippi State Department of Health concluded there is no path forward that will permit using any of the appropriation from the Consolidated Appropriation Act, 2023, for paying down any of the private bond debt burdening the water and sewer system without a significant change in the appropriation language. As a result, JXN Water has refocused efforts on obtaining financing from private sources to provide access to working capital and restructure debt service to provide relief as collection efforts have a chance to ramp up. Several options are being pursued as of the end of Q2.

A. Purpose

The Interim Stipulated Order, Section 16.a. requires quarterly reporting to include the following components:

- i. A description of the projects and activities conducted during the reporting period to comply with the requirements of this Stipulated Order.
- ii. A summary of any delays encountered or anticipated that may affect the ITPM's performance or implementation of this Stipulated Order, including the Priority Project List, and any actions taken to address such delays.
- iii. Any modification to the Priority Project List or Implementation Schedule consistent with Paragraphs 15 (Priority Project List) and 18 (EPA Review).
- iv. An accounting of the expenditures from, additions to, and remaining balance of the ITPM Professional Budget.
- v. A projection of work to be performed pursuant to this Stipulated Order during the next or succeeding Quarter; and
- vi. In each Status Report filed in the month of January, except in the Status Report due January 31, 2023, an audited financial statement of the ITPM Professional Account, O&M Account, and Capital Improvements Account for the City's previous fiscal year. Any information revealing bank account numbers or constituting personally identifiable information shall be redacted.

The EPA Grant that funded the Interim Third-Party Manager also has quarterly reporting requirements that include the following:

- A comparison of actual accomplishments to the outputs/outcomes (these are deliverables, reports, milestones) established in the assistance agreement work plan for the period.
- The reasons why established outputs/outcomes were not met; and
- Additional pertinent information, including, when appropriate, analysis and explanation of cost overruns or high-unit costs.

As these reports have similar requirements, this consolidated report is intended to meet the purposes and requirements of both the ISO and the EPA Safe Drinking Water Act (SDWA) Section 1442 (b) grant.

B. Introduction

On December 20, 2022, the US EPA awarded grant number 84054501 under the authority of the Safe Drinking Water Act, Section 1442 (b). The stated purpose of the grant is as follows:

This agreement will provide support to the City of Jackson, MS, which is currently experiencing a drinking water emergency. The City entered into an Interim Stipulated Order with the Environmental Protection Agency and Department of Justice approved in Federal District Court on November 29, 2022, and this funding will be used to fulfill commitments established in the Order. The activities include establishing an Interim Third-Party Manager who will then hire support staff, enter into and maintain contracts to accomplish tasks required in the Order and

deemed necessary to address violations of the Safe Drinking Water Act. Anticipated deliverables include hiring staff, entering into and maintaining contracts allowing for proper operations and maintenance of the system. Expected outcomes include supporting the System in complying with the Safe Drinking Water Act, fulfilling commitments established through the Order, and ensuring residents of Jackson have clean and safe drinking water. Intended beneficiaries include approximately 160,000 persons served by the City of Jackson Public Water System. No subawards are included in this assistance agreement. City of Jackson Public Water System Emergency Drinking Water Grant.

This report is required by the grant agreement and covers eligible activities that began January 1, 2024, through March 31, 2024. These reports are aligned with the reporting requirements of the Interim Stipulated Order that appointed the Interim Third-Party Manager funded by and managing this grant. This report is submitted for the Court’s review and approval.

C. PROJECTS AND ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The ISO includes thirteen priority projects for the ITPM to accomplish under the terms of the ISO. The activities conducted related to the priority projects (PP) are included in Section M of this report. Beyond the priority project work, many activities have been conducted to comply with the requirements of the ISO during this reporting period. These include:

Billing and Collections: JXN Water continues to work to resolve billing issues that have hampered collection of water-related revenues.

Revenues continue to grow through the significant efforts of our billing staff. Severance (the process to disconnect customers for non-payment) started in March 2024 with a focus on large commercial accounts with high outstanding balances. These include several multi-family properties which pose additional complications for collections. JXN Water continues to make progress in getting these customers caught up and current on their water bills. JXN Water has also begun to disconnect properties receiving water without accounts. These customers will need to establish accounts before service is restored.

Cash flow challenges will continue until all water users are paying their bills on time each month. The quarterly averages continue to trend upward, both in the total billed and total collected.

Quarterly Averages			
Quarter	Billed		Collected
4th 2023	\$	6,850,739.60	\$ 4,449,288.22
1st 2024	\$	7,494,593.07	\$ 4,573,254.93
2nd 2024	\$	8,953,367.38	\$ 5,704,292.74

The table below shows the collection rate since JXN Water assumed responsibility for all revenues in October 2023.

Collection Rate (Water Revenues)			
	Billed	Collected	Collection Rate
SEP	\$ 7,369,545.06	\$ 3,678,118.32	
OCT	\$ 7,416,070.14	\$ 5,397,119.32	73%
NOV	\$ 6,881,664.35	\$ 4,293,697.17	58%
DEC	\$ 6,254,484.30	\$ 3,657,048.17	53%
JAN 24	\$ 7,781,363.02	\$ 4,347,874.36	70%
FEB	\$ 6,983,807.33	\$ 4,636,827.62	60%
MAR**	\$ 7,718,608.86	\$ 4,735,062.80	68%
APR	\$ 9,007,478.86	\$ 5,950,062.06	77%
MAY	\$ 8,494,803.31	\$ 5,992,427.04	67%
JUN	\$ 9,357,819.97	\$ 5,170,389.13	61%
Collection Rate calculated as amount collected/previous month billed.			

Obtaining Funding: The ITPM worked with EPA to apply for the portion of the funding provided by the US Congress in the CAA, 2023 flowing through the authority of the SDWA, Section 1442 (b). The first phase grant was awarded on May 11, 2023, in the amount of \$115.1 million (of the appropriated \$150 million) as listed below.

Projects Approved in First Phase Application for SDWA 1442 (b) Grant 84060101-0

Priority Project No.	Description	Total (Millions)		2023	2024	2025
5.a.ii	Valve and Hydrant Assessment	\$ 7.4		\$ 4.9	\$ 2.5	
5.a.vii	Service Line Inventory	\$ 0.1		\$ 0.1		
5.a.iv	Distribution System Leaks – Find and Fix	\$ 22.5		\$ 10.0	\$ 7.5	\$ 5.0
1	Phase 2 O&M Contract - Open Book Actual Cost	\$ 12.0		\$ 12.0		
1	Phase 3 O&M Contract - Long Term Fixed Price	\$ 63.0		\$ 13.0	\$ 25.0	\$ 25.0
6	System Stabilization and Sustainability Plan	\$ 2.0		\$ 2.0		
	ITPM Professional Budget	\$ 8.5		\$ 0.9	\$ 3.8	\$ 3.8
Grant 84060101-0		\$115.5		\$42.9	\$38.8	\$33.8

SRF Funding: The balance of the funding from the CAA 2023 will be provided through the existing State Revolving Loan Fund (SRF). The ITPM developed a work plan for these funds for inclusion in the state’s intended use plan. The Mississippi Local Governments and Rural Water Systems Improvements Board approved the Intended Use Plan (IUP) for the DISASTER RELIEF SUPPLEMENTAL APPROPRIATION (a portion of the \$450 million appropriation) on June 30, 2023.

With more information about the system, the IUP was amended in Q1 2024. The public hearing for the amended plan was held with no comments submitted. The OB Curtis Chemical Feed and Chlorine Conversion project was added. The first loan application is pending approval, and the second package will be submitted in early Q3.

In March 2024, the ITPM was told SRF funding could not be used to retire any of the private debt as there was inadequate proof that the projects accomplished with those bond proceeds were accomplished in accordance with all SRF rules and regulations. Additionally, the state informed the ITPM that the refunding of debt associated with the purchase of SRF eligible infrastructure (water meters) would not be eligible either.

With the SRF option off the table for debt retirement, the ITPM has intensified the effort to borrow additional capital with potentially a complete refinancing of the existing bond debt to restructure the debt and provide relief through 2026 as local revenue collection work continues to increase overall revenues.

SRF DISASTER RELIEF SUPPLEMENTARY APPROPRIATION

VIII. PRIORITY LIST		Supplemental Appropriation Priority List			
Project	Project Description	Priority Points	Service Area Population	Loan Amount Requested	Statewide Cum. \$
Category III: Primary Drinking Water Standards Projects					
City of Jackson	Intake Structure Repair	27746	155,000	\$5,000,000	\$5,000,000
Category IX: Existing Facilities Upgrade (Meeting Primary Standards)					
City of Jackson	Distribution System Analysis	13873	155,000	\$6,000,000	\$11,000,000
City of Jackson	Distribution System Optimization	12332	155,000	\$32,500,000	\$43,500,000
City of Jackson	Small Diameter Pipe Replacement	5549	155,000	\$50,000,000	\$93,500,000
Category XIII: Other					
City of Jackson	Debt Retirement - SRF Loans*	215	155,000	\$24,653,146	\$118,153,146
City of Jackson	Debt Retirement – Meter Project		155,000	TBD	
City of Jackson	Debt Retirement - Private		155,000	TBD	

*This includes the current remaining principal balance (\$14,881,923) of refinanced loan 2, which consolidated debt with loan 1, and the balance drawn (\$9,771,223) from loan 3. An undrawn balance of \$18,182,077 currently remains on loan 3’s active project.

Note: All projects appearing on the IUP are associated with this public drinking water system. Projects listed above are based in good faith from representation provided by the borrower. The program is a reimbursement program. Request for reimbursement will be reviewed to ensure conformity with eligibility requirements and compliance with applicable state and federal laws and regulations before funds are reimbursed.

The ITPM responded to a solicitation by the Mississippi Local Governments and Rural Water Systems Improvements Board for two new programs funded as part of the Bi-partisan Infrastructure Law (BIL) on June 19, 2023, requesting funding for Lead Service Line Replacements (LSLR) and for addressing Emerging Contaminants. Both were included in the approved IUPs, but at a fraction of the total project cost. The LSLR project is estimated at \$88 million (18,000 * \$4,888/EA) across a 10-year construction period. Based on preliminary inventory data, Jackson has approximately 18,000 galvanized service lines which there are no records to prove they have never been downstream of any lead piping. As a result, these all require replacement under the proposed LSRI.

The Emerging Contaminant project, scoped to add Granular Activated Carbon (GAC) filtration to the OB Curtis Water Treatment Plant, is estimated at \$119 million. Sampling and testing for PFAS in source and finished water revealed no issues with PFAS, all samples tested well below new PFAS MCL levels. The GAC project will be executed for future emerging contaminants and seasonal taste and odor issues. This project will not be initiated until existing treatment and distribution needs are addressed.

SRF FFY-2024 BIL EC PRIORITY LIST

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF Amount	Loan Amount Request	Statewide Cum. \$
Category IX: Existing Facilities Upgrade (Meeting Primary Standards)							
Jackson, City of	Study, Design & Construction, Emerging Contaminants	39216	11099	155000	\$5,000,000	\$5,000,000	\$5,000,000

SRF FFY-2024 BIL LSLR PRIORITY LIST

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF Amount	Loan Amount Request	Statewide Cum. \$
Category XIII: Other							
Jackson, City of	Replacement of Lead Service Lines	39216	110	150000	\$500,000	\$5,000,000	\$26,427,135
Mount Olive, Town of	Surveying and Inventorying Lead Service Lines	39119	102	982	\$450,000	\$1,000,000	\$27,427,135
Fayette, City of	Surveying & Inventory of Lead Service Lines	39069	0	0	\$56,250	\$125,000	\$27,552,135
Collins, City of	Surveying and Inventorying Lead Service Lines	39428	0	4000	\$175,000	\$500,000	\$28,052,135

Building Resilient Infrastructure and Communities (BRIC): The Mississippi Emergency Management Agency (MEMA) received a \$2 million BRIC grant to develop long-term strategies for water supply and treatment for Jackson. The ITPM is partnering with MEMA to incorporate the scope of the BRIC grant with the master planning work underway with PPL 5.

Disputed Debt: The ITPM inherited nearly \$56 million in billing arrearages. Many accounts had arrearages dating back years due to the many metering and billing challenges over the past decade in Jackson. Almost all account arrearages could be attributed, in whole or in part, to those challenges or to billing for inadequate or non-existent services. Hundreds of these bills had been disputed prior to the appointment of the ITPM, and the disputes remained unresolved. Lacking adequate information to defend prior billing or resolve disputed bills, the ITPM instituted a program to compromise debt that pre-dated the ITPM appointment for all disputed accounts. To accomplish this, the ITPM retained Promise Pay to gather attestations from customers that had aging arrearages (prior to December 1, 2022) and that had disputed these charges.

The program was shut down on August 31, 2023. The number of people accessing the program had dropped to less than one per week and the cost to keep the program open was significant resulting in JXN Water's decision to close that program. A total of 8,251 accounts attested their dispute through Promise Pay and \$19,513,774 in disputed charges were compromised (removed from individual accounts).

The disputed debt program demonstrated the overwhelming majority of the aging arrearages were the result of disputed bills. As a result, all arrearages prior to November 29, 2022, have been moved in the billing system to a separate Service Agreement (SA) and are no longer visible on customer bills. At some future point JXN Water may choose to pursue these arrearages but at the current time, staff is focused on getting all customers using water into the system and current on their bills. It is estimated JXN Water would spend more on collection efforts for the aged arrearages (prior to November 29, 2022) than would be recovered.

Low Income Household Water Assistance Program (LIHWAP): For debt that accrued post the appointment of the ITPM, the ITPM retained Promise Pay to identify qualified applicants and apply for the LIHWAP grant funding on behalf of JXN Water. The program expired on September 30, 2023, with no extension or replacement program currently moving in Congress. As of the end of the program, 413 accounts received Federal LIHWAP grant assistance through the state for a total amount of \$756,263.76.

Community Engagement: The ITPM participated in numerous meetings to discuss the ISO and the ITPM role in stabilizing and restoring the Jackson water system. The ITPM made presentations the following groups during the reporting period:

- 4/8/2024 MS/AL Joint Water Conference – Panel presentation
- 4/16/2024 Small Pipe Replacement Pilot Project groundbreaking
- 5/31/2024 WLBT Studio 3
- 6/1/2024 Woodland Hills neighborhood cocktail contest – guest judge
- 6/11/2024 AWWA Conference and Exhibition (ACE) – Panel presentation and award ceremony
- 6/17/2024 Interview with Mississippi Free Press
- 6/20/2024 JXN Water Academy – Presented 1st Module – evening cohort
- 6/21/2024 JXN Water Academy – Presented 1st Module – mid-day cohort

Minority Business Enterprise Engagement: JXN Water continues to focus on MBE for direct contracts. Eliminating bonding challenges and paying invoices within days has made JXN Water friendly to MBEs. The spend to date has been significant, over \$21 million, 10.2 percent of the total spend to date. The Jacobs Operations and Maintenance contract is by far the largest contract with JXN Water. There were no MBE firms available to meet that need. When that contract value (paid to date) is removed from the total spend, MBE spend accounts for 12.4 percent of the total JXN Water spend.

During the quarter from April to June 2024, the Small and Minority Business Initiative (SMBI) for JXN Water executed a diverse range of activities to support and engage minority and disadvantaged business enterprises (MBE/DBEs). A member of the SMBI team met with Jacobs and the Georgia Minority Supplier Development Council to gain valuable insights on current mentor-protégé best practices and minority contractor development initiatives. Additionally, a virtual meeting was convened with Wharton Smith Inc (WSI) to discuss upcoming bid packages for the OB Curtis Chemical Building. The scope of work for these packages included site work, demolition, door installation, and masonry. WSI was provided with a list of qualified MBE/DBE contractors that may be interested in submitting bids on some of this work.

The SMBI team actively engaged with JXN Water's communications and social impact staff, discussing ongoing activities and developing plans for safety training initiatives slated for later in the year. The team also participated in JXN Water's public quarterly meeting and attended a groundbreaking event for JXN Water's inaugural small pipe replacement project in South Jackson - Ward 6. Furthermore, the SMBI lead attended the Jacobs Engineering Engagement Day held at Jackson State University School of Engineering.

Ongoing efforts include continued collaboration with JXN Water to establish a more diverse and inclusive pool of Mississippi Small and Minority contractors and suppliers. This objective will be achieved by providing one-on-one technical assistance to interested businesses, covering crucial topics such as how to respond to RFIs, RFQs, and RFPs, estimating, bonding, safety protocols, and accessing much needed working capital. These comprehensive activities underscore JXN Water's commitment to building capacity and creating opportunities for small and minority businesses within all Jackson Water infrastructure improvement projects.

MBE SPEND

Firm	Total Spend Thru June 30, 2024	
Advanced Environmental Consulting	\$	18,871.43
Art Mekanics	\$	45,543.33
Bless Hands Cleaning	\$	49,725.00
BOSS Utility Solutions	\$	6,163,527.32
Chambers and Gaylor	\$	55,965.00
Fahrenheit Creative Group	\$	271,607.56
GCW Paving	\$	7,601,464.32
Hardaway Realty	\$	39,000.00
Hydroflow Solutions	\$	1,444,250.00
IMS	\$	687,671.54
Iron Horse Grill	\$	1,464.46
The Jones Group	\$	93,358.50
Kelly Factory	\$	1,800.00
Love Trucking	\$	719,430.00
Matlock Concrete Contractors	\$	174,750.00
Phoenix Security	\$	557,574.98
Promise Pay	\$	1,334,722.24
Q Solutions	\$	411,009.12
R&L Unlimited	\$	1,962,533.94
SD Systems	\$	86,000.00
SOL Engineering	\$	27,728.41
Southern Infrastructure Solutions	\$	198,480.00
Studio54Media	\$	29,250.00
DBE/SWAM Spend to Date	\$	21,975,727.15
	\$	-
Total JXN Water Spend to date	\$	216,109,808.70
Jacobs Contract	\$	38,561,734.85
Total JXN Water Spend w/o Jacobs	\$	177,548,073.85
MBE Percentage Total Spend		10.2%
MBE Percentage without Jacobs		12.4%

Call Center: ProTel has been in business supporting clients throughout Mississippi for more than 30 years. A contract for 24/7 call center operations was developed and the JXN Water customer service number (601-500-5200) went live on June 5, 2023.

The call center can address many billing questions (majority of calls), dispatches the metering contractor for meter issues, dispatches appropriate resources for leaks, low pressure, discolored water, etc. Call center key performance indicators for the quarter are shown below.

Call Center KPIs for Q2 2024

Total Calls	Average Talk Time	Average Wait Time
31,825	3:47 minutes	1:48 minutes

Mississippi Municipality & County Water Infrastructure Grant Program Act (MCWI): The ITPM worked with the MCWI staff to consolidate previously awarded grants into two grants; one for drinking water projects and one for sewer projects. This will provide the most flexibility for leveraging this funding.

There is one active project in the drinking water agreement, the OB Curtis Filter Improvements. This project was designed and bid prior to the effective date. The ITPM made award after the effective date to the low bidder, Hemphill Construction. The work includes full rehabilitation of conventional filter 5 to place that filter back into service after years of dis-repair. This will increase the capacity of the conventional side of OB Curtis by 16 percent. Construction has begun. The contract has been modified to include rehabilitation of the other 5 conventional filters at OBC. Other details can be found in the priority project status updates at the end of this report.

