



**Office of the Chief Executive**

735 Randolph Street, Suite 1900  
Detroit, Michigan 48226

April 23, 2025

The Honorable  
Board of Directors  
Great Lakes Water Authority

**RE: CEO Report – April 23, 2025**

Chairperson Miller and Directors,

With Spring having arrived, so has the wet weather season and our teams' focus on ensuring that our system functions as it should during the rain events that happen.

The first heavy rain of the season occurred over several days during the week of March 30, 2025. I want to thank our Wastewater Operating Services team members for their exceptional work handling the intense storms. The WRRF's permitted treatment capacity is 1.7 billion gallons per day. During the four days of the rain event, the wastewater system processed over 6.4 billion gallons, with the WRRF itself pumping the most it has ever pumped.

One group, in particular, that I would like to call out is the Wastewater Primary Maintenance Team, who did an outstanding job of ensuring equipment availability prior to the wet weather, so that at the peak of flow into the plant, every main lift pump and raw sewage pump was readily available. This provided maximum capacity and flexibility to Wastewater Operations, allowing them to utilize their resources elsewhere during the storm.

Fantastic job to everyone on the team, which is led by Team Leader John Clark and Team Leader-Planner Ned Yeager.

In early April, GLWA successfully undertook the condition assessment of GLWA's 120-inch transmission main, extending from the site of the 2022 break near our Lake Huron Water Treatment Plant to our Imlay Booster Pump Station. This assessment, which was a priority project of our Linear System Integrity Program, was conducted using the PipeDiver tool to perform an electromagnetic inspection of the pipe's reinforcing wires while the pipe remained in service.

The PipeDiver was launched on April 1st and traveled through the pipeline, propelled by the flow of the water to the Imlay Booster Pump Station, arriving 16.5 hours later. The inspection results will provide critical data that will help GLWA make well-informed decisions for the long-term management of this essential infrastructure asset – which is the largest water transmission main in the system.

As you know, one of my top priorities has been building connections with elected officials to advocate for GLWA and seek out potential resources to help us carry out the work we're doing to build resilience throughout the regional system.

Recently, Deputy Chief Executive Officer Bill Wolfson, General Counsel David Jones and I traveled to Washington, D.C. to meet with elected officials who serve at the federal level. While there March 30-April 1, 2025, we met with Congresswoman Rashida Tlaib and Congressman Shri Thanedar, as well as representatives from the offices of U.S. Senators Elissa Slotkin and Gary Peters, and U.S. Representatives Tom Barrett, Debbie Dingell, Lisa McClain, Haley Stevens, and John James. We rounded out the trip with a meeting with Dan Hartnett, the Chief Policy Officer for the Association of Metropolitan Water Agencies.

I am very pleased with how far we've come with this effort in the last three years. Legislators now know who GLWA is and better understand the critical need that exists for water and wastewater infrastructure investment.

Staying in the theme of outreach and education, GLWA recently conducted a virtual Regional Water System Overview to build a shared understanding of the system and its operations amongst Member Partners. Presentations were given by Systems Control Center Manager Anthony Troy and Water Engineering Director Tim Kuhns highlighting the water system's infrastructure components, as well as its interconnectedness and complexity. Their presentations also covered how system demands have changed over time and the long-term impact of pressures within the system on transmission mains.

Another recent outreach effort took the form of a Human Resource (HR) roundtable hosted by Organizational Development with GLWA Member Partners to introduce an opportunity to launch a water-focused Employer Led Collaboration using the Talent Pipeline Management model. Topics at the roundtable included the importance of building a talent supply chain, using data to drive talent pipeline strategy, and collaborating with community partners to address workforce challenges.

I will close out my report as I always do by recognizing outstanding accomplishments from within GLWA.

I'm very proud to report that a number of our talented Wastewater Operations and Conveyance Team Members have been honored as 2025 Michigan Water Environment Association (MWEA) and Water Environment Federation (WEF) awardees. Our honorees are:

- Navid Mehram – President's Award
- David McCord – Collections System Professional of the Year
- Major Gresham – Maintenance Professional of the Year
- Sajit George – Donald M. Piece Award
- Andrea Busch – P.K. Sarda Lab Professional of the Year

Congratulations to all on their well-deserved recognition!

## **PLANNING SERVICES**

### ***Enterprise Asset Management Group (EAMG)***