System Pressure Improvements: Work to address system pressure challenges continued throughout the reporting period. Wachs Water has been working with JXN Water staff to continue to find valves, make repairs, and change positions (typically from fully closed to fully open). This reporting period the following work was accomplished (cumulative numbers included for reference):

- Valves fully exercised: 769 (4118 Cumulative)
- Op nut repairs: 0 (48 cumulative)
- Uncovered: 119 (353 cumulative)
- Frozen repaired: 0 (11 cumulative)
- Position changed: 112 (551 cumulative)
- Hydrants: 317 (1338 cumulative)
- Leak Loggers Installed: 0 (23 cumulative)

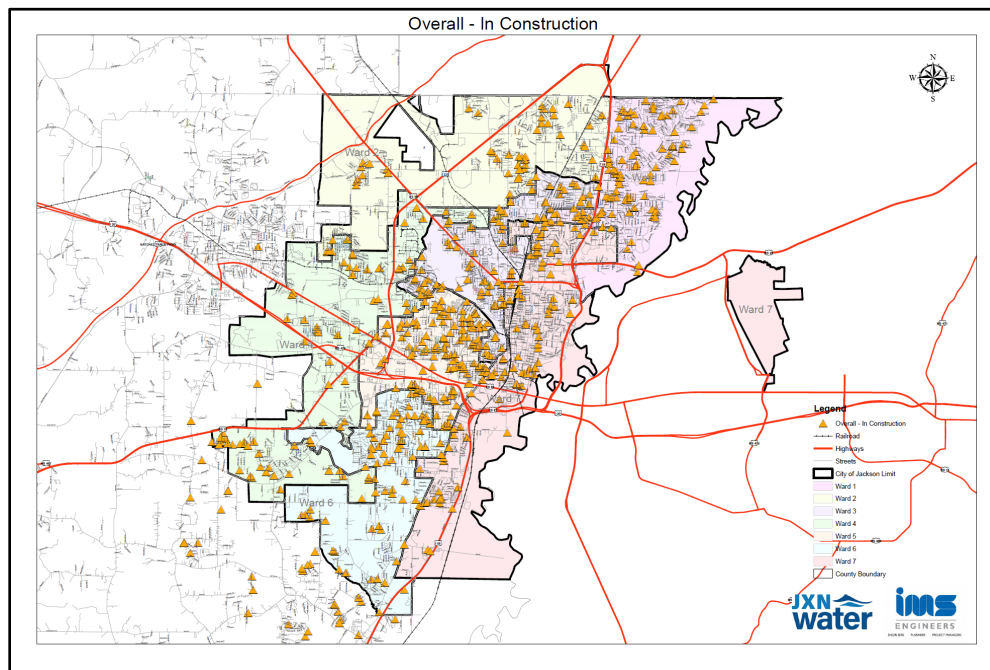
Pressure throughout the system has stabilized. The system is operating as designed with all tanks floating on the system allowing lower discharge pressures and volume from the plants.

Leak Find and Fix:

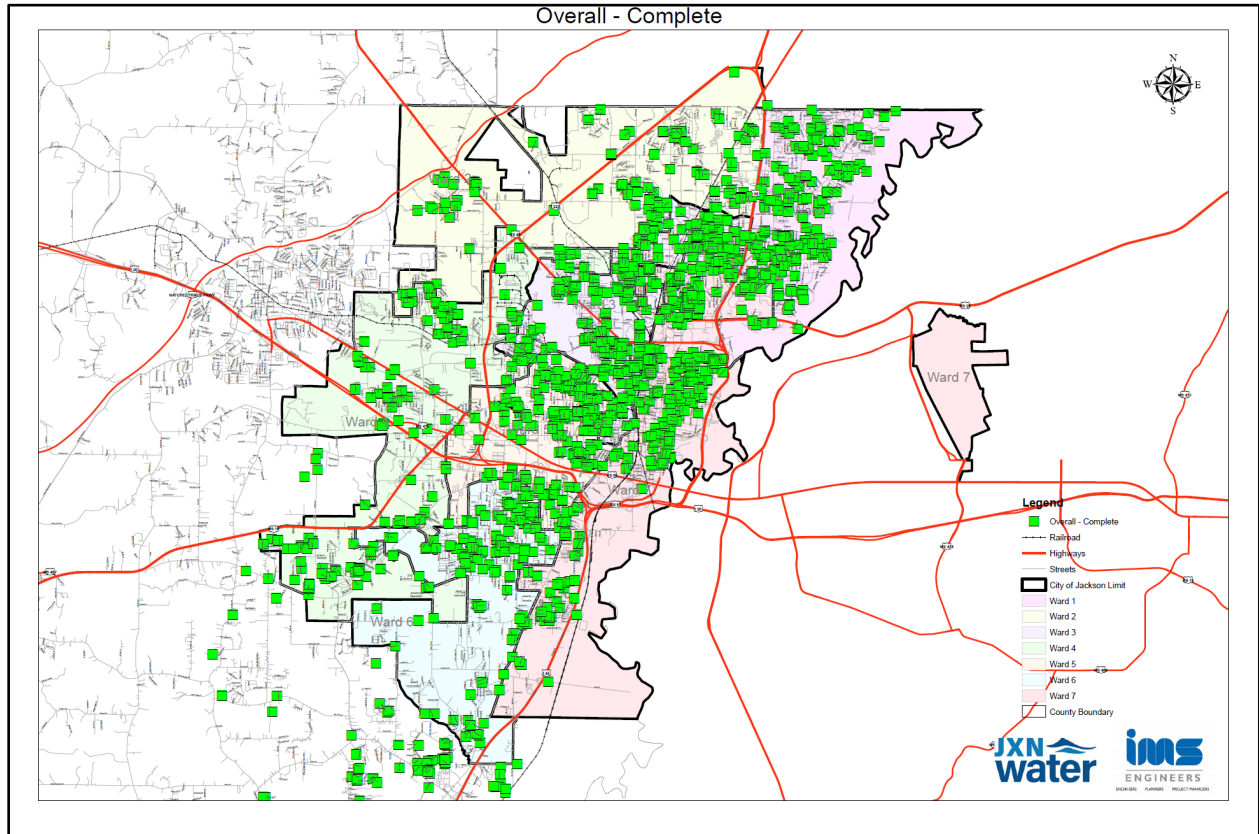
During the reporting period the Find and Fix program continued and made significant progress. Larger leaks are included in the Priority Project reporting at the end of this report. Small diameter leaks (6-Inch and less) are reported and mapped here. Using a combination of local contractors, JXN Water completed 1381 repairs (since inception) with an additional 571 under construction at the end of the quarter.

ITEM NO.	REPAIR TYPE	Apr 2024 In Construction	Apr 2024 Complete*	May 2024 In Construction	May 2024 Complete*	Jun 2024 In Construction	Jun 2024 Complete*
1	CUT REPAIR	250	467	193	665	214	673
2	HYDRANT- LEAK	23	31	30	32	30	32
3	METER-LEAK	216	56	216	56	216	56
4	TAP & METER INSTALL	1	36	1	17	1	17
5	VALVE LEAKING & REPAIRS	8	6	8	6	8	6
6	WATER-LEAK	53	592	102	597	102	597
	Total	551	1188	550	1373	571	1381

FIND AND FIX (6-INCH AND LESS) IN CONSTRUCTION 3/31/2024



FIND AND FIX (6-INCH AND LESS) IN COMPLETE 3/31/2024



Metering: The contract to install Automated Metering Infrastructure (AMI) continued in the quarter. More than 61,300 meters have been installed. JXN Water retained Horne to identify parcels without accounts. That effort revealed up to 9,000 additional parcels that may require new meters. A change order is under review with Sustainability Partners to add up to 9,000 meters to the original scope of work.

Meter Project Status

PROJECT AT-A-GLANCE				
Category	Item	Period Ending Date (6/5/24)	Period Ending Date (6/12/24)	Period Ending Date (6/26/24)
Installations	Total Period	212	210	133
	Total to Date	61009	61219	61352
Removed From Scope	This Period	178	0	3133
	Total to Date	12935	12935	16068
Assists Pending	This Period	858	222	221

The Savanna Collector is offline.
Production is low due to project cleanup

Advanced Metering Program Status Update UMS

Communications

Implementation of the Communications strategy continued in Q2 2024. The first ever JXN Water Academy commenced in Q2. The academy is an immersive experience design to give customers insights into the inner workings of progress. The first cohort consisted of 19 participants from 11 different neighborhoods across the city, showcasing a diverse cross section of customers and highlighting our commitment to engaging a broad spectrum of the community.

Participants covered five comprehensive modules, each designed to provide in-depth knowledge and information related to water management and utility operations. The first module, "Intro to JXN Water," offered an overview of the organization, its mission, and its role in the community. The second module, "Water Operations, Maintenance and Distribution," focused on the technical aspects of maintaining and distributing water throughout the city. The third module, "Water Quality," emphasized the standards and

procedures necessary to ensure safe and clean water. The fourth module, "Wastewater Management," explored the systems and strategies for effectively managing wastewater. The final module, "Billing and Customer Service," addressed the complexities of the billing process and the importance of customer relations.

The Water Academy has served as a vital platform for fostering a deeper understanding of water and wastewater services. Participants are now better equipped to engage with JXN Water and better understand the role of the utility, contributing to a more informed and resilient community dedicated to ensuring the city's water future.

JXN WATER COMMUNICATIONS STRATEGY SUMMARY

Communications Strategy Summary

JXN Water is changing for the better and is working hard to repair its water system by making system repairs, rebuilding trust and proactively engaging the public through strategic communications.



Goal #1 Improve the Reputation of JXN Water	Goal #2 Amplify the function of JXN Water operations	Goal #3 Launch a public education campaign
<p>Strategies</p> <ul style="list-style-type: none"> Show progress on system improvements and efforts to provide safe, clean reliable water and resolve sewer issues through easy-to-understand videos, photos and infographics Establish consistency between the Department of Health and City of JXN Water to improve community outreach Build a JXN Water newsroom on their website containing the latest news and related media channels with curated content from JXN Water. 	<p>Strategies</p> <ul style="list-style-type: none"> Convey the value of water through messaging focused on bill payment Increase visibility in the community by attending community events/programs Maintain a calendar for public appearances, speaker's bureau and regular plant tours with a request protocol for the ITPM, COO, billing executives and plant operators 	<p>Strategies</p> <ul style="list-style-type: none"> Establish a water academy to educate interested residents Grow awareness of JXN Water's Small and Minority Business Initiative that increases contractor capacity Share weekly community updates
<p>Tactics</p> <ul style="list-style-type: none"> Create communication materials and easy-to-understand monthly community update videos to distribute through the website, newsroom page or through other paid/owned media channels, including paid news articles about system repairs and other topics. Create media advisories and press releases about JXN Water's latest efforts on repairing water infrastructure and community updates. 	<p>Tactics</p> <ul style="list-style-type: none"> Create a scenario-based key messages document that also focuses on bill payment scenarios and the value of water Create a public events calendar that tracks opportunities for public appearances 	<p>Tactics</p> <ul style="list-style-type: none"> Establish scenario-based key messaging about JXN Water's Small and Minority Business initiative and include in communication materials such as video and press releases Create public education materials, including a paid media article, geared toward water education and helping residents understand their water system. Create a newsletter to share weekly community updates through MailChimp to distribute through email
<p>Outcomes</p> <ul style="list-style-type: none"> See an increase in Jackson residents who trust JXN Water and overcome deeply held suspicions of corruption, incompetence with regular communication and receipts of implementation, measured by Thrive Center trust survey Improve engagement by 100 percent within the first six months after improvements are made Paid media amplifies the visibility of JXN Water milestones with 1 million monthly impressions Stakeholders engage with relevant, updated content with increased users, views and comments 	<p>Outcomes</p> <ul style="list-style-type: none"> Bill payments increase General public sees JXN Water as part of the community and connects with the value of water, joy and fun JXN Water representatives receive professional support to address community requests 	<p>Outcomes</p> <ul style="list-style-type: none"> JXN residents are knowledgeable stewards of the local water system. Contractors find it easy to do business with JXN Water The community has a sustainable number of local contractors who can maintain the system long term

Paid Media Campaign

JXN Water's paid media campaign with WLBT, the number one ranked news station in the Jackson market includes sponsored articles placed prominently on the WLBT home page, short community video ads, display ads on WLBT social media and website, as well as sponsorship of a new afternoon lifestyle

show – Studio 3. Specific reach focused on the Hispanic community through placement on Spanish media remains an ongoing effort.

D. Precautionary Boil Water Notices

There was one city-wide precautionary boil-water notice issued during the reporting period. A power outage during a significant storm event took power out at OB Curtis for about 8 hours. As a result, pressure in the system did drop and out of an abundance of caution JXN Water issued a city-wide (surface water system only) precautionary boil water notice. Samples were collected that morning and the BWN was lifted the following day upon receipt of clear lab results. The power at OB Curtis was restored within an hour of Entergy responding. Unfortunately, with the extent of power outages in the area, Entergy’s response to OB Curtis was delayed more than normal. Had the response been faster, within 4 hours, the system pressure would not have dropped to a level requiring this precautionary BWN. PPL 13, Resilient Power Plan will minimize the chance of a power failure creating this kind of issue once implemented in 2027.

The continued accelerated efforts to find and fix leaks in the system along with regular pipe breaks continues to require issuing many precautionary BWN each month. In January there was a deep freeze event that caused more breaks than usual, requiring more BWNs. There were 184 issued during the quarter with an average of 101 connections impacted for 4 days each. A listing of the BWNs issued during the reporting period is in the table below.

Precautionary Boil Water Notices

Boil Water Notice Date	Boil Water Notice Lift Date	Duration (Days)	Surface	Well	Area Impacted	Connections
4/1/2024	4/3/2024	2	X		714-1029 Euclid Ave 1718-1720 Hazel St 1111-1728 Edgewood St 729-1017 Fairview St 1600-1813 Pine St 721-838 Oakwood St 715-1013 Arlington St	121

4/1/2024	4/3/2024	2		X	608-631 Kingwood Cir 409-422 Anvil Cir 908-913 Brookford Ct 706-711 Barwood Ct 510-516 Benchmark Ct 305-310 Brookforest Ct 103-115 Bendwood Ct 208-269 Idlebrook Dr 101-114Fieldtree Ct 105-116 Jamestown Ct 5102-5132 Brookview Dr 210-241 Brookridge Dr 208-217 Northbrook Cir 206-214 Glen Ct 5100-5284 Brookhollow Dr 105-115 Windward Ct	147
4/1/2024	4/3/2024	2	X		111-230 Galvez St 117-145 Sumner St 123-180 Rd of Remembrance	42
4/1/2024	4/3/2024	2	X		4815-4898 Churchill Dr 508-641 Launcelot Rd 507-661 Woodbury Rd 604-668 Broadmoor Dr 502-701 Cedarhurst Dr	147
4/2/2024	4/4/2024	2	X		519-654 Chelsea Dr 605-669 Upper Darby Rd 523-583 Briarcliff Cir 3618-3630 Rainey Rd 3618-3652 Marlendo Dr	83
4/2/2024	4/4/2024	2	X		4205-4245 Brookdale St 919-1128 Meadowbrook Rd 1070-1226 Buckley Dr	43
4/2/2024	4/4/2024	2	X		303-438 E Mayes St 4006-4099 Pine Hill Dr 3803-3909 Northview Dr 4005-4099 N State St 342-360 Iroquois Ave	117

4/2/2024	4/4/2024	2	X		4102-4150 Cedar St 4101-4151 Oaklawn Dr 4108-4195 Plaza St 220-290 Iris Ave 225-305 Essex Ave	73
4/3/2024	4/5/2024	2	X		4612-4728 Clinton Blvd 112-244 Manchester Ave 111-243 Country Club Dr 113-159 Springfield Cir 114-165 Strafford St 114-135 Wentworth St 205-265 Colebrook Ave	83
4/3/2024	4/5/2024	2	X		145-524 Lorenz Blvd 2720-2951 Downing St 2816-2904 Windsor Ave 502-526 Fondren Pl 2567-2913 N West St 2817-2905 Oxford Ave 121-565 Taylor St 203-532 Mitchell Ave 207-244 Gunter St 204-232 Stonewall St	140
4/3/2024	4/5/2024	2	X		103-250 Pimlico Place 110-150 Chiswick Circle 5009-5067 Ashley Drive 626-728 Newland Street	75
4/3/2024	4/5/2024	2	X		732-1018 Arlington Street 1718-1720 Hazel Street	50
4/4/2024	4/8/2024	4	X		3817-3955 Greentree Pl 4007-4091 Boxwood Cir 2406-2574 Lake Cir 3907-3995 Stuart Pl 2420-2436 Hideaway Pl 3815-3999 Dogwood Dr 2306-3970 Eastover Dr	118
4/4/2024	4/8/2024	4	X		3917-4189 Del Rosa Dr 113-170 Del Rio St 107-157 Pasa Robles Ave 110-212 W Northside Dr 3919-4044 Oaklawn Dr	76

4/5/2024	4/10/2024	5	X		524-732 Seneca Ave 513-721 Pennsylvania Ave 521-591 Woodland Hills Pl 3404-3529 Galloway Ave 510-622 Broadway Ave 3405-3409 Old Canton Rd 3411-3777 Kings Hwy 501-642 Patton Ave	117
4/5/2024	4/12/2024	7		X	1001-1098 Westbury Sq 806-879 Gore Rd 1106-1172 Rockett Dr 103-193 Parks Rd	98
4/5/2024	4/10/2024	5	X		320-435 Naples Rd 4611-4663 Kings Hwy 4322-4435 Childress Dr 329-451 N Mart Plaza 218-332 Melbourne Rd 4519-4551 Manila Dr 320-554 Meadowbrook Rd	127
4/5/2024	4/9/2024	4	X		2012-2320 Woodlawn St 324-536 Derrick St 408-525 Huron St	82
4/5/2024	4/12/2024	7		X	2972-3155 McFarland Rd 1104-1505 Lake Mimosa Dr 4875-5889 Springridge Rd 100-109 Country Haven Pl	30
4/5/2024	4/10/2024	5	X		900-1721 Wood St	56
4/6/2024	4/12/2024	6		X	5000- 6400 Springride Road 105-195 Oak Ridge Drive 101-116 Oak Wood Drive 1330-1402 Linda Lane 100-132 Spring Valley Drive 101-170 Windy Hill Cove 1505-1520 Carl McAlister Drive	150
4/6/2024	4/9/2024	3	X		115-1139 Owsley Street 117-229 Sollitt Street 125-159 Sewanee Drive 208-505 Galvez Street 105-113 Redwood Ave	168

4/9/2024	4/12/2024	3	X		1602-1741 Winchester St 1604-1736 Wilhurst St 1801-1860 Highland Terrace 1603-1735 Sheffield Dr	107
4/11/2024	4/15/2024	4	X		3223-3387 Terry Rd 100-448 Cooper Rd 2-495 Woody Dr 110-319 W Leavell Woods Dr 215-435 Leavell Woods St 3205-3340 Whitten Rd 3210-3346 Meadow Ln 3203-3346 Rickay Dr 332-379 Dellwood Dr	121
4/11/2024	4/15/2024	4	X		714-1029 Euclid Ave 1718-1720 Hazel St 1111-1728 Edgewood St 729-1017 Fairview St 721-838 Oakwood St 715-1013 Arlington St 1600-1813 Pine St	120
4/12/2024	4/16/2024	4	X		571-723 Reddoch Dr 410-477 Pimlico Pl 626-728 Newland St 5220-5357 Ridgewood Rd 5304-5423 Jamaica Dr 5221-5273 Wayneland Dr	104
4/14/2024	4/16/2024	2		X	101-115 Country Hills Drive 9729-9768 Springridge Road	20
4/16/2024	4/18/2024	2	X		101-361 Lake of Pines Drive 116-121 Forest Ave 104-141 Pine Bay Drive 101-235 Pine Island Drive 4902-5159 Watkins Drive 106-154 Green Harbor Drive 103-160 Needle Cove 5108-5153 Sun Valley Road 112-128Richview Place 109-125 N. Briar Place 105-132 Valley N Blvd	174

4/16/2024	4/18/2024	2	x		4605-4802 Norway Drive 632-755 Nakoma Drive 4601-4808 Kirkley Drive 4600-4698 Nisqually Road 703-781 Neering Trail 107-115 Nimrod Circle 4602-4698 Nordell Drive 4500-4795 Village Drive 115-130 Village Ct.	334
4/17/2024	4/19/2024	2	X		1303-1431 Collier Ave 3522-3658 Douglas Ave 1306-1431 Cadillac Dr 1306-1445 Geeston St 3505-3602 Errata St 3502-3660 Livingston Rd 3502-3657 Fontaine Ave 3505-3662 Edwards Ave 1016-1434 Eminence Row 3512-3533 Thalia St 1110-1215 Rockdale Dr	206
4/18/2024	4/22/2024	4	X		5604-5693 Heard St 5604-5656 Plemon St 5604-5706 Hearn St 5604-5694 Highland Dr 5605-5670 Angle St 406-458 Lake Dr	78
4/18/2024	4/22/2024	4	X		106-131 Hillcroft Pl 4-15 Heritage Ct 1006-1065 Northpointe Dr 1703-1781 Plantation Blvd 201-224 Stoney Brook Cv 11-53 Moss Forest Cir 1-10 Moss Forest Pl 6211-6254 Waterford Dr	132

4/19/2024	4/23/2024	4	X		3002-3354 Longwood Dr 903-951 Woodville Dr 909-945 Autumn St 107-138 Longwood Ct 909-976 Westway St 901-990 Branch St 3205-3242 Ramona St 904-959 Palm St 3305-3364 Oakview Dr 3302-3347 Cherrywood Dr 3012-3359 Ridgeland Dr	163
4/20/2024	4/23/2024	3	X		110-402 Sheppard Road	36
4/21/2024	4/23/2024	2	X		1103-1351 Fairmont Ave 1041-1449 University Blvd 815-1153 Florence Ave 1109-1241 Handy Ave 1023-1205 Winter Street 1205-2026 Dalton Street 1104-1226 Rosemont Ave 1110-1195 Prose Ave 1103-1222 W Silas Brown Street	140
4/22/2024	4/24/2024	2	X		4902-5129 Watkins Drive 5026 The Pine Apartments 1020-1116 Forest Ave 101-234 Pine Island Drive 101-361 Lake of Pines 103-160 Needle Cove Drive 104-135 Pine Bay Drive 106-154 Green Harbor Drive	152
4/22/2024	4/24/2024	2	X		3540-3742 Livingston Road 1303-1431 Collier Ave 3552-3658 Douglas Ave 1303-2155 Cadillac Drive 1306-1445 Geeston Street 3602 Errata Street 1215-1483 Rockdale Drive 1411-1451 School Park Street 1421-3771 Brinkley Drive 3710-3771 Terrell Ave	203
4/22/2024	4/24/2024	2	X		1302-1488 Roxbury Court	22

4/23/2024	4/25/2024	2	X		1102-1283 Woodfield Drive 1270-1291 Ferncrest Drive	119
4/23/2024	4/25/2024	2	X		3632-3844 Douglas Ave	31
4/23/2024	4/26/2024	3	X		5805-5994 Baxter Drive 5780-6026 Kristen Drive 1800-2017 Springridge Drive 5772-5776 Newbury Drive 5804-5848 N. Dale Street 1711-2009 Lake Trace Drive 5962-5988 Libby Lane 5811-5869 Kings Place 5809-6159 Lake Trace Circle 5807-5959 S. Pear Orchard Road 1506-1645 Plantation Blvd 6114-6126 Brenner Drive 1415-1501 Mossline Drive 1-25 Pear Orchard Park	422
4/23/2024	4/25/2024	2	X		1648-2958 Meadow Forest Drive 2904-2959 Marwood Drive	38
4/23/2024	4/25/2024	2	X		605-663 Meadowbrook Road 4233-4306 Robin Drive	21
4/24/2024	4/26/2024	2	X		4515-4675 Dixie Dr 4603-4678 Van Winkle Park Dr	52
4/24/2024	4/26/2024	2	X		150-515 Magnolia St 275-521 Roseneath Ave 1201-1234 1st Ave 1357-1361 2nd Ave 1300-1433 Grand Ave 1303-1435 4th Ave 303- 509 Broad St	83

4/24/2024	4/26/2024	2	X		5805-5994 Baxter Drive 5780-6026 Kristen Drive 1800-2017 Springridge Drive 5772-5776 Newbury Drive 5804-5848 N. Dale Street 1711-2009 Lake Trace Drive 5962-5988 Libby Lane 5811-5869 Kings Place 5809-6159 Lake Trace Circle 5807-5959 S. Pear Orchard Road 1506-1645 Plantation Blvd 6114-6126 Brenner Drive 1415-1501 Mossline Drive 1-25 Pear Orchard Park	422
4/25/2024	4/30/2024	5	X		1421-1704 N Jefferson St 744-1038 Belhaven St 715-1013 Arlington St 711-1025 Pinehurst St 1510 Edgewood St 1405 Hazel St	89
4/25/2024	4/30/2024	5	X		4803-4894 Sheridan Dr 4801-4891 Maplewood Dr 4815-4898 Churchill Dr 324-442 Cedarhurst Dr	69

4/25/2024	4/30/2024	5	X		106-131 Hillcroft Pl 4-5 Heritage Ct 1006-1065 Northpointe Dr 1703-1781 Plantation Blvd 11-53 Moss Forest Cir 1-10 Moss Forest Pl 6211-6254 Waterford Dr 201-224 Stoney Brook Cv 1-33 Village Green Cir 11-15 Village Green Ct 201-263 Park Ln Pl 101-496 Northpointe Pkwy 16-44 Park Crest Pl 11-139 Autumn Hill Dr 6-24 Autumn Hill Cv 7-32 Autumn Hill Pl 22-28 Autumn Hill Ct 1-11 Northpointe Cv	326
4/25/2024	4/30/2024	5	X		307-858 Buena Vista Ave 400-859 Eastview St 1716-1761 Grand Ave 1716-1817 Central St 1604-1730 Robinson Rd 821-855 Brookside Pl 1602-1722 1st Ave	155
4/26/2024	5/2/2024	6	X		1407-1540 Tracewood Dr.	38
4/26/2024	5/2/2024	6		X	100-1553 Torrence Cv 104-257 Gaddy Dr 263-408 Lake Dockery Rd 210-1407 Forbes Dr 200-225 Berlin Pl 308-316 Erie Cv 3101-3132 Tynes Dr 3202-3218 Ryan Cv	195
4/26/2024	5/2/2024	6		X	700-785 Parks Road Pl	16

4/26/2024	5/1/2024	5		X	4821-5067 Cottonwood Ln 111-138 Hickory Cv 614-665 Pine Ln 114-150 Pecan Cv 118-168 Chestnut Cv 96-231 Meadow Ln 110-147 Oakridge Dr 114-150 Pecan Cv	107
4/27/2024	5/1/2024	4		X	600-757 Spring Lake Circle 809-840 Spring Lake Drive	40
4/30/2024	5/2/2024	2	X		3918-4310 Oaklawn Dr 4086-4408 El Paso St 106-163 Woodsia Ln 109-157 Wacker Dr 107-148 Iris Ave 208-369 Pineridge Rd 4314-4360 Woodland Ave 3917-4189 Del Rosa Dr 113-170 Del Rio St 106-146 Pasa Robles Ave	184
4/30/2024	5/2/2024	2	X		109-436 Broadmoor Dr	23
4/30/2024	5/2/2024	2	X		101-226 Sanford St 102-244 Lindsey Dr 403-563 Willaman St	104
5/1/2024	5/6/2024	5	X		5304-5457 Suffolk Dr 5106-5276 Saratoga Dr 5207-5257 Suffolk Cir 5211-5236 Hialeah Dr 5305-5356 Canton Heights Dr 5128-5176 Reddoch Dr	78
5/1/2024	5/3/2024	2	X		100-120 Shands St	2
5/1/2024	5/13/2024	12	X		4609-4658 Manila Dr 4611-4652 Normandy Dr 4723-4794 Kings Hwy 4624-4693 Casablanca Dr 216-365 E Northside Dr	85
5/1/2024	5/3/2024	2	X		4605-4662 Calnita Pl	15

5/1/2024	5/3/2024	2	X		350-400 E Silas Brown 613-815 S West St 602-712 State St 624-736 S President St 401 E South St	28
5/2/2024	5/7/2024	5	X		2807-3174 Woodside Drive	96
5/2/2024	5/6/2024	4	X		1400-1536 W McDowell Rd	10
5/3/2024	5/7/2024	4		X	3406-3461 Shannon Dale Dr 3407-3452 Dundee Ln	35
5/3/2024	5/7/2024	4	X		1303-1431 Collier Ave 1306-1431 Cadillac Dr 3505-3602 Errata St 3512-3533 Thalia St 1205-1434 Eminence Row	85
5/4/2024	5/7/2024	3	X		4801-4891 Maplewood Drive	28
5/6/2024	5/9/2024	3	X		106-131 Hillcroft Pl 4-15 Heritage Ct 1006-1065 Northpointe Dr 1703-1781 Plantation Blvd 6211-6254 Waterford Dr 11-53 Moss Forest Cir 1-10 Moss Forest Pl 401-496 Northpointe Pkwy	138
5/6/2024	5/9/2024	3	X		200-418 Wood Dale Dr 100-263 Ridge Dr 3515-3566 Edmar Pl 1004-1086 Avondale St 3622-3689 Cavalier Dr 3506-3574 Cowan Pl 3701-3837 Montrose Cir 3803-3815 Rebecca Ct 3604-3867 Crane Blvd 3908-3940 Cambridge St 3915-3982 Nassau St 3712-3738 Greenwich St 1-4 E Hill Pl 5-14 E Hill Dr	165

5/6/2024	5/9/2024	3	X		1103-1195 Florence Ave 1409-1765 Dalton St 1013-1200 Winter St 1012-1222 W Silas Brown St 1109-1203 Handy St 1103-1229 Fairmont St 1104-1230 Rosemont St 1107-1129 Prose Ave	91
5/7/2024	5/13/2024	6	X		1711-4205 Berlin Dr 4220-4354 Forest Park Dr 4214-4277 Athens Dr 2006-2076 London Ave 4202-4267 Brussels Dr 4213-4263 E Ridge Dr 4318-4435 Manhasset Dr 1615-1634 Norwich Ave 1816-1865 Parkridge Dr 1805-2048 Meadowbrook Rd 2-6 Charleston Pl	181
5/7/2024	5/9/2024	2	X		4104-4152 N Honeysuckle Ln 4101-4174 Dogwood Dr 4025-4165 Eastover Dr	35
5/7/2024	5/9/2024	2	X		2605-2660 Cliffwood Dr 1308-1483 Wooddell Dr 1501-1785 Woody Dr 1705-1729 Woodburn St 110-123 Wooddell Ct 103-125 Greenway Ct 2413-2530 Vernon Dr 2-6 Vernon Ln	147
5/8/2024	5/13/2024	5	X		510-662 Robinhood Rd 501-655 Avalon Rd 505-669 Broadmoor Dr 507-661 Woodbury Rd 505-655 Belvedere Rd 4643-4821 Churchill Dr 4673-4706 Londonderry Dr	112

5/8/2024	5/13/2024	5	X		1015-1264 Warren St 1013-1224 Trinity St 1009-1269 Gentry St 925-1231 W Ridgeway St 2953 Pullen St	104
5/9/2024	5/17/2024	8	X		1102-1294 Woodfield Dr 1139-1291 Ferncrest Dr 1107-1151 Ridgewood Blvd 101-3202 Jamestown Way	132
5/9/2024	5/13/2024	4	X		316-440 Dewitt Ave 304-441 Jennings St 317-444 Idlewild St 324-443 Glendale St 1825-2019 Gordon St 1807-2043 Rondo St 1805-2019 Bailey Ave	127
5/9/2024	5/13/2024	4	X		2807-2944 Glenderry St 1030-2375 Glen Erin St 1214-2802 Tara Rd 2615-2879 Revere St 2646-2880 Carleton St 1109-1119 Donnybrook St 2818-2831 Shannon St	117
5/10/2024	5/11/2024	1	X		Entire Surface Water System	*
5/13/2024	5/15/2024	2	X		710-797 Avalon Rd 4619-4656 Estelle Dr 4628-4674 Cedarhurst Dr 704-792 Robinhood Rd 4629-4645 Manhattan Rd	63
5/14/2024	5/17/2024	3	X		101-356 Lake of Pines Dr 101-235 Pine Island Dr 4900-5109 Watkins Dr 103-160 Needle Cove Dr 106-154 Green Harbor Dr 104-141 Pine Bay Dr	120
5/14/2024	5/17/2024	3	X		4145-4273 Robinson Rd	17

5/14/2024	5/17/2024	3	X		602-782 Woodbury Rd 4761-4933 Cedarhurst Dr 604-781 Broadmoor Dr 602-794 Launcelot Rd 701-792 Cedarhurst Rd 4906-4913 Eden Ln	104
5/15/2024	5/20/2024	5	X		1807-2043 Rondo St 316-440 Dewitt Ave 304-441 Jennings St 317-444 Idlewild St 324-443 Glendale St 1825-2019 Gordon St 1805-2019 Bailey Ave	127
5/16/2024	5/20/2024	4	X		1510-1804 N State St 721-859 Fairview St 722-838 Oakwood St 715-839 Arlington St 1600-1813 Pine St 714-836 Euclid Ave 1111-1728 Edgewood St	93
5/16/2024	5/21/2024	5	X		121-559 Grandview Cir 2826-2839 Milton Dr 2826-2839 Donaldson Dr	43
5/16/2024	5/20/2024	4	X		2704-2880 Carleton St 2801-2887 Tara Rd 1105-2375 Glen Erin St 2701-2879 Revere St 2818-2831 Shannon St 2807-2944 Glenderry St 1109-1119 Donnybrook St	117
5/16/2024	5/20/2024	4	X		103-129 East Rankin St 512-930 S Roach St 521-710 S Farish St 555-955 S West St 515-598 Martin St 210-225 W Hudson St 101-225 E South St 123 W South St 114 Hinds St 0	63

5/20/2024	5/22/2024	2	X		1711-4205 Berlin Dr 4220-4354 Forest Park Dr 1805-2048 Meadowbrook Rd 1816-1865 Parkridge Dr 1615-1634 Norwich Ave 4318-4435 Manhasset Dr 4213-4263 E Ridge Dr 4202-4267 Brussels Dr 2006-2076 London Ave 4214-4277 Athens Dr 2-6 Charleston Pl	182
5/20/2024	5/24/2024	4	X		3801-3849 I-55 S Frontage Rd	12
5/20/2024	5/22/2024	2	X		511-1204 W Monument St 903-1256 W Capitol St 866-1124 Bratton St	46
5/20/2024	5/23/2024	3	X		1502-1846 Myrtle Street	45
5/20/2024	5/24/2024	4	X		350-400 E Silas Brown St 613-815 S West St 624-736 S President St 602-712 State St 401 E South St	28
5/20/2024	5/24/2024	4	X		400-756 Eastview St 1703-1731 Robinson Rd 1720-1810 1st Ave	68
5/20/2024	5/28/2024	8	X		103-358 Maywood Cir 4631-4719 Old Canton Rd 4611-4648 Kelton Dr	42
5/21/2024	5/23/2024	2	X		3438-3804 W Capitol St 120-173 Ford Ave 121-165 Carter Ave 115-162 Marion Ave 121-163 Columbia Ave 114-163 Lynn Ave 115-250 Tennessee Ave 120-252 Georgia Ave	134

5/21/2024	5/23/2024	2		X	1436-1475 Lakeview Ave 1438-1478 Bass Ave 1436-1472 May Ave 1403-1466 Cooks Ave 3975-4087 W Lake Rd 3980-4771 Puckett Rd	42
5/22/2024	5/24/2024	2	X		500-534 Oak St 1055-1132 Maderia Ave 501-630 Scott St 905-1023 Rondo St 1104-1121 Martin Luther King Jr Dr 1013-1140 Palmyra St	48
5/23/2024	5/28/2024	5		X	3443-3473 Warren St 3407-3465 Dundee Ln 1309-1369 Canterbury Ln 3406-3461 Shannon Dale Dr 3406-3457 Forest Hill Rd 108-135 Hampton Ct	98
5/23/2024	5/29/2024	6	X		310-371 Vardaman St 1900-2116 Bailey Ave 2009-2121 Gordon St 324-376 Glendale St 323-359 Woodrow Wilson Ave 310-359 Idlewild St	72
5/23/2024	5/29/2024	6	X		710-796 Lorraine St 905-1028 Spengler St 645-674 Rio St 731-763 Madison St 920-964 Harding St 646-801 N Jefferson St	74
5/23/2024	5/29/2024	6	X		400-615 Woodrow Wilson Ave	35
5/23/2024	5/28/2024	5	X		1033-1165 Cleary St 1050-1104 Short St 1020-1100 J R Lynch St 1054-1211 W Pascagoula St 718-736 Mary Lee St 1101-1131 W Pearl St 912-1014 Dalton St 1100-1230 Isaiah Montgomery St	42

5/23/2024	5/28/2024	5	X		1756-1893 Wallace Street 5615-6005 Fairchild Street 5703-5909 Willie Ave 1783-1867 Truman Street 1814-1873 Dewey Street 1807-1865 Reddix Street	70
5/23/2024	5/29/2024	6	X		1728-1799 Shady Ln 1701-1786 Casteel Dr 1711-1794 Waycona Dr 1016-1070 Raymond Rd	78
5/23/2024	5/28/2024	5	X		2208-2256 Martin Luther King Dr 2401-2722 Meadow St 2403-2710 Holmes Ave 2210-2317 Decatur St 2402-2530 Brown St 702-834 Detroit St 805-927 Spring Ave	66
5/24/2024	5/28/2024	4	X		3615-3867 Crane Blvd 3915-3982 Nassau St 3712-3738 Greenwich St 3908-3940 Cambridge St	47
5/24/2024	5/29/2024	5	X		1203-1340 Cox St 1207-1343 Hair St 1203-1339 Booker St 1208-1340 Topp Ave 1801-2026 Dalton St 1307-1341 Dansby St 2122 Mckinley St	92
5/25/2024	5/29/2024	4	X		641-655 Winter Street 914-1025 Willow Street 603-629 W Silas Brown Street 1010-1026 Walnut Street	50
5/26/2024	5/29/2024	3	X		1108-1351 Fairmont Ave 1023-1111 Winter Street 1018-1121 W. Silas Brown	40
5/28/2024	5/30/2024	2	X		105-255 E Pascagoula St 200-380 S Lamar St 231-555 S West St 100-200 E South St 423-439 S Farish St	25

5/28/2024	5/31/2024	3	X		715-827 Dorgan St 715-860 Winn St 701-844 Combs St 2384-2422 Gunda St 2405-2475 Belvedere Dr 702-846 Myrtlewood Dr	87
5/28/2024	5/31/2024	3	X		4220-4544 Forest Park Dr 1605-1635 Kent Ave 1606-1645 Lockwood Ave 1615-1626 Norwich Ave 4279-4435 Manhasset Dr 1816-1865 Parkridge Dr 1711-4293 Berlin Dr 1607-1656 E Northside Dr	131
5/28/2024	5/30/2024	2	X		4324-4520 El Paso Street 110-190 Paso Cove 208-495 Pine Ridge Road 208-460 Forest Ave 4315-4485 Woodland Ave 305-433 Lynwood Lane 110-195 Woodland Lane 100-290 Camero Drive 4582-4612 Hanging Moss Road	189
5/28/2024	5/30/2024	2	X		108-257 Valley Ridge Drive 101-128 Berryhill Place 105-130 Rock Glen Place	51
5/29/2024	5/31/2024	2	X		4940-4987 Brookwood Pl 305-316 Southaven Dr 501-513 Fairway Cove 63-73 Dianne Cove 11 Haven Cove	57
5/29/2024	5/31/2024	2	X		4213-4468E. Ridge Drive 108-249 Ashcot Cr 2074-2108 Meadowbrook Road 1941-2015 E. Northside Drive	56

5/29/2024	6/3/2024	5	X		1054-1211 W Pascagoula St 1050-1104 Short St 1020-1100 J R Lynch St 1033-1165 Cleary St 1100-1230 Isaiah Montgomery St 912-1014 Dalton St 1101-1131 W Pearl St 718-736 Mary Lee St	42
5/29/2024	6/3/2024	5	X		817-938 Palmyra St 509-510 W Cohea St 502-510 W Monument St 517 Carnes St 508 Todd St	17
5/29/2024	5/31/2024	2	X		4028-4306 Robin Drive 625-645 Meadowbrook Road 3835-3911 Hawthorn Drive	40
5/29/2024	5/31/2024	2		X	1050-1920 Ford Road 1090-1377 Walker Road	45
5/29/2024	5/31/2024	2	X		1404-1542 Winchester St 1406-1550 Brecon Dr 1403-1540 Wilhurst St 1407-1538 Sheffield Dr	110
5/31/2024	6/4/2024	4	X		6507-6641 George Washington Dr 6501-6582 Van Buren Rd 103-253 Rutherford B Hayes Cir 105-387 James Garfield Cir	146
5/31/2024	6/4/2024	4		X	1402-1457 Summit Ave 3900-3943 Ronald Rd 1402-1444 Cherrie Ave 1402-1426 Taylor Ave 1402-1420 Vail Ave	49
6/1/2024	6/4/2024	3	X		916-944 Inge Street 221-251 Rose Street 933-947 Robinson Road	16

6/2/2024	6/4/2024	2	X		905-1028 Spengler Street 617-674 Rio Street 710-796 Lorraine Street 646-740 N. Jefferson Street 731-763 Madison Street	52
6/3/2024	6/7/2024	4	X		4940-4987 Brookwood Pl 501-513 Fairway Cv 305-316 Southaven Dr 65-73 Dianne Cv 11 Haven Cv	57
6/3/2024	6/12/2024	9	X		1204-1450 W Capitol St 1110-1276 Grand Ave 185-191 Thompson St 142-315 Magnolia St 117-142 S Green Ave 146-201 N Green Ave 110-300 Capers Ave 121 Rose St	84
6/3/2024	6/7/2024	4	X		200-218 Yerger St 854-1124 Bratton St	30
6/3/2024	6/5/2024	2	X		785-991 S. West Street 215-330 E. Rankin Street 350-413 E. Silas Brown Street 817-831 S. Congress Street	33
6/4/2024	6/10/2024	6	X		603-927 Spring Ave 702-834 Detroit St 2404-2710 Holmes Ave 2402-2722 Meadow St 2506-2715 Brown St 2406-2513 Woodlawn St	87
6/4/2024	6/6/2024	2	X		970 Dixon Rd	5
6/5/2024	6/7/2024	2	X		402-475 Roland St	43
6/5/2024	6/7/2024	2	X		1217-1350 Vine St 106-916 Larson St 607-707 Monroe St 721-789 Harris St 800-879 Foley St 802-1313 Harding St 1399-1520 Moody St	71

6/5/2024	6/7/2024	2	X		108-458 Myer Ave 104-465 Culbertson Ave 130-255 Lemly Ave 3409-3527 Jayne Ave	121
6/6/2024	6/10/2024	4	X		2050-2377 Martin Luther King Dr 2403-2710 Holmes Ave 519-820 Page St 702-834 Detroit St 2602-2718 Brown St 2202-2333 Decatur St 603-927 Spring Ave 2401-2722 Meadow St 2605-2725 Lilly St	147
6/6/2024	6/13/2024	7	X		711-1032 Pinehurst St 703-932 Gillespie St 744-1038 Belhaven St 1316-1704 N Jefferson St 1304-1405 Hazel St 1411-1500 Peachtree St 721-839 Arlington St	92
6/6/2024	6/10/2024	4	X		306-355 Roosevelt Pl 405-559 Roosevelt Cir 615-638 Warren Harding Dr 114-130 Presidential Pl 6622-6676 Presidential Dr 6911-7004 Franklin Delano Roosevelt Dr	75
6/6/2024	6/10/2024	4	X		617-674 Rio St 710-796 Lorraine St 710-763 Madison St 920-964 Harding St 905-1028 Spengler St 646-740 N Jefferson St	54
6/7/2024	6/12/2024	5	X		1128-1450 W Capitol St 1110-1276 Grand Ave 142-315 Magnolia St 117-142 S Green Ave 146-201 N Green Ave 110-300 Capers Ave 185-191 Thompson St	90

6/8/2024	6/11/2024	3	X		4619-4663 Estelle Drive 703-756 E. Northside Drive 710-797 Avalon Road 4629-4645 Manhattan Road 4620-4674 Cedarhurst Road	42
6/10/2024	7/2/2024	22	X		6302-6683 Abraham Lincoln Dr 6303-6733 Lyndon B Johnson Dr 3706-3723 James Madison Rd 3708-3737 Thomas Jefferson Rd 3702-3755 John Adams Rd 6507-6788 George Washington Dr 6501-6586 Van Buren Rd 3651-3688 James Monroe Dr 3601-3708 John F Kennedy Blvd 3525-3575 Flag Chapel Rd 105-387 James Garfield Cir 103-253 Rutherford B Hayes Cir 104-333 Grover Cleveland Cir 103-357 William McKinley Cir 105-249 Flag Chapel Cir 101-138 James Monroe Pl 119-162 Lincoln Pl	454
6/10/2024	6/13/2024	3	X		711-1032 Pinehurst St 1304-1405 Hazel St 703-932 Gillespie St 744-1038 Belhaven St 1316-1704 N Jefferson St 1313-1500 Peachtree St 721-1013 Arlington St 710-1014 Poplar Blvd	102

6/10/2024	6/13/2024	3	X		2704-2880 Carleton St 2801-2887 Tara Rd 2701-2879 Revere St 2807-2944 Glenderry St 1105-2375 Glen Erin St 1109-1119 Donnybrook St 2818-2831 Shannon St	117
6/10/2024	6/17/2024	7	X		101-631 Hampton Cir 118-320 Hampton Way 1703-1781 Plantation Blvd 6211-6254 Waterford Dr 1006-1065 Northpointe Dr 106-131 Hillcroft Pl 101-600 Northpointe Pkwy 201-224 Stoney Brook Cv 201-263 Park Ln Pl 4-15 Heritage Ct 11-53 Moss Forest Cir 1-10 Moss Forest Pl 1-11 Northpointe Cv 1-33 Village Green Cir 11-15 Village Green Ct 16-44 Park Crest Pl 11-139 Autumn Hill Dr 6-24 Autumn Hill Cv 7-32 Autumn Hill Pl 22-28 Autumn Hill Ct 10-82 Robinhood Pl	391
6/11/2024	6/13/2024	2	X		4220-4544 Forest Park Dr 1605-1638 Kent Ave 1606-1345 Lockwood Ave 1615-1634 Norwich Ave 4279-4435 Manhasset Dr 1816-1865 Parkridge Dr 1711-4293 Berlin Dr	127

6/11/2024	7/3/2024	22	X		3716-3886 John F Kennedy Blvd 6622-6804 Presidential Dr 6706-6857 Harry S Truman Dr 6708-7004 Franklin D Roosevelt Dr 615-638 Warren Harding Dr 405-559 Roosevelt Cir 114-130 Presidential Pl 306-355 Roosevelt Pl 106-118 Truman Pl 108-116 Truman Cir	213
6/12/2024	6/14/2024	2	X		815-1195 Florence Ave	26
6/12/2024	6/14/2024	2	X		1816-2020 Douglass Dr 2101-2217 Lake Cir 3918-3930 Rhymes Pl 3906-3948 Restbrook Pl 1910-2025 Eastbourne Pl	36
6/12/2024	6/17/2024	5	X		1915-2255 Eastover Dr 2307-2381 Twin Lakes Cir 3826-3875 Sleepy Hollow Dr 3800-3858 Redbud Rd 2207-2259 Greenbriar Dr 2320-2344 Pebble Ln	82
6/13/2024	6/17/2024	4	X		4145-4273 Robinson Rd	7
6/13/2024	6/20/2024	7		X	4301-4330 New Post Rd 4556 N Siwell Rd	30
6/15/2024	6/18/2024	3	X		150-495 Woody Drive 3183-3227 Terry Road 3109-3189 Monticello Drive 3100-3195 Whitten Road 3127-3185 Sylvester Drive 3100 Woodbine Street 3152-3153 Reno Street 3108-3159 Alameda Drive 3131-3180 Benson Drive	172
6/15/2024	6/18/2024	3	X		601-695 Tifton Drive 634-643 Storey Point 586-654 Spryfield Road	43
6/16/2024	6/18/2024	2	X		1844-2955 Belvedere Drive 634-699 W. McDowell Road	92

6/16/2024	6/20/2024	4	X		2817-2821 W. Capital Street 112-956 Claiborne Ave	83
6/17/2024	6/20/2024	3	X		1004-1069 Voorhees Ave 1009-1076 Peyton Ave 1004-1069 Matthews Ave 1012-1075 Claiborne Ave 2203-2521 Harriotte Ave	95
6/17/2024	6/25/2024	8	X		1235-1717 W Capitol St 115-211 Ethel Moore Ave 119-250 Princeton St 315-321 Ethel Mary St 122-209 Glenmary St 113-176 Sivley Ave 1205-1239 Lawnview Pl 142-515 Magnolia St 1204-1529 1st Ave 1224-1622 2nd Ave 1113-1635 Grand Ave 1303-1624 4th Ave 120-144 S Green Ave 1101-1506 Robinson Rd 327-519 Hemlock St 303-618 Broad St 275-521 Roseneath Ave 131-605 S Prentiss St	321
6/17/2024	6/21/2024	4	X		501-742 Maple St 512-735 Campbell St 610-737 Randall St 1219-1424 Piney Woods St 1217-1423 Rondo St	119
6/18/2024	7/2/2024	14	X		6304-6733 Lyndon B Johnson Drive 6582-6588 Johnson Place	144
6/18/2024	6/24/2024	6	X		744-1038 Belhaven St 721-1013 Arlington St 711-1032 Pinehurst St 1304-1405 Hazel St 1313-1500 Peachtree St	83

6/18/2024	6/21/2024	3	X		422-430 Jeanette Cir 404-408 Deborah Cir 404-432 Cameron St 3700-3755 Timber Crest Dr	36
6/20/2024	6/25/2024	5		X	100-132 Spring Valley Drive 101-170 Windy Hill Cove	42
6/20/2024	6/25/2024	5	X		1313-1340 Hazel Street 1003-1249 Pinehurst Street 1313-1336 Peachtree Street 1010-1320 Poplar Blvd 1308-1336 Olive Street 1316-1338 Greymont Street	60
6/21/2024	6/28/2024	7		X	1508-1565 Luter Ln 1505-1570 David Dr 1506-15558 Burton St 1504-1578 Lowery Ln 5011-5127 Deckard Dr 5008-5124 Tulane Dr 1503-1571 Westhaven Blvd	146
6/22/2024	6/25/2024	3	X		1405-1836 Lyncrest Ave 1514-1623 Pinehurst Street 1608-1608 Laurel Street 1516-1520 Greymont Street 1516-1606 Ivy Street 1523-1604 Belmont Street	61
6/24/2024	6/26/2024	2	X		904-959 Palm Street 3302-3326 Ramona Street 3320-3344 Ridgeland Drive	30
6/24/2024	6/26/2024	2	X		4610-4780 W Cheryl Drive	22
6/24/2024	6/26/2024	2	X		109-248 Roosevelt Street 1530-1533 Blair Street	54

6/24/2024	7/2/2024	8	X		6304-6733 Lyndon B Johnson Drive 6582-6588 Johnson Place 3250-3575 N. Flag Chapel Road 105-249 Flag Chapel Circle 3651-3692 James Monroe Drive 102-138 James Monroe Place 3702-3755 John Adams Road 3705-3737 Thomas Jefferson Road 3706-3723 James Madison Road 6507-6788 George Washington Drive 6501-6586 Van Buren Road 6302-6573 Abraham Lincoln Drive 103-357 William McKinley Circle 104-333 Grover Cleveland Circle 119-162 Lincoln Place 105-387 James Garfield Circle 103-253 Rutherford B Hayes Circle	610
6/25/2024	6/27/2024	2	X		1865-1917 E Northside Drive 4505-4560 Eastwood Road	16
6/25/2024	6/27/2024	2	X		171-191 Moon Street 2435-2439 Prosperity Street	11
6/25/2024	6/27/2024	2	X		102-495 Riverbend Drive 8002-8019 Lakeview Blvd 501-554 Fairway Cove 461-469 Pinebrook Cove 1-25 Riverview Cove 501-554 Fairway Cove (810-941) Willoway Cove E (2001-2099) Fox Hill Lane 2036-2044 Fox Cove E (2011-2021) Fox Cove W 122-154 Fairway Circle	250

6/25/2024	6/27/2024	2	X		1600-1821 Pinehurst Place 1317-1475 St. Ann Street 1305-1466 St. Mary Street 1606-1833 Laurel Street 1405-1441 Lyncrest Ave	63
6/25/2024	6/27/2024	2	X		297-550 High Street 301-601 N. West Street 301-703 N. Lamar Street 236-520 George Street 637-711 N. President Street 236-427 E. Hamilton Street 254-256 E. Griffith Street 505-528 John Hart Street 202-221 Henry Street 502-528 Bloom Street	50
6/26/2024	6/28/2024	2	X		4185-4328 Whitehall Ave	15
6/26/2024	6/28/2024	2	X		2403-2571 Prosperity St 171-315 John St 175-177 Luke St 168-188 Denson St 175-188 James St	35
6/26/2024	6/28/2024	2	X		2358-5365 Wynndyke Circle 2352-2388 Riffle Ave 220-250 Speights Street 5308-5338 Chalet Ave 5305-5386 Wynndyke Road 2300-2442 Ladd Street 5316-5349 Sheronn Street	212

6/27/2024	7/2/2024	5	X	<p>3601-3886 John F. Kennedy Drive</p> <p>6305-6663 Abraham Lincoln Drive</p> <p>6303-6728 Lyndon B. Johnson Drive</p> <p>6582-6588 Johnson Place</p> <p>6745-6857 Harry S. Truman Drive</p> <p>108-113 Truman Circle</p> <p>106-118 Truman Place</p> <p>6735-6804 Presidential Drive</p> <p>3706-3723 James Madison Road</p> <p>3708-3737 Thomas Jefferson Road</p> <p>3702-3755 John Adams Road</p> <p>6508-6788 George Washington Drive</p> <p>106-253 Rutherford B Hayes Cr</p> <p>105-387 James Garfield Cr</p> <p>119-162 Lincoln Place</p> <p>103-357 William McKinley Cr</p> <p>102-121 James Monroe Place</p> <p>3664-3687 James Monroe Drive</p> <p>104-333 Grover Cleveland Cr</p> <p>6501-6582 Van Buren Road</p> <p>3520-3575 N. Flag Chapel Road</p> <p>106-249 Flag Chapel Cr</p>	881
6/27/2024	7/3/2024	6	X	<p>405-559 Roosevelt Circle</p> <p>615-638 Warren Harding Drive</p> <p>6911-7004 Franklin Delano Roosevelt Drive</p> <p>306-355 Roosevelt Place</p> <p>6623-6869 Presidential Drive</p> <p>114-135 Presidential Place</p>	75

6/27/2024	7/1/2024	4	X		2902-3036 Overstreet Ave 1311-1346 Fernwood Dr 1314-1373 Alamo St 1317-1385 Weeks St 3003-3165 Martin Luther King Jr. Dr.	70
6/27/2024	7/1/2024	4		X	700-765 Forest Woods Dr	27
6/28/2024	7/2/2024	4		X	2305-2343 Timber Crossing 2306-2326 Timber Falls Dr 2201-2229 Dogwood Hinds 2202-2226 Redbud Ln	97

E. SUMMARY OF DELAYS ENCOUNTERED OR ANTICIPATED

No delays that should impact the achievement of the objectives of the ISO were encountered during the reporting period.

F. FEDERAL GRANT 84054501-01 - ACCOMPLISHMENTS IN RELATION TO REQUIRED OUTPUTS AND OUTCOMES

Goal 1 - Establish the Interim Third-Party Manager (ITPM) to operate, maintain, manage, and control the System in compliance with the SDWA. Comply with all requirements of the Order.

Goal 1 was achieved during the quarter ended March 31, 2023. The ITPM established JXN Water, Inc., as the business entity required to achieve the goals and objectives of the Interim Stipulated Order and this grant.

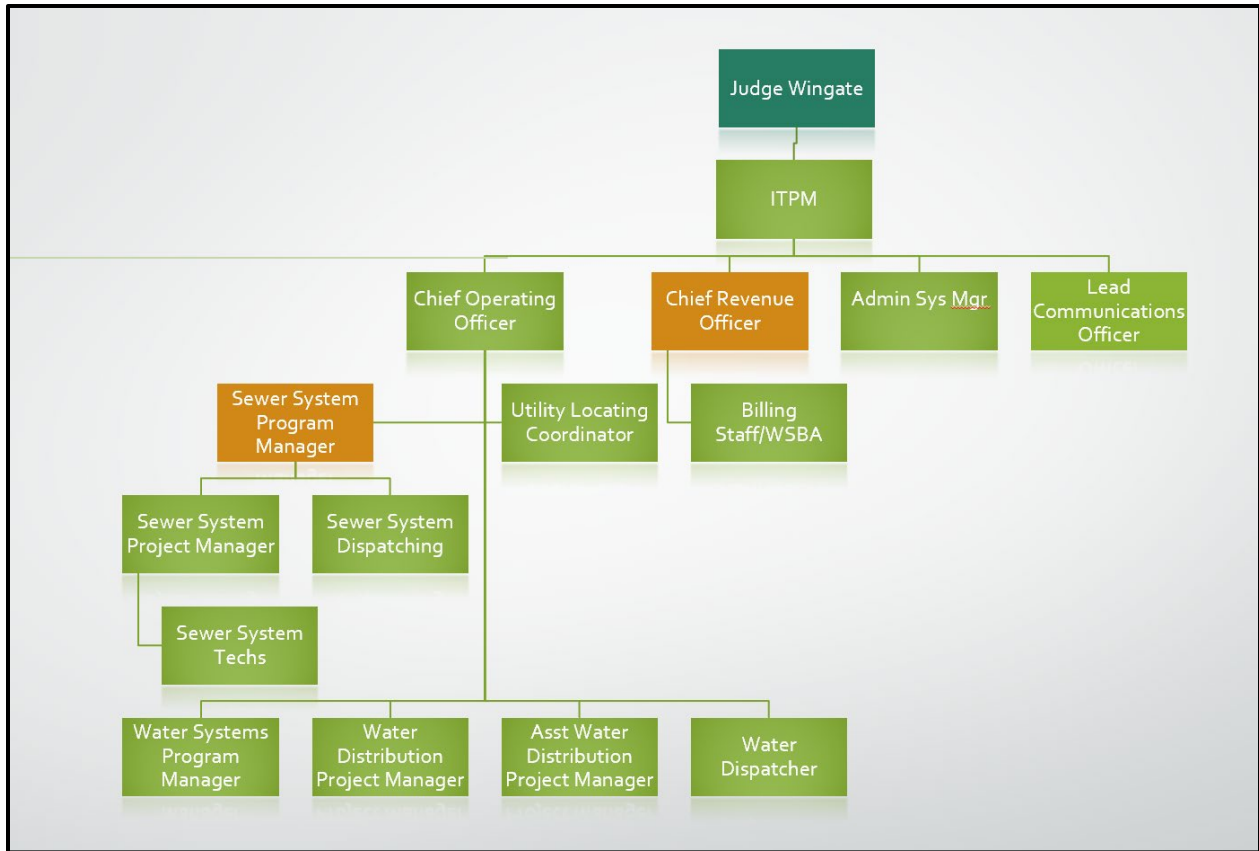
The approved grant workplan included five tasks under Goal 1 for the Interim Third-Party Manager. While the stated goal was accomplished with establishment of the ITPM, these five tasks will continue throughout the term of the grant.

- **Implement the Project Priority List Implementation Schedule.**
The Priority Project schedule was developed and submitted. Progress on PPL projects is provided within this report. This work will continue throughout the grant period in accordance with the schedule.
- **Advise, consult, and collaborate with the Director of Public Works.**
Regular communications and meetings are held with the Director of Public Works and will continue throughout the grant term.
- **Perform reporting requirements; and respond to requests.**
All reporting requirements and requests during the quarter have been satisfied.
- **Hire, enter into contracts, alter existing contracts, seek out other funding sources, and make purchases for the benefit of the System.**
See details herein.
- **Develop and implement a Financial Management Plan for the System.**
A revised Financial Management Plan (FMP) was developed and submitted on January 30, 2024.

Support Personnel:

The organizational chart for the ITPM and JXN Water is shown on the following page. The two orange blocks represent contract employees performing staff functions.

ITPM and JXN Water Organization Chart



Contractual Support for ITPM

With additional experience, the roles of various contractors have been evaluated and modified from the original grant workplan. At this time these are the contractors supporting the ITPM:

Legal Services – Regulatory and General Counsel – AquaLaw (Paul Calamita) has been engaged with the local support of Forman Watkins (Malissa Wilson). Mr. Calamita has over 30 years of experience representing public drinking water and sewer utilities nationwide. Ms. Wilson is a Partner at Forman Watkins and her team is able to provide a wide range of necessary support with extensive experience with Mississippi clients.

Accounting – Kim Hardy, CPA with Matthews, Cutrer, and Lindsay has been retained. Horne has been retained to assist with compliance monitoring.

Financial Advisor – PFM (Ricardo Callender) has been retained to provide financial advisory services. There may be additional support necessary under this item related to the debt retirement.

Billing Support – Horne has been retained to assist with cleaning up the customer account data in addition to the compliance support they are providing. BOSS has been managing the Oracle billing system and implementing the meter-to-cash solution.

Communications Support – HDR has been retained to support the JXN Water communications effort. This broad tasking includes, copywriting, copy editing, graphic design, social media management, website design and development, and public relations services.

Goal 2 – Establish an Operations and Maintenance Contract for the City of Jackson Water System.

This goal was accomplished when Jacobs entered a contract with JXN Water for Operation and Maintenance of the two water treatment plants, the wells, and the storage tanks throughout the system on February 20, 2023. This contract is an open-book time and materials contract with an initial six-month term. During this term Jacobs could develop a better understanding of the cost to operate and maintain the plants and will use that data to inform their fixed-price bid on a ten-year contract. The contract term has been extended through September 30, 2024, as the parties continue to negotiate liability language important to Jacobs and other contractors working for the ITPM.

The contract requires Jacobs to meet all SDWA standards, MSDH regulations, and any other applicable laws, regulations, and standards. The plant outcomes for this quarter are shown below.

Water Production (into Distribution System) in million gallons per day

Plant	Q2 Average	Q1 2024	Q4 Average	Q3 Average	Q2 Average	Q1 Average
OBC Conventional	9.5	13.6	17.6	16.1	13.3	15.1
OBC Membrane	16.8	18.2	19.1	21.7	22.4	21.8
JH Fewell	12.1	16.6	19.3	15.9	11.5	13.4
Total	38.4	48.5	55.9	53.7	47.2	50.2

Power and Chemical Cost for Water Treatment

	April 2024	May 2024	June 2024	Q2 Average
Plant Flows MG (Total all plants)	1152	1211	1133	1165
Estimated Chemical and Power Cost Per MG	\$819	\$649	\$903	\$790/MG

O&M Contract Staffing Plan and Progress

Jacobs has continued to recruit to fill all positions in their staffing plan. The plan calls for a long-term total of approximately 54 people with a short-term requirement for an additional 12 maintenance people to expedite corrections and deficiencies related to deferred maintenance. Eighteen full-time and one part-time position have been filled with former City of Jackson employees. As of March 31, 2024, 45 positions of 66.5 are filled (67.7 percent).

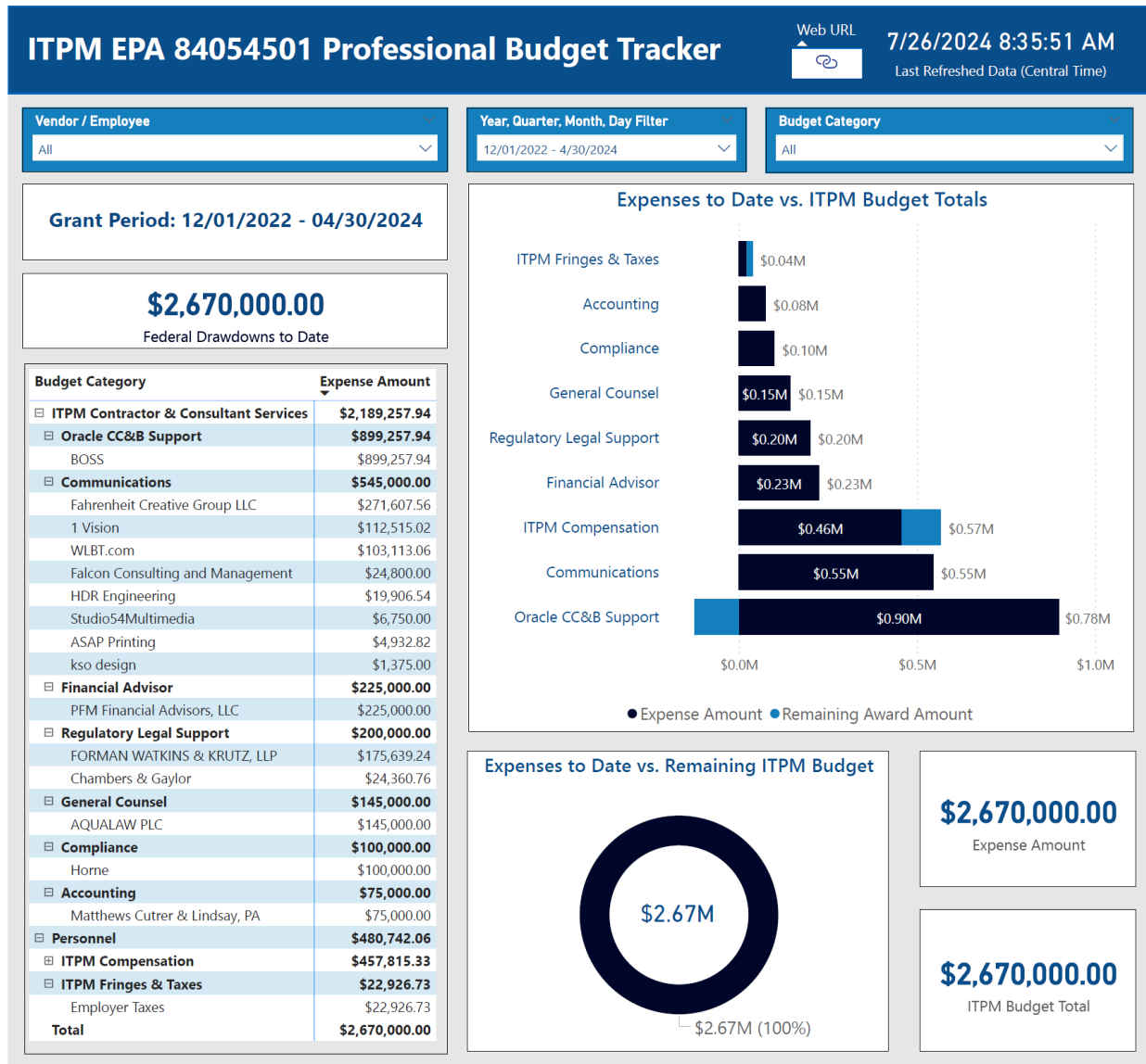
Jacobs Operation and Maintenance Contract Staffing Plan and Status

	Water Program Mgr FILLED	Water O&M Proj Director FILLED	Asst Project Manager FILLED	
Business Analyst VACANT	Communication Director VACANT	Exec Admin Assistant FILLED	Asset Manager FILLED	Health & Safety Mgr VACANT
		Admin Asst FILLED	Planner / Scheduler FILLED	
Operations Manager FILLED			Maintenance Manager FILLED	
OBC Ops Supervisor FILLED	JHF Ops Supervisor FILLED	Lab Supervisor FILLED	OBC Maint Supervisor FILLED	JHF Maint Supervisor FILLED
4 * Lead Operator FILLED	4 * Lead Operator FILLED	Lab Tech II FILLED	2 * Lead Mechanic FILLED	2 * Lead Mechanic VACANT
FILLED	FILLED	2 * Lab Tech I FILLED	VACANT	VACANT
VACANT	VACANT	FILLED	2 * Mechanic VACANT	2 * Mechanic FILLED
VACANT	VACANT	FILLED	VACANT	VACANT
4 * Op II (A-licensed) FILLED	2.5 * Op II (A-licensed) FILLED		2 * Mech-In-Training FILLED	2 * Mech-In-Training FILLED
FILLED	FILLED	I & C Manager VACANT	FILLED	FILLED
VACANT	VACANT	3 * I & C Technician FILLED	FILLED	VACANT
VACANT			Electrician VACANT	Electrician FILLED
6 * Operator I / OIT FILLED	6 * Operator I / OIT FILLED	FILLED	Utility Worker VACANT	Utility Worker FILLED
FILLED	FILLED	FILLED	VACANT	VACANT
FILLED	FILLED	VACANT		
FILLED	FILLED			
FILLED	FILLED			
FILLED	FILLED			
FILLED	FILLED			

G. Detailed Accounting of Grant 84054501

Grant 84054501 ended on April 30, 2024. The original grant period was from 12/01/2022 through 11/30/2023. Conserving grant expenditures allowed the grant period to be extended through 04/30/2024. The grant was amended for the third and final time on June 7, 2024. This amendment eliminated all staffing expenses from the grant with the exception of the ITPM compensation. This was in response to the Office of Grants and Debarment’s compliance assistance report. The final close out of the grant will be submitted within the required 120 days from the end of the grant term.

The items in Grant 84054501 have been incorporated into Grant 84060101 as a project – ITPM Professional Budget.



Interim Third-Party Manager’s Professional Budget per Grant 84054501-3 – Amended June 7, 2024

For the period 12/01/2022 through 04/30/2024

	Grant Budget	AT CLOSE OUT
ITPM Compensation - \$33,333.33/month		
<ul style="list-style-type: none"> • Salary • Living expenses • Travel expenses 	\$566,661	
<i>ITPM Compensation Sub-total</i>	<i>\$566,661</i>	<i>\$457,815.33</i>
ITPM Staff Compensation and Expenses		
<ul style="list-style-type: none"> • Local deputy administrator/senior project manager • Project managers/contract inspectors • Contract administrator/invoice processor • Environmental compliance manager • Other staff as needed 		
• Employer Payroll Taxes	\$38,339	\$22,926.73
<i>ITPM Staff Compensation and Expenses Sub-total</i>	<i>\$605,000</i>	<i>\$480,742.06</i>
ITPM Contractor and Consultant Support and Services		
• General and regulatory legal support	\$345,000	\$345,000
<ul style="list-style-type: none"> • Accounting • Financial advisor 	\$300,000	\$300,000
• Oracle Billing System Support	\$775,000	\$889,257.94
<ul style="list-style-type: none"> • Communications • Compliance 	\$545,000 \$100,000	\$545,000 \$100,000
<i>ITPM Contractor and Consultant Support and Services Sub-total</i>	<i>\$2,065,000</i>	<i>\$2,179,257.94</i>
Other Direct Expenses		
<ul style="list-style-type: none"> • Phones and computers for ITPM and staff • Professional liability insurance • Office supplies/miscellaneous consumables • Other direct expenses as needed 		
<i>Other Direct Expenses Sub-total</i>		
<i>OVERALL ITPM PROFESSIONAL BUDGET TOTAL</i>	<i>\$2,670,000</i>	<i>\$2,670,000</i>

H. PROPOSED ITPM PROFESSIONAL BUDGET MAY 2024 – SEPTEMBER 2025

May 1, 2024 – September 30, 2025 The initial ITPM Professional Budget was approved with the Interim Stipulated Order and funded with a 1442b grant awarded in January 2023 (Grant 84054501). The term of that grant was amended to April 30, 2024.

With that grant closed out, the ITPM professional budget has been incorporated into the workplan of EPA Grant 84060101 with a term of May 2024 through September 2025. The original grant budget included payment of staff and contractors necessary to perform administrative financial, advisory, legal, technical, and accounting services.

The ITPM budget was submitted to EPA with the amended grant narrative and budget. The ITPM Professional Budget in that amended is as follows:

ITPM Professional Budget

	5/1/2024 – 9/30/2025
Personnel	\$ 620,980
Contractual	\$5,379,020
Total	\$6,000,000

Detailed Budget

Personnel	5/1/2024 – 9/30/25
Interim Third-Party Manager Compensation (includes all expenses)	\$566,665
Employer Taxes	\$ 54,315
Total Personnel	\$620,980

Contract Support	5/1/2024 – 9/30/25
Regulatory Legal Support	\$300,000
General Counsel	\$250,000
Accounting	\$ 200,000
Oracle CC&B (billing system) Support	\$3,000,000
Financial Advisor	\$350,000
Communications	\$1,000,000
Compliance	\$150,000
Contingency	\$129,020
Total Contractual	\$5,379,020

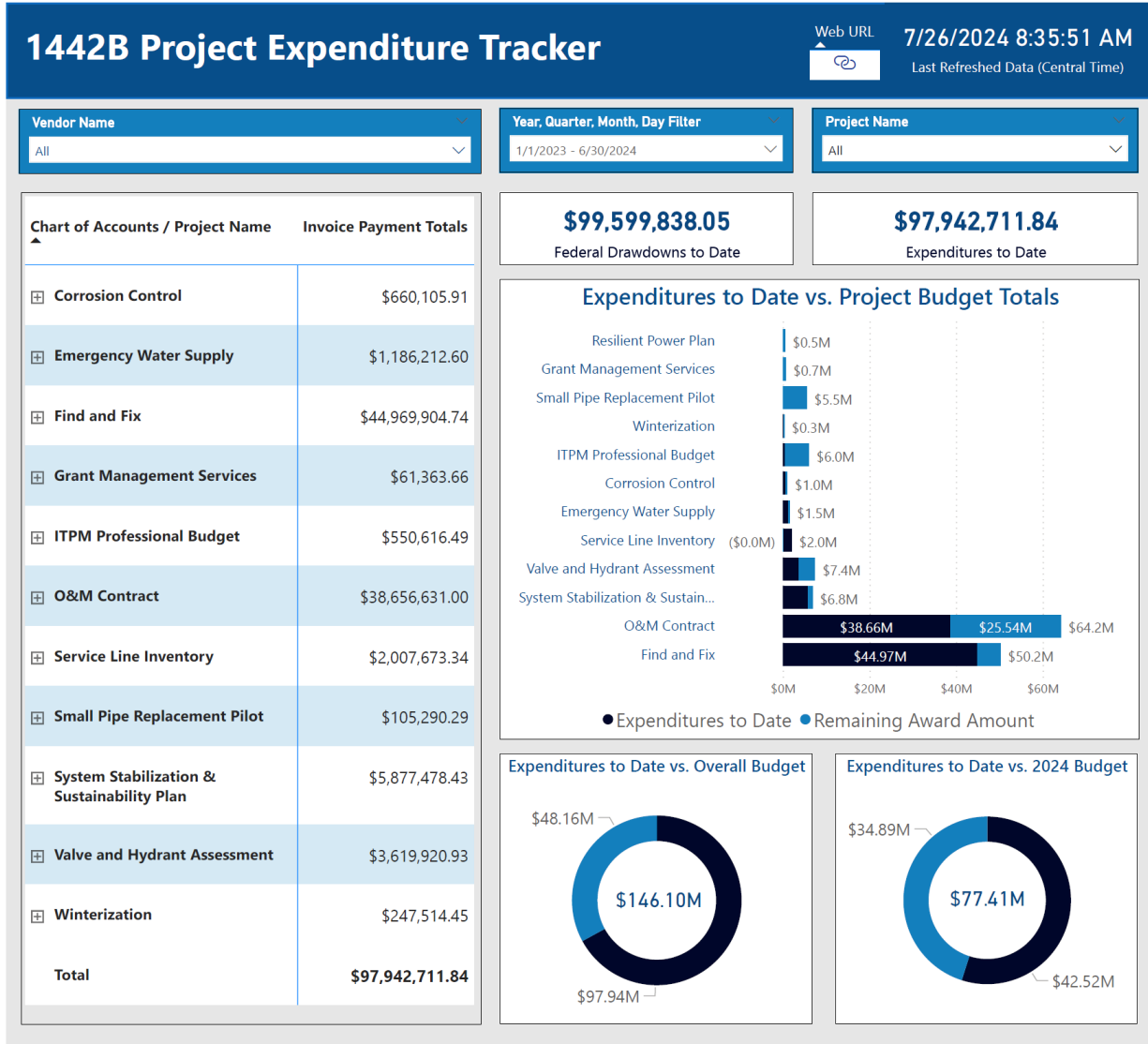
I. FEDERAL GRANT 84060101-01 - ACCOMPLISHMENTS IN RELATION TO REQUIRED OUTPUTS AND OUTCOMES

Project Goals, Outputs, and Outcomes

The main goal of the project is to implement the necessary actions as defined in the Stipulated Order to restore reliable and safe drinking water to all customers of the Jackson Water System. The Consolidated Appropriations Act, 2023, included \$150 million in 1442b grant funding for the City of Jackson's water system. This grant application includes eligible pre-award costs beginning on February 1, 2023. Additionally, because these contracts are required to mitigate the existing emergency situation, noncompetitive procurement may be used based on 2 CFR 200.320(c)(3), the public exigency or emergency for the requirement will not permit a delay resulting from publicizing a competitive solicitation. Further, the Stipulated Order specifically exempts the Interim Third-Party Manager from compliance with Mississippi procurement laws and regulations. Progress on specific projects funded by this grant is detailed herein. Financial reports follow:

J. Detailed Accounting of Grant 84060101-0 Funding

Eligible expenses for the projects approved in the first phase of the grant have been charged to the grant and the ITPM has drawn down Federal funding to pay these costs during the reporting period. Costs incurred after February 2, 2023, are eligible.



Grant 84060101-0 – Budget versus Actual

Priority Project No.	Description	Original Budget (M)	Spent to Date 6/30/2024
5.a.ii	Valve and Hydrant Assessment	\$ 7.4	\$ 3,619,920.93
5.a.vii	Service Line Inventory	\$ 0.1	\$ 2,007,673.34
5.a.iv	Distribution System Leaks – Find and Fix	\$ 22.5	\$ 44,969,904.74
1	Phase 2 O&M Contract - Open Book Actual Cost	\$ 12.0	\$ 38,656,631
1	Phase 3 O&M Contract - Long Term Fixed Price	\$ 63.0	
6	System Stabilization and Sustainability Plan	\$ 2.0	\$ 5,877,478.43
3	Corrosion Control	\$	\$ 660,105.91
2	Winterization	\$	\$ 247,514.45
	ITPM Professional Budget	\$ 8.5	
	Grant 84060101-0	\$115.5	\$96,039,228.80

An amendment to Grant 84060101 was submitted in Q2 with award anticipated in early Q3. The amendment proposes to draw down the entire appropriated amount of \$150 million. The grant amendment projects and estimated allocations follows:

Grant 84060101 Budget by Project

Priority Project No.	Description	Total (Millions)	Spent 2023	Estimated 2024	Estimated 2025	Approved
5.a.ii	Valve and Hydrant Assessment	\$7.40	\$1.90	\$5.50		Approved
5.a.vii	Service Line Inventory	\$2.00	\$0.20	\$1.80		Approved
5.a.iv	Distribution System Leaks – Find and Fix	\$50.24	\$23.20	\$27.04		Approved
1	Phase 2 O&M Contract - Open Book Actual Cost	\$26.70	\$26.70			Approved
	Extension of Phase 2	\$17.50		\$17.50		Approved
1	Phase 3 O&M Contract - Long Term Fixed Price	\$20.00		\$12.50	\$7.50	Conditionally Approved
2	Winterization	\$0.30	\$0.23	\$0.07		Pending
3	Corrosion Control	\$1.00	\$0.30	\$0.70		Pending
4	Emergency Water Supply	\$1.50	\$0.00	\$1.00	\$0.50	Pending
5 and 6	System Planning and Stabilization	\$6.80	\$2.80	\$2.00	\$2.00	Pending
13	Resilient Power Plan	\$0.50		\$0.50		Pending
	Small Pipe Replacement Pilot	\$5.50		\$5.50		Pending
	ITPM Professional Budget	\$6.00		\$3.00	\$3.00	Conditionally Approved
	Grant Management	\$0.66		\$0.30	\$0.36	Pending
	EPA Administrative Fee	\$3.90				Not under ITPM control
	TOTAL 1442(b)	\$150.00	\$55.33	\$77.41	\$13.36	

K. Spending Plan

The Financial Management Plan, submitted on January 29, 2024, included a spending plan that extends through the 20-year planning period. The first 5 years of the plan (through 2029) are shown below.

Source	Priority Project No.	Description	Total	2023	2024	2025	2026
1442b	2	Winterization	\$ 0.3	\$ 0.2	\$ 0.1		
1442b	3	Corrosion Control	\$ 1.0	\$ 0.3	\$ 0.7		
1442b	5.a.ii	Valve and Hydrant Assessment	\$ 7.4	\$ 1.9	\$ 5.5		
1442b	5.a.vii	Service Line Inventory	\$ 2.0	\$ 0.2	\$ 1.8		
1442b	5.a.iv	Distribution System Leaks - Find and Fix	\$ 50.2	\$ 23.2	\$ 27.0		
1442b	5 and 6	System Planning and Stabilization	\$ 6.8	\$ 2.8	\$ 2.0	\$ 2.0	
1442b	4	Emergency Water Supply	\$ 1.5	\$ -	\$ 1.0	\$ 0.5	
1442b	13	Resilient Power Plan	\$ 0.5	\$ -	\$ 0.5	\$ -	
1442b		Small Pipe Replacement Pilot	\$ 5.5	\$ -	\$ 5.5		
1442b		ITPM Professional Budget	\$ 6.0	\$ -	\$ 3.0	\$ 3.0	
1442b		Grant Administration	\$ 0.7		\$ 0.3	\$ 0.4	
1442b		EPA Administration	\$ 3.9				
			\$ 85.8				
1442b	1	O&M Contract	\$ 64.2	\$ 26.7	\$ 30.0	\$ 16.2	
		TOTAL 1442b	\$ 150.0	\$ 55.3	\$ 77.4	\$ 22.1	
ARPA	11.a.g	OBC Filters/Conventional and Membrane	\$ 12.0		\$ 12.0		
ARPA		Sewer Find and Fix	\$ 34.0		\$ 4.5	\$ 18.0	\$ 11.5
		TOTAL ARPA	\$ 46.0				
Comm Grant		Maintenance Facilities Improvements	\$ 2.4		\$ 2.4		
Comm Grant		WSBA Facility Replacement	\$ 1.6		\$ 1.6		
		TOTAL COMMUNITY GRANT	\$ 4.0				
Pay-Go		Distribution System Repairs	\$ 75.0				
Pay-Go		Plant Treatment Processes	\$ 75.0				
Pay-Go		Small Pipe Replacement	\$ 65.0				
Pay-Go		Sewer System Repairs	\$ 182.0		\$ 12.0	\$ 17.0	\$ 22.0
		TOTAL PAY-GO	\$ 397.0				
Active	SRF Loan 3	Membrane Train	\$ 0.3	\$ 0.3			
Active	SRF Loan 3	Membrane Building	\$ 1.5	\$ 1.5			
Active	SRF Loan 3	OBC Winterization	\$ 4.1	\$ 4.1			
Active	SRF Loan 3	JHF Corrosion Control	\$ 5.0	\$ 5.0			
Active	SRF Loan 3	JHF Filters 24/26	\$ 1.8	\$ 1.8			
		TOTAL ACTIVE SRF LOAN 3	\$ 12.7				
SRF Omni	5.a.v	Distribution System Optimization	\$ 50.0		\$ 10.0	\$ 20.0	\$ 20.0
SRF Omni	10	Intake Structure Repair	\$ 15.0			\$ 15.0	
SRF Omni	13	Resilient Power Facilities OBC	\$ 31.8		\$ 6.8	\$ 25.0	
SRF Omni	5	Distribution System Upgrades and Replacements	\$ 50.5		\$ 4.0	\$ 18.0	\$ 18.0
SRF Omni		OBC Residuals System Upgrade	\$ 34.5			\$ 14.5	\$ 10.0
SRF Omni		Distribution Storage Upgrades	\$ 27.5		\$ 0.5	\$ 9.0	\$ 9.0
SRF Omni		Well System Rehabilitation	\$ 22.2			\$ 12.2	\$ 10.0
SRF Omni		HSPS/Backwash Electrical Upgrades	\$ 11.0			\$ 11.0	
SRF Omni		Membrane Replacement	\$ 3.6		\$ 3.6		
SRF Omni		JHF Pumping Station Conversion	\$ 33.8		\$ 0.8	\$ 10.0	\$ 23.0
SRF Omni		Chemical Feed Repair OBC	\$ 33.3		\$ 3.3	\$ 30.0	
SRF Omni		SCADA	\$ 13.4		\$ 3.4	\$ 10.0	
SRF Omni		Treatment Process Renewals	\$ 24.5		\$ 8.0	\$ 16.5	
SRF Omni		Small Pipe Replacement	\$ 83.0		\$ 3.0	\$ 40.0	\$ 40.0
SRF Omni		Retire SRF	\$ 13.9			\$ 13.9	
SRF Omni		EPA Administration/Technical Assistance	\$ 2.0	\$ 1.2	\$ 0.2	\$ 0.2	\$ 0.2
		TOTAL SRF OMNIBUS	\$ 450.0				
SRF Omni (CD)	11.g	General Filter Repairs at JHF	\$ 2.8		\$ 2.8		
USACE 219/WRDA		100 MGD Pump	\$ 5.0		\$ 5.0		
USACE 219/WRDA		Membrane Cassette Purchase	\$ 10.0		\$ 10.0		
USACE 219/WRDA		Small Pipe Replacement	\$ 40.0		\$ 15.0	\$ 15.0	\$ 10.0
USACE 219/WRDA		Sewer System Work	\$ 50.0	\$ 5.0	\$ 20.0	\$ 30.0	\$ 30.0
USACE 219/WRDA		Dredging Storm Basins at Savanna	\$ 25.0		\$ 10.0	\$ 15.0	

L. Modifications to the Priority Project List or Schedule

No modifications to the Priority Project List or Schedule were requested during the quarter. The list remains as submitted with the 2024 Q1 report as follows:

1. O&M Contract

- a. Establish, support, and maintain a contract(s) for operation and maintenance of the System. The contract must establish clear level of service goals including minimum appropriate staffing in accordance with Miss. Admin. Code § 15-20-72.2.2.1(5) and all applicable laws and regulations.
 - Phase 1 – Contract operations for both plants and wells based on open-book cost plus model. This phase allows for continued negotiations to long-term contract while contractor is learning more about costs to operate to start by **March 2023**
 - Phase 2 – Contract operations of complete system – including distribution system with an initial 5-year term with options to renew. ~~July 2023~~ **New Date 10/31/2023 in Q1 report. Continuing to address liability concerns with ISO Parties and legal teams. New target date December 31, 2023, subject to resolving liability concerns. Ongoing discussions with DOJ and EPA regarding liability concerns of Jacobs with a long-term contract continue to delay this project. New target date is July 1, 2024, for a long-term contract (10-years) with Jacobs for water treatment plant O&M.**

2. Winterization of system – This project completes work in progress as of the effective date. This work was contracted by the City of Jackson. JXN Water is managing these contracts through Jacobs Consulting. This work is almost complete and Jacobs is reviewing the plants for any gaps and will provide a detailed assessment of any needed further measures.

- a. Develop and implement to the extent funding and schedule permit a comprehensive plan to properly winterize both O.B. Curtis and J.H. Fewell.
 - Short term immediate measures – **March 2023**
 - Plan for longer-term measures – **July 2023**
 - Implement plan for winter 2023/2024 – **December 2023**
- b. Complete membrane winterization project.
 - ~~August 2023~~ **Winterization is complete. Final close out underway. Foundation issues discovered that may delay closeout. Timing for correction of these defects cannot be estimated at this time.**

3. Corrosion control – This project was originally intended to complete the projects that were under construction as of the ISO effective date. A full review has resulted in JXN Water requesting a change from the approved OCCT from the MSDH. Approval is anticipated based on discussions with MSDH and implementation will be complete by the end of Q4.

- a. Address any outstanding issues impeding full implementation of optimized corrosion control treatment (“OCCT”) at J.H. Fewell and O.B. Curtis, and complete implementation of such OCCT as required by MSDH and consistent with the MSDH-approved OCCT plans to meet State-approved water quality parameters.

- ~~September 2023~~ **Lead time on equipment slowed the completion of the JH Fewell OCCT. This system was completed in October 2023 and put into full operation in December 2023. Re-evaluation of the approved OCCT plan for OB Curtis resulted in changing from the Soda Ash based system to liquid lime and CO2 (matching the OCCT for JH Fewell). A request for approval of that change was submitted to MSHD in December 2023 and implementation is moving forward in anticipation of approval. Completion of the OCCT at OB Curtis (assuming MSDH approval) will be ~~June 30, 2024~~ December 2024.**

4. **Alternative water source plan**

- a. Implement an Alternative Water Source Plan (“AWSP”) including entering into agreements for the immediate provision of alternative water - at least one gallon per person per day. **A revised plan scope was submitted to EPA on September 19, 2023. EPA and MSDH provided no comments within the 20-day comment period. The new scope is as follows: Implement an Emergency Water Supply Plan to provide pressurized temporary connections and tanker truck supplied potable water to customers impacted by JXN Water work on the distribution system or as a temporary measure until distribution system improvements can be completed.**

- **The plan was implemented effective September 30, 2023**

5. **System Planning and Stabilization**

a. **Distribution system**

- b. Develop a plan for EPA review and approval for distribution system study and analysis to include at a minimum: ~~Plan submittal July 2023 (within 60 days — no schedule adjustment required)~~ **Development of this plan was slowed by the need to complete mapping and the hydraulic model before the study and analysis could be completed. This work was further slowed by the extensive engineering effort required to assist with leak detection and “find and fix”. The model became functional in November 2023 and the study and analysis is proceeding with a technical memo submitted in Q1 2024.**

- I. A GIS-based dynamic hydraulic model
- II. Valve and hydrant location and assessment, including valve size
- III. An asset management system
- IV. Water loss identification and reduction
- V. System operation optimization and configuration standards
 - 1. Pressure study – HGL analysis
 - 2. Implement pressure control/pressure zones/booster pumping as recommended and as funding and schedule permit.

operation.

- **February 2023** – Complete to operate in accordance with Jacobs’ safety protocols.

b. Develop and implement plan to eliminate use of gaseous chlorine at O.B. Curtis.

- **Plan has been developed and design started to be accomplished in coordination with PP 8. Design is at 90 percent. Construction schedule to be refined by CMAR in Q2 2024.**

10. Intake Structure Repairs

a. Assess and repair, as necessary, the intake structures at J.H. Fewell and O.B. Curtis, including, but not limited to, sensors (including related remote SCADA capabilities), chemical feed systems, valves, electrical components, screens, physical structure, and any appurtenances, to return the intake structures and related components to fully operational status.

- ~~Complete December 2023 – JHF scope may be much more complex and if so – a specific schedule will be developed once assessment is complete in Summer 2023.~~
- **This has been delayed by other priorities at the OB Curtis Plant. Jacobs will begin assessment and design in early 2024 with an estimated completion date of December 2025 due to the slow SRF funding process.**

11. Treatment facilities (J.H. Fewell and O.B. Curtis as applicable) unit processes and pumps – evaluate performance and restore redundancy – **Start Dec 2022 with assessment by JACOBS. Work accomplished throughout 2023 in coordination with JACOBS as contract operator. No completion date can be established until the extent of repair/remediation/replacement work can be fully determined.**

- a. Membrane system
- b. Raw water pumping and screening
- c. Oxidation basins
- d. Rapid mix
- e. Flocculation and sedimentation
- f. Sludge removal
- g. Filters
- h. UV
- i. Transfer pumping
- j. High service pumping

12. **Sludge assessment in all finished water storage facilities**

- a. Assess sludge levels and remove as required. Develop operating procedures to minimize future sludge accumulation in all finished water storage facilities.

Assessment June 2023 – Assessment could not be completed. Divers met with JXN Water staff and Jacobs on site to plan assessment and determined the treatment facilities are unable to safely shut down for the time required for the divers to perform assessment. This project will be re-evaluated at the end of 2024. Accomplishment is dependent on continued progress on distribution system repairs and plant redundancy.

~~Removal, if required, December 2023~~

13. **Resilient power plan**

- a. Assess power vulnerability throughout the system and develop and implement a plan to address issues identified in the assessment, as funding and schedule permit.

Assessment September 2023. Technical Memo to be submitted Q1 2024. Initiating design to be accomplished under SRF. Schedule of construction yet to be determined.

M. Project Status Updates

Table 5. Status Updates from JXN Water

Status Change Quarter Ending June 30, 2024	Status Quarter Ending June 30, 2024	Delays	Projection of Work Ending Quarter Ending September 30, 2024
Entire System Stabilization			
Continued stabilization actions	<p>JHF Flow Control (West) -Began replacing valves on Fewell west side to allow control of finished water flows.</p> <p>Completed tie in of new 48" transmission to existing 16" transmission at Rankin Street.</p> <p>Completed tie ins on Riverside Drive new 36" transmission</p> <p>Completed construction of 30" transmission main repair running along Woodrow Wilson south to Fortification Street.</p> <p>Completed expansion of pressure monitoring system and connected pressure monitors to VT Scada platform.</p> <p>Launched new work order and asset management software for water maintenance.</p> <p>Improved functionality of Forest Tank to allow flowthrough and turnover.</p> <p>Continued acoustic leak detection program.</p> <p>Continued evaluation of distribution system and implemented corrective actions to further stabilize the system.</p> <p>Continued to coordinate with plants to set system pressure requirements and goals.</p> <p>Continued evaluation of high-pressure areas (consistent water line breaks) for valve closures.</p> <p>Continued systematic replacement of inoperable fire hydrants.</p>	None	<p>JHF Flow Control (West) -Complete replacing valves on Fewell west side to allow control of finished water flows.</p> <p>Complete tie ins on new 48" transmission between High Street and Rankin Street.</p> <p>Kickoff subsurface leak program.</p> <p>Complete tie ins on 20" transmission at MMC Railyard.</p> <p>Continue expanding work order and asset management software to collect more attributes and data.</p>

South Jackson System Stabilization			
Continued stabilization actions	Continued small line (2") replacements. Pressure continues to improve in South Jackson, ties ins completed in Q2 added another 3-4 psi to already improved pressure. Continued evaluation of distribution system and implemented corrective actions to further stabilize the system. Continued pressure checks along known transmission water lines to verify elevation/grade levels historically. Continued to test water quality from hydrants on transmission lines to verify the corresponding treatment plant for the area and the quality of that water. Continued to search known water line maps to find valves that could be causing pressure build-up or stagnant water based on field findings.	None	Complete first small line replacement pilot project.

PPL	Description	Status Change Quarter Ending June 30, 2024	Task Order(s) Quarter Ending June 30, 2024		Summary of Work Quarter Ending June 30, 2024	Summary of Delays Encountered	Projection of Work Quarter Ending September 30, 2024
1	O&M Contract	O&M contractor progressing work.	Operations Consulting Support and Safety Audit	Jacobs	General Continued recruiting and hiring activities according to plan: 48 filled positions of 66.5 total planned positions. Added summer interns. Completed quarterly and annual sampling: - Completed sampling for crypto and giardia. - Completed radiological sampling. - Completed PFAS (poly fluoroalkyl substances) sampling for all source waters. No detections. WTPs		Focus on backfilling maintenance staff positions. Receive acknowledgement from state for bin reassignment for crypto and giardia at JHF. Waiting on states response for radiological sampling frequency.
			Operations Consulting Support and Safety Audit (Amendment 1)	Jacobs			
			O&M Secondment	Jacobs			
			O&M Secondment (Amendment 1)	Jacobs			
			O&M Secondment (Amendment 2)	Jacobs			
			O&M Phase 2	Jacobs			

			O&M Materials Procurement	Jacobs	<p>Completed design for repair of portion of the main entrance road to OBC to maintain access for plant personnel and deliveries.</p> <p>Continued pulling, repairing, and returning to service raw water pumps, high service pumps, transfer pumps, and blowers to further stabilize the plants.</p> <p>Continued flushing and inspection of distribution tanks.</p> <p>Working with JXN Water and others to support the optimization of storage and distribution while maintaining water age and quality.</p> <p>Started remote membrane monitoring system at OBC.</p> <p>Completed majority of installation of new chlorine feed equipment and remote monitoring at all six wells.</p> <p>Completed membrane maintenance clean system at OBC.</p> <p>Temporary fluoride feed systems in place at OBC and JHF.</p> <p>Initiated Clearwell inspections at OBC.</p> <p>Initiated modifications of ammonia and chlorine flow pacing at OBC</p>	<p>Initiate entrance road repair at OBC.</p> <p>Continued with pulling, repairing, and returning to service raw water pumps, high service pumps, and transfer pumps, and blowers to further stabilize the plants.</p> <p>Continued flushing and inspection of distribution tanks.</p> <p>Work with JXN Water and others to support the optimization of storage and distribution while maintaining water age and water quality.</p> <p>Complete installation of remaining membrane train cyclic valves at OBC.</p> <p>Finalize installation of new chlorine feed equipment and remote monitoring at all six wells.</p> <p>Finalize modifications of ammonia and chlorine flow pacing at OBC.</p> <p>Initiate repairs of Clearwell at OBC as part of other project sequencing.</p>
			O&M Condition Assessment	Jacobs		
			O&M Evaluation	Jacobs		
			O&M Staff Augmentation (Amendment 1 and 2)	Jacobs		
			O&M Phase 2 (Amendment 1)	Jacobs		
			O&M Phase 2 (Amendment 2)	Jacobs		

2	Winterization	Project construction is completed.	OBC Winterization Project – Construction Contract OBC Winterization Project – Final Reconciliation Change Order OBC Membrane Building – Construction Contract	Hemphill	Winterization Construction is complete and MSDH has completed their walkthrough, closeout is pending. Membrane Building Complete and final reconciliation change order and closeout is in process. MSDH has completed their final walkthrough.	Delays related to the CO2 Tank pad location and decision on soda ash and dehumidification scope of work impacted project completion date.	Winterization Project construction is completed. Administrative project closeout. Membrane Building Project construction is completed. Administrative project closeout. 1.
3	Corrosion Control - JHF CO ₂ Chemical Feed Equipment Project Construction	JHF CO ₂ Chemical Feed Equipment Project Construction Project construction is completed.	JHF CO ₂ Chemical Feed Equipment Project Construction Contract JHF CO ₂ Chemical Feed Equipment Project – Change Order #1 – Water Line Repair and Isolation JHF CO ₂ Chemical Feed Equipment Project – Change Order #2 - Sump Pumps at Lime Silo Containment Area JHF CO ₂ Chemical Feed Equipment Project – Change Order #3 - Transformer Deletion and CO2 Tank Orientation Change JHF Corrosion Control - Site Paving and Storm Drainage Improvements – Change Order #4 JHF Corrosion Control -	Hemphill	JHF CO₂ Chemical Feed Equipment Project Construction Construction is complete and MSDH has completed their walkthrough, closeout is pending.	JHF CO₂ Chemical Feed Equipment Project Construction Equipment procurement delays have added 27 days per Change Orders 1, 2, and 3.	JHF CO₂ Chemical Feed Equipment Project Construction Project construction is completed. Administrative project closeout.

			Final Reconciliation Change Order – Change Order #5				
3	Corrosion Control – OBC Liquid Lime	Consultant progressing work status	<p>Corrosion Control – OBC Liquid Lime Modification and Redesign of the Liquid Lime and Carbon Dioxide System to Optimal Corrosion Control Treatment at OBC – (Task Order #7)</p> <p>Supplemental Agreement 01 – OBC Chemical Feed - Preconstruction Services</p>	Jacobs	<p>Corrosion Control – OBC Liquid Lime</p> <p>Prepared 90% Design Drawings and constructability reviews.</p> <p>Initiated procurement of major equipment items.</p>	<p>Corrosion Control – OBC Liquid Lime</p> <p>None.</p>	<p>Corrosion Control – OBC Liquid Lime</p> <p>Complete 100% design. Procure remaining items. Prepare operations for construction phasing.</p>
5a	Distribution Plan for EPA Review and Approval	Completed plan and submitted to JXN Water.	N/A – Plan included in already existing Task Orders for Distribution Work	Stantec / Jacobs	No action this period.	None.	Continue to advance efforts outlined in the submitted plan.
5.a.i.1	Hydraulic Model System Analysis	<p>Consultant progressing work.</p> <p>TO1 Amendment 3 was approved by JXN Water which included scope and budget to build an all-pipe model based on the GIS Network, on-going</p>	Development of data analysis, hydraulic modeling, and alternative analysis.	Stantec	<p>Data Collection</p> <p>Continued gathering data for hydraulic model development as data becomes available.</p> <p>Stantec installed new pressure loggers and relocated the existing loggers to an underground tap. There are a total of 52 loggers although 8 loggers need repair. Stantec continued analyzing data and identified data gaps and technical issues with the LEC/IQ2 platform. Stantec downloaded the data from the platform weekly and imported it into a spreadsheet for ease of reviewing.</p> <p>Hydraulic Modelling</p> <p>Submitted the Model Build and Pressure Zone Boundary Analysis technical memorandum (TM) to JXN Water on June 21, 2024. This TM discusses the model build progress to date, model calibration and the pressure zone boundary analysis.</p> <p>Stantec updated the model based on the April 2024 operation and performed a model validation.</p>	None.	<p>Continue collecting, documenting, and analyzing data for hydraulic model development.</p> <p>Continue updating the model based on newly acquired data and information discovered in the field.</p> <p>Update the model to be an all-pipe model and perform field testing to recalibrate the model.</p> <p>Submit the transient (surge) analysis of the distribution system and identify mitigation measures for water hammer in the system</p>

		model analyses and installation of new pressure monitors.			<p>Stantec began the process of rebuilding the pipe network based on the latest GIS database. This included reviewing the GIS database and providing comments to the GIS team with the goal of having a one-to-one relationship between the model and the GIS. Stantec also began analyzing the latest meter data to update the existing demand in the model.</p> <p>South Jackson Alternative Analysis None this period</p> <p>Tank Analysis Stantec is drafting a TM summarizing the tank survey results and identifying discrepancies between existing data and survey. An aerial drone survey of the 14 tanks was performed during the last reporting period.</p> <p>Model Analysis The following model analyses were performed or are in progress: Flushing Program for Willowood, Water Analysis of the Groundwater System, Analysis of Presidential Hills EOVs, Highway 18 Tank out of service, Water Analysis of the Surface Water System, JH Fewell Offline.</p> <p>Surge Analysis Field testing was performed on April 2, 2024. Stantec analyzed the data and is progressing with the analysis.</p>		that may be causing new water leaks. Continue performing model analyses as requested by JXN Water
5.a.i.2	Master Plan	<p>Proposal submitted and approved by JXN Water</p> <p>TO 20 was approved by JXN Water which included scope and budget to perform complete</p>	Development of a Water Masterplan	Stantec / Jacobs	<p>Developed level of service criteria and existing demand criteria.</p> <p>Coordinated with Jacobs on scope of work and prepared kick-off meeting agenda.</p> <p>Held a kick-off Meeting with JXN Water and Jacobs on June 18,2024.</p> <p>Continue to update and rebuild existing system model based on latest GIS mapping.</p>	None	Finalize level of service criteria, rebuild existing system model and complete existing system analysis, begin developing master plan documents to feed into draft plan.

		Water Master Plan and prioritized CIP list.					
5.a.i.3	Water Loss Investigations Pilot Studies			Stantec	Proposal being prepared – nothing to report this quarter		
5.a.ii	Valve and Hydrant Assessment	Consultant engaged and progressing work		Xylem/Wachs	Continued assessing valve condition in areas of concern. Completed the following repairs and field activities: <ul style="list-style-type: none"> Valves fully exercised: 769 (4118 Cumulative) Op nut repairs: 0 (48 cumulative) Uncovered: 119 (353 cumulative) Frozen repaired: 0 (11 cumulative) Position changed: 112 (551 cumulative) Hydrants: 317 (1338 cumulative) Leak Loggers Installed: 0 (23 cumulative) 	2.5 Days were delayed due to Equipment Issues 22.0 Days were delayed due to unplanned PTO or call out of work. 12.0 days were delayed due to inclement weather. 5.9 days were delayed due to Truck issues. 1.0 days were delayed due to mandatory training	Continue transmission main assessments and repair activities during the next quarter. Continue assessing the entire distribution system valves and hydrants and perform needed hydrant flow tests. Begin the Hydrant Painting Gain approval to resume installing Leak Loggers
5.a.ii.1	Altitude Valve Assessment	Proposal submitted and approved by JXN Water TO 07 included scope and budget to perform a	Assessment of altitude valves within the distribution system	Stantec	Management Valve Repair Program Site visits to the two electrically operated valves associated with the Presidential Hills were performed with the Jacobs operations team and JXN Water staff. The valves are not currently operating properly. The EOV's have been added to the list of altitude/control valves to be replaced / rebuilt.	Management Valve Repair Program Altitude valves requiring replacement have been identified. The project to replace the non-working altitude valves is included	Management Valve Repair Program Construction documents and bid specifications will be developed for the altitude valves listed as needing to be replaced. The anticipated bid is in Q2 2025. The altitude valve assessment task is expected

		field assessment of the altitude vales within the water distribution system				in the facilities update being submitted to the MSDOH. The facilities update will be submitted during Q2 2024.	to be completed during Q3 of 2024
5.a.ii	.2	Management of Leak Detection and Mapping Services	Consultant progressing work.	Management of Leak Detection Services, GIS Mapping, and Field Support Services	Stantec / Wachs Water	Leak Loggers Installed: 0 (23 cumulative)	
5.a.ii	.3	Valve Repair and Replacement	Draft Bid Package Awaiting SRF Funding availability	Replacement of inoperable valves	Stantec / Wachs	Valve Replacements Stantec is working with a condition assessment team (Wachs) to identify replacements. Stantec prepared preliminary bid packages to replace valves assessed as non-operational valves throughout the water system. Non-operational valves continue to be replaced as emergency projects as needed.	Valve Replacements Condition Assessment Completion SRF Funding Facilities Plan to be approved before projects can be bid on. Valve Replacements JXN Water to publicly bid projects and award Contractor(s). Anticipate non-emergency valve replacements to begin once SRF Funding has been allocated.
5.a.ii	.4	Hydrant Replacements	Draft Bid Package Awaiting SRF Funding availability	Replacement of inoperable fire hydrants	Stantec / Wachs	Hydrant Replacements Stantec is working with a condition assessment team (Wachs) to identify replacements. Stantec has prepared preliminary bid packages to replace hydrants assessed as non-operational throughout the water system. Non-operational hydrants have been replaced as emergency projects as needed.	Hydrant Replacements Condition Assessment Completion SRF Funding Facilities Plan to be approved before projects can be bid on. Hydrant Replacements JXN Water to publicly bid projects and award Contractor(s). Anticipate non-emergency hydrant replacements to begin once SRF Funding has been allocated.
5.a.ii	.5	Water taps	Consultant progressing work	Provide administrative support and construction management for new	Stantec	Details of the completed / ongoing activities: <ul style="list-style-type: none"> New water tap requests – 36. New sewer tap requests - 4. 	None The administration services and construction management are ongoing as

			water taps as directed by JXN Water staff.		<ul style="list-style-type: none"> New water meter downsize requests – 26. 60 water tap installations in progress		new applications for water taps are received
5.a.ii i.1	Development of Comprehensive GIS Map to support Hydraulic Modeling / Other Activities	Consultant completed mapping effort.	Technical management of GIS system map to support hydraulic modeling, the hydrant, valve and flushing / flow testing program, and operations and maintenance activities	Stantec	20000+ sheets digitized or reviewed comprising both transmission and distribution mains. All priority areas have been completed. Completed final review of sheets to ensure all have been reviewed and processed into the GIS or marked as no water assets as relevant. Created discrepancies layer to show issues to be resolved or addressed in the future. Task Order closed.	Quality and consistency of maps to be digitized. Considerable number (> 100) of unmapped / unknown valves; significant time to reconcile with existing data from drawings.	None, Task Order closed.
5.a.ii i.2	GIS Field Data collection and mapping services	Consultant completed GIS Field Data collection effort.	Technical management of GIS field data collection	Stantec / JXN Water	Completed final review of sheets to ensure all have been reviewed and processed into the GIS or marked as no water assets as relevant. Task Order closed.	None.	None, Task Order closed.
5.a.ii i.3	GIS Data Integration	New task	Support data integration to the GIS (Utility network database) from on-going and completed activities that created new spatial data or have asset locations that are captured in the GIS.	Stantec	New task for this upcoming quarter	None	Expected to integrate about 4000 modeling-based edits to refine the location and attributes of assets created from TO3 through existing record drawings. Incorporate new as-built information into the GIS completed during construction activities from project start. Support TO5 data integration. Support Sewer data migration to an enterprise

							geodatabase and utility network model.
5.a.i v	Distribution System Leaks – Find and Fix	Consultant progressing work.	Management of Leak Detection and Repair Program	IMS	<p>Evaluated backlog of known leaks (focus on pipe diameters 6 inches and smaller).</p> <p>Performing Driveby Windshield Leak Detection Survey of all roads in the JXN Water service area.</p> <p>Performed real time leak detection and issued Work Orders to Contractors.</p> <p>Provided Summary Update of program progress.</p> <p>Provided Quarterly Update of Program progress.</p>	None	<p>Continue to progress project and issue repair work orders.</p> <p>Continue real-time leak detection identification.</p> <p>Continue PM Field Related Activities.</p> <p>Continue 2nd Drive-by Windshield Leak Detection Survey of all roads in the JXN Water service area.</p>
5.a.i v.1	Water Distribution – Asset Information	Continuing Work Task Order Addendum Submitted for Document Management	Development of Asset Management system to support operations activities.	Stantec	<p>Determined consequence of failure (COF) data requirements for the water distribution asset portfolio.</p> <p>Calculated current condition of valves and hydrants into GIS.</p> <p>Onboarding a subconsultant, Micro Blueprint to scan historical utility documents known as “scrolls.”</p> <p>Documented asset definitions and asset hierarchy for water distribution.</p> <p>Continued determining likelihood of failure (LOF) for Risk utilizing condition data.</p> <p>Calculate Benefit-Risk Evaluation (BRE) for valves and hydrants</p>	None	<p>Develop workflows with GIS to create a continuous asset information update cycle.</p> <p>Determine business requirements for document management.</p> <p>Complete TM for methodology for calculating BRE for water distribution assets and processes to keep the data identified for asset risk populated.</p> <p>Finish scanning the scrolls and provide links to these historic documents in GIS.</p>
5.a.i v.2	Water Distribution - Cartegraph – Post Go Live Support	Addendum Being Prepared	Information and Asset Management Addendum 02	Stantec	<p>Rolled out Cartegraph to Inspectors and Maintenance Contractors including piping, pavement, and meters.</p> <p>Enhanced data collection features in Cartegraph.</p> <p>Mapped workflows between Billing and Cartegraph</p>	None	<p>Complete workflows and perform Cartegraph configurations with Billing.</p> <p>Enhance data collection features in Cartegraph</p>

5.a.i v.3	Sewer Collection Asset Information	Began Work	Information and Asset Management Addendum 01	Stantec	Began configuring Cartegraph for Sewer Collection. Drafted a method for incorporating sewer GIS data into the Utility Network Began determining Level of Service Technical Memo with relevant key performance indicators (KPI) for sewer. Began determining LOF for sewer collection assets.	None	Go Live with Cartegraph for Sewer. Load GIS Sewer Data into the Utility Network to Go Live Train Jackson Water staff on editing in the Utility Network for Sewer
5.a.v .1	Management of Leak Detection and Repair Program	Consultant Progressing Work	Management of day-to-day water maintenance and Repair of Water System Leaks	Stantec	Stantec is providing management and inspection services associated with the small diameter leaks for JXN Water. Stantec is working with IMS Consulting to triage and assign the leaks to the appropriate contractor and provide onsite assistance with safety and QA/QC of the work being performed.	None	Continue to provide management and inspection services.
5.a.v .2	Management of Identification and Repair of Major Water System Leaks	Consultant progressing work.	Management of Identification and Repair of Major Water System Leaks	Stantec	48-inch main break on former Colonial Country Club Project complete.	N/A	Project complete.
					48-inch ARV leak on East Beasley Road ARV Installed and tested	N/A	Project complete.
					30-inch main break crossing Town Creek at Fortification and Prentiss Streets Project construction is nearly complete. Waterline installed and in-service.	Contractor availability to complete due to other emergency work.	Anticipate repairs to complete end of July 2024.
					20-inch break on railroad easement south of Fortification Street – The bore under the railroad is complete with installation of casing under KCS Railroad, pipe installed but not tied in. Pipe needs to be tied into existing pipes and brought on-line.	Mobilization time slower than expected.	Pipeline replacement is anticipated to be completed by the end of July 2024.
					Pipe and Valve Replacement @ Intersection of Prentiss and Fortification Pipe installed, tested, and tied in. Final paving and restoration to be completed.	Contractor availability to complete due to other emergency work	Anticipate repairs to complete end of July 2024.

				<p>Northside Dr 24-inch Valve Replacement and Chastain Dr. Valve Replacements Two new valves and associated piping were installed, and the site has been restored.</p>	N/A	Project complete.
				<p>20-inch Pipe Replacement Emergency (Fortification – Palmyra to Prentiss) Pipe installed, tested, and tied in.</p>	N/A	Project complete.
				<p>20-inch Pipe Replacement Design (Fortification – Prentiss to I-220) Stantec is working on 90% design to replace pipeline. Stantec has prepared a pothole plan and potholing is on-going. Stantec required some additional soil borings for various RR Crossings. Stantec is waiting for new soil borings to be completed and geotechnical reports to be prepared for boring design at RR crossings to begin.</p>	<p>Railroad easement access permissions and permits need to be obtained. SRF Funding Facilities Plan to be approved before project can be bid on.</p>	<p>Continue to work with Railroad for easement access permissions and permits. Project design completion is anticipated by October 2024.</p>
				<p>30-inch Pipe Design (Gallatin & McDowell) Stantec is working on 90% design to replace pipeline. Stantec completed potholing based on the preliminary alignment. Stantec prepared several options to bore across MDOT ROW along Gallatin and is coordinating with MDOT of preferred option. Structural analysis of existing aerial crossing completed.</p>	<p>Railroad easement access permissions and permits need to be obtained. New easements will be required to be obtained for RR Crossing. SRF Funding Facilities Plan to be approved before project can be bid on.</p>	<p>Complete design and specifications for public bidding and procure Contractor. Anticipate repairs to begin September 2024.</p>
				<p>20-inch Pipe Design (Siwell Rd - McClure St to Terry Rd) Site survey completed. Stantec preparing preliminary alignment and potholing plan.</p>	<p>SRF Funding Facilities Plan to be approved before projects can be bid on.</p>	<p>Complete design and specifications for public bidding and procure Contractor. Anticipate repairs to begin November 2024.</p>
				<p>30-inch Pipe Design (West St and Rankin Rd) Site survey and geotechnical investigations completed.</p>	<p>Railroad easement access permissions</p>	<p>Complete design and specifications for public</p>

					Stantec preparing preliminary alignment and potholing plan.	and permits need to be obtained. SRF Funding Facilities Plan to be approved before project can be bid on.	bidding and procure Contractor. Anticipate repairs to begin December 2024.
					Merit Hospital Fire Line Connection Pipeline Design (Project No. 2309) - 5 Percent Easement research and coordination completed. Existing easement cleared to allow access for survey/potholing needed to begin pipeline design. Pothole and survey proposed alignment to be completed.	SRF Funding Facilities Plan to be approved before projects can be bid on.	Anticipate design completion for public bid by September 2024.
5.a.v	Sample Tap / Station Replacements	Construction Ongoing	Replacement of existing sampling stations	Stantec	Sampling Station Replacements The contractor has completed sample station replacement of Package 1 and is working to complete Package 2.	None.	Anticipate project to be completed by September 2024.
5.a.v	Develop Standard Details & Specifications for 2-Inch Water Main Replacement Pilot Project	Construction ongoing	Contractor working through project. Inspection and documentation are going well.	Stantec	Pilot project – NTP awarded to Wicker Construction on 02/26/24. Project construction has started. Waterlines are completed on Dovewood Drive, Woodburn Drive and Kentwood Drive. Water lines are being tested on Lakewood, and Longwood Ct. Sewer is complete on Lakewood Drive and Woodville Drive.	The contractor has experienced some delays due to existing waterlines not being in locations shown on the plans and difficulty finding working valves to control the water when making new connections.	Contractors should be close to completing installation of water and sewer lines by the end of September.
5.a.v	Distribution System Small Main Replacement	Consultant progressing work.	Development of Engineering Standard Details and Specifications for 2-Inch Water Main	Stantec	Choctaw Village Water & Sewer Replacement Design (Project No. 2310) 90% Design completed and reviewed. Water and gas line potholing in Choctaw Village completed. Stantec is completing 100% design.	SRF Funding Facilities Plan to be approved before projects can be bid on.	Design and specifications will be completed for Choctaw Village, and the project will be publicly bid. Anticipate project to be ready for bidding by July 2024

			Replacement Pilot Project Management of Leak Detection and Repair Program.	Sewer lines adjacent to waterline replacements have been inspected using CCTV and manhole inspections have been completed and reviewed. Recommendations for replacement to begin sewer have been determined and design of sewer replacements in streets is at 90%.		assuming funding is SRF allocated.
				Broadmoor Area Water & Sewer Replacement Design (Project No. 2311) - 1 percent Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.
				Brown Street Water & Sewer Replacement Design (Project No. 2312) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.
				East Oak Forest/Emerald Hills/Emerald Acres Water & Sewer Replacement Design (Project No. 2322) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.
				Oakdale Water & Sewer Replacement Design (Project No. 2323) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.
				Westside Park Water & Sewer Replacement Design (Project No. 2327) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.
				Surface Restoration Projects Water & Sewer Replacement Design (Project No. 2328) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.	SRF Funding Facilities Plan to be approved before project can be bid on.	Anticipate project NTP on design work in Q4 2024.

					<p>Briarwood Water & Sewer Replacement Design (Project No. 2329) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.</p> <p>Canton Heights Road & North Colony Water & Sewer Replacement Design (Project No. 2330) Stantec is preparing design scope and fee. Not a contracted project yet. Potholing completed to confirm line size and location.</p>	<p>SRF Funding Facilities Plan to be approved before project can be bid on.</p> <p>SRF Funding Facilities Plan to be approved before project can be bid on.</p>	<p>Anticipate project NTP on design work in Q4 2024.</p> <p>Anticipate project NTP on design work in Q4 2024.</p>
5.a.v ii.1	Lead Service Line Inventory	Consultant progressing work.	Management and field services in detecting and inventorying of lead service lines. Inventory development and predictive modeling Planning and performing lead or galvanized service line replacements.	Stantec / Ace Pipe Cleaning / BlueConduit / Jacobs / Wicker	<p>1,401 potholes have been dug at 510 sites (schools and residential/commercial properties) to date. 453 potholes dug at 195 sites during Q2 2024.</p> <p>Coordination meetings with Blue Conduit (predictive modeling), Ace Pipe Cleaning (potholing contractor), HDR (public relations), and Jacobs (water quality testing). Bi-weekly Lead Program Compliance meetings were held between JXN Water, Jacobs, and HDR. Meeting with MSDH was held.</p> <p>LSL Replacement Management Dashboard in Esri is being reconfigured so that all information related to replacements can be centralized here, which includes communications tracking, replacement planning, replacement data/results, and follow-up sampling planning and results.</p> <p>Replacement of galvanized service lines at three Jackson Public Schools have been coordinated and planned with JPS. Follow up field investigation and internal building investigation has taken place.</p> <p>Initial inventory setup. Multiple data sources were brought into the LSL Inventory Solution within Esri. Initial results delivered to BlueConduit for predictive model run.</p>	Predictive modelling is taking longer than expected.	<p>Continued Lead Service Line Inventory Esri Solution updates periodically. Working with predictive modeling consultant BlueConduit to perform multiple model runs.</p> <p>Continued lead or galvanized service line replacements, if encountered.</p> <p>Finalize inventory by the end of the quarter for final reviews, prior to October 16, 2024, EPA deadline.</p> <p>Strategize and begin implementing process to host public-facing lead service line map on JXN Water website.</p>
5.a.v iii.1	Ongoing Construction Owners Representative	Consultant progressing work	Oversight over two projects: Riverside Drive Improvements, and 48-in transmission line installation.	Stantec	The work to complete the final system tie-ins for the 48" water line project is ongoing. The tie-in and Rankin St. Is complete. There are two locations remaining.		For the Riverside project work to complete the hardscape restoration is ongoing. The anticipated

					The new 36-in water line on Riverside is completed and in service, work continues for hardscape restoration and completion of the project.		completion date for all work is August 2024. For the 48" Water Line project there are two locations remaining to complete the final tie-ins for the project. Commissioning of the completed portions of the 48-in transmission main expected Q4 2024. Design changes to the original 48-in water line route are being considered by the design team.
5.a.v iii.2	Rate Modeling Support	Consultant progressing work.	Technical support in the analysis, development, and implementation of new water rates.	Stantec	Updated rate modeling with latest billing data refined by Horne & BOSS team. Prepared summary technical memorandum documenting our approach to evaluating the proposed rate structure and the billed revenue potential of the proposed rates.	None.	Support further development of draft rate design summary for JXN Water, and updates to billed revenue estimation, as appropriate.
5.a.v iii.3	Bid Standards and PreQual Support	Consultant progressing work.	Support JXN Water in identifying and setting up an online bidding system	Stantec	JXN Water contracted with the recommended bidding/prequalification service, PlanetBids.	None.	Continue supporting JXN Water in implementing online bidding support service.
5.a.v iii.4	Water Meter Install Verification	Consultant progressing work	Field Verification of all Kamstrup meters including sub-foot GPS location, serial number, and photos.	Stantec / SOL / ACE	Successfully verified 4,395 meters, totaling 54,973 verified meters. Identified 5,737 potential inaccessible meters and began developing the process for Stantec to reconcile them. Finalized change order with SOL for reshoots and serial number validations. Stantec trained SOL on the Reshoot process and SOL successfully reshot all 3,122 poor accuracy meters. Stantec trained SOL on the Serial Number Verification process and SOL verified 372 serial numbers. Stantec has a team of GIS specialists who are quality reviewing serial numbers based on the photos. Anticipated QC completion is July 26, 2024	An excessive number of errors found in the collected Serial Numbers. Additional QC is now in place to enhance data quality.	SOL to complete first pass of meter verifications – verify all remaining easily accessible meters. Complete Serial Number QC process. Finalize plan for Stantec to reconcile inaccessible meters and begin field verification.

5.a.v iii.5	SRF and Facilities Plan Support	Draft Submitted for review	Preparation and approval of 2024 Facilities Plan to MSDH	Stantec / Benchmark	Draft 2024 Facilities Plan and cost estimates completed. Submitted to MSDH for review and approval.	None	Finalize 2024 Facilities Plan and prepare information for individual project review and SRF funding.
5.a.i x	Corrosion Control Renewal	Consultant progressing work.	Review of Designs and Related Studies (Task Order #7) Corrosion Control Desktop Study (Task Order #5) Corrosion Control Desktop Study (Task Order #5 Amendment #1)	Jacobs	Desk-top Study: Reviewed report with JXN Water, Stantec, and HDR. Corrosion Control Treatment: Advanced liquid lime system design and initiated procurement of portion of liquid lime system equipment. Coordinated with CMAR during design. Continued optimization of JHF liquid lime and CO2 system performance. Developed holistic plan for compliance with Lead and Copper Rule Revision and Lead and Copper Rule Improvements regulations.	Desk-top study: No additional delays beyond those outlined in prior quarterly report pertaining to lack of available historical data and required efforts for data collection and sampling delays due to security issues in the field. Corrosion Control Treatment: Schedule for implementation of liquid lime and CO2 for OBC dependent on MSDH approval timeline to initiate equipment procurement.	Finalize Desk-top study report. Procure additional liquid lime equipment. Coordinate with operations on sequencing to support construction. Continue optimization of JHF liquid lime and CO2 system performance. Advance plan for compliance with Lead and Copper Rule Revision and Lead and Copper Rule Improvements regulations.
		Initiated work. Issued task order to consultant	Third Party Review of Corrosion Control Desktop Assessment (Task Order #4)	HDR	HDR completed a 3 rd party peer review of Jacob's corrosion control desktop assessment and transmitted comments.	None	Complete a final review of Jacob's corrosion control desktop assessment.
6	System Stabilization & Sustainability Plan – Water Treatment Plants, Wells,	Consultant progressing work.	None, initial planning work progressing under existing task order.	Jacobs	Updated Capital Improvement Plan (CIP) based on additional information and assessments on WTP and wells and assessment of tanks. CMAR is under contract for pre-construction and mobilization for CIP activities. Advanced plan for potable well sites.	None.	Complete first phase of assessment for JHF conversion to Pump Station. Finalize recommendations for potable well sites.

	and Tanks Capital Improvement Plan				Initiated detailed assessment for JHF conversion to Pump Station		
7	SCADA Improvements	Consultant progressing work.	SCADA, Operational Technology and Cybersecurity Schematic Design (PSA Task Order #6).	Jacobs	Completed 30% level design effort. Initiated 90% level design effort.	None.	Complete 90% design effort.
8, 9	OBC and JHF Chemical Feed Improvements (including Chlorine System Replacement at OBC)	Consultant progressing work	Replacement of OB Curtis Chemical Feed Building System – Basis of Design Replacement of OB Curtis Chemical Feed Building System Change Order #2 - Survey and subsurface utility evaluation (SUE) will be required. The additional effort includes the following items: complete topographic, planimetric and Level C SUE of the entire OB Curtis WTP site. Replacement of OB Curtis Chemical Feed Building System Change Order #3 - Incorporation of additional geotechnical borings and geotechnical report to support design of chemical feed systems.	HDR	Responded to CMAR, Jacobs, and JXN Water 90% comments. Prepare and conduct 90% virtual workshop with JXN Water, Jacobs, and CMAR. Submitted 90% OPCC to JXN Water and Jacobs. Reviewed CMAR schedule. Assisted JXN Water and Jacobs with submitting design to Mississippi Department of Health. Reviewed partial second set of De Nora shop drawings. Finalized 100% design, signed, and sealed issued for bid contract documents. Assisted Jacobs with SRF loan funding information and public outreach. Continued coordinating with Jacobs on activities and informational needs. Reviewed CMAR's 90% cost estimate and provided review to Jacobs.	There were a few miscellaneous items added between 90% - 100% design. These additional items impacted the project deliverable by one week and impacted the project budget. These additional scope items are: 1. replacem ent of the Raw Water Pump Station (RWPS) local control panels. 2. outing fluoride piping over Clearwell	Assist Jacobs, JXN Water, and CMAR during bid phase. Prepare and issue design addendums during bidding. Assist Jacobs, JXN Water, and CMAR on awarding bid packages. Review CMAR's GMP. Review final set of De Nora shop drawings. Submit scope and fee for construction administration services. Begin construction administration services.

			<p>Task Order #1 Amendment #1 – Continue design through final design, including CMAR construction document production. Both chlorination system and ammonia system included in the design project</p>			<p>Nos. 1 and 2. 3. pare motors added to critical ventilati on fans in the Chemical Building. 4. evis electrical duct bank routing to avoid future lime facility conflicts. 5. equeste d coordina tion meetings by Jacobs to accomm odate future lime piping. HDR is currently</p>	
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						revising trench layout and design to accommodate future piping.	
11	Performance Evaluation and Redundancy Plant Treatment Processes Restoration	Subject work completed.	Operations Evaluation at OBC and JHF – Phase 1 (MSA Task Order #3) Condition Assessment at OBC – Phase 1 (MSA Task Order #2)	Jacobs Jacobs	Phase1 complete in Q1 2023.	None.	Phase1 complete in Q1 2023.
11	Source Water Quality/Treatability Characterization Study (OBC and Barnett Reservoir)	Consultant progressing work.	OBC Raw Water Characterization and Treatability Study (Task Order #6) Process Hydraulic Assessments at OBC and JHF and JHF and OBC Raw Water Characterization and Treatability Study (Amendment 1)	Jacobs	None. Completed.	None.	None. Completed.
11.a, g	OBC Filter Conventional and Membrane	Contractor progressing work.	Filter Rehabilitation Contract for OBC OBC Filter Rehabilitation – Change Order #1 - Valve and Actuator Manufacturer Change and Sediment Basin	Hemphill	Filter Cell Rehabilitation – 1/3/5 Received majority of new valves for filter pipe gallery. Replaced influent and backwash valves for filters 1, 3 and 5 and waste valves in the pipe gallery. Filter Cell Rehabilitation - 2/4/6 Preparation work commenced. Materials on site.	Working through long lead times for procurement of equipment.	Complete underdrain, valve, and filter media replacement of remaining filters. Emphasis on Filters 2/4/6. Complete all 36” influent and backwash, 10” filter to waste, 24” manual and actuated effluent valves and systems.

			Drain Line Scope Reduction OBC Filter Rehabilitation – Change Order #2 - Incorporation of ARPA Language				
11.g	JHF Filters	Project construction is completed.	JHF Filters 24 and 26 Contract JHF Filters 24 and 26 Change Order # 1 – Concrete Crack and Leak Repair JHF Filters 24 and 26 Change Order # 2 – Filter to Waste Tie-in to Waste Gullet and 30-in Backwash Valve Replacement JHF Filters 24 and 26 Change Order # 3 – Final Reconciliation Change Order	Hemphil	Construction is complete and MSDH has completed their walkthrough.	Change Order 01 and 02 added 89 days to the contract.	Project construction is complete. Administrative closeout.
11.j	OBC High Service Pump VFD	Consultant progressing work.	Engineering/Design Support and Existing Contract Redesign Services (Task Order #4)	Jacobs	Due to ongoing improvements to the distribution system, the project has been suspended at 30% design level and will be reassessed for purpose and need at a later time.	None.	Project suspended.
12	Sludge Assessment at Finished Water Storage Facilities	Consultant progressing work.	Engineering/Design Support and Existing Contract Redesign Services (Task Order #4)	Jacobs	American Tank was engaged in June 2024 to inspect OBC and JHF WTP clear wells using a remote operated vehicle (ROV). System storage facilities are being assessed ongoingly.	Delays encountered prior to June 2024 due to operational reliability and resiliency to allow for inspection.	Start to implement results and recommendations from American Tank report.
13	OBC Electrical Resiliency and Reliability Evaluation	Initiated work. Issued task order to consultant	OB Curtis WTP Electrical System Reliability & Resiliency Evaluation (Task Order #3)	HDR	General project management. Addressed additional comments on final technical memorandum and resubmitted technical memorandum.	Project will be slightly under budget.	Obtain additional information from utility company on primary and secondary feeder failures. Submit

					Prepared for and conducted virtual presentation to discuss findings of technical memorandum. Researched standby generators and provided information to Jacobs and JXN Water. Followed up with utility company to obtain additional information on secondary feeder. Obtained failure data on primary and secondary feeder from utility company to understand reliability of backup power at the plant.		information to Jacobs and JXN Water. Closeout project.
Other	Plant Operations Program Management	Consultant progressing work.	Jackson Water Program Management Support (Task Order #2) Jackson Water Program Management Support (Task Order #2 Amendment #1)	Jacobs	Completed implementation of construction phase tools and processes. Continued managing delivery of services according to established processes and tools. Continued to improve processes and tools as needed to increase delivery efficiency. Managed and administered construction phase services. Continued updates of schedules, progress reports and dashboard. Continued communications support and coordination with JXN Water.	None.	Work with JXN Water to refine dashboard and Key Performance Indicators (KPIs)
Other	Forrest Hill Surface to Well Conversion	Subject work completed.	Engineering/Design Support and Existing Contract Redesign Services (Task Order #4)	Jacobs	Completed post-conversion sampling and analysis. Submitted draft report to JXN Water summarizing results of post-conversion sampling and analysis effort.	None.	Prepare final report summarizing results of post-conversion sampling and analysis effort.
Other	Strategic Communications Implementation and Creative Support	Consultant progressing work	Visual Strategy Social Media Management Website Management Video Updates As Needed Support, Advising and Consultation	HDR	Coordination with Jacobs on LCRR program management Created customer assistance fundraising materials and managed the visual strategy for customer assistance materials. Created expanded weekly digest reports for comments and media mentions. Created videos for Leak Education, Payment Arrangements, Water Academy Promo, Create Your Own Account. Formatting and design of the Q1 2024 Quarterly Report. Implementation of the communication strategy.	None	Continue supporting Water Academy cohorts. Complete LCRR program management outreach templates Manage quarterly direct mail newsletters for customer updates. Support earned, owned, shared, and paid media campaigns. Support paid media campaign for Spanish-

					<p>Managed all media relations, social media support for construction/emergency posts, boil water notices and lifts, and account administration, and JXNWater.com content updates (Doing Business with Jackson, lifts and notices).</p> <p>Managed communication, strategy, messaging, talking points and public education/engagement.</p> <p>Managed Quarterly Public Meeting support (May).</p> <p>Performed management of the JXN Water YouTube page.</p> <p>Provided as-needed communications and graphic design support.</p> <p>Provided guidance for an ongoing paid media campaign.</p> <p>Redesigned Consumer Confidence Report.</p> <p>Supported as-needed direct mail, public notice mailings and ITPM appearances.</p> <p>Supported integration of public scorecard into JXNwater.com and development of priority projects dashboard.</p> <p>Supported Social Impact Strategist implementation of JXN Water Academy launch.</p>		<p>speaking households (TV, radio, in-person).</p> <p>Provide creative support for quarterly public meeting (August).</p> <p>Continue development of priority project dashboard.</p> <p>Produce and submit community updates and educational videos.</p> <p>Continue YouTube platform management.</p> <p>Provide as-needed creative material support.</p>
Other	Construction Management Services for OBC and JHF	Consultant progressing work.	Construction Management Services for OBC Winterization and JHF Corrosion Control (Task Order #7) Amendment #1 to Construction Management Services (Task Order#7) General Construction Management Services (Task Order #3)	Jacobs	<p>Progressed onboarding of the CMAR. CMAR has initiated bidding packages.</p> <p>Continued improving, updating, and using construction project management system (Trimble ProjectSight).</p> <p>Monitored payment process to identify payment issues.</p> <p>Continued construction site visits for observation and inspection.</p> <p>Continued contract administration including payment application review, submittal reviews, answering RFI's, coordination with Plant Operations, writing requests for change proposals, developing work change directives and change orders.</p> <p>Attended and then conducted monthly construction meetings for each project.</p> <p>Coordinated with contractor, City of Jackson, MSDH SRF Coordinator, and JXN Water on contract payments and close-out activities.</p>	Final payment coordination has experienced delays working through City payment procedures.	<p>Provide ongoing construction management services throughout the quarter for the OBC Filter Rehabilitation project and construction efforts related to construction efforts conducted as part of ongoing facility maintenance.</p> <p>Provide ongoing construction management services for the JXN Water CMAR contract with an emphasis on OBC Liquid Lime, OBC Chemical Systems, and OBC Sedimentation/Flocculation Improvement Projects.</p>

				Completed all final construction close-out payments and paperwork for OBC Membrane Winterization project, OBC Winterization Project, JHF Corrosion Control, JHF Filter 24 and 26, and JHF Corrosion Control CO2 Equipment contracts.		
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Notes:

ARV = air release valve
 BIM = Building Information Modeling
 BODR = Basis of Design Report
 CIP = Capital Improvement Plan
 CMAR = Construction Manager at Risk
 CMMS = Computerized Maintenance Management System
 CO₂ = carbon dioxide
 GIS = Geographic Information System

GMP = Guaranteed Maximum Price
 MSDH = Mississippi State Department of Health
 NTP = Notice to Proceed
 O&M = operations and maintenance
 P&ID = piping and instrumentation diagram
 QA/QC – quality assurance/quality control
 RR = Railroad

SCADA = supervisory control and data acquisition
 SOP = standard operating procedure
 SRF = State Revolving Fund
 TM = technical memorandum(s)
 VFD = Variable Frequency Drive
 WCD – Work Change Directive
 WTP = Water Treatment Plant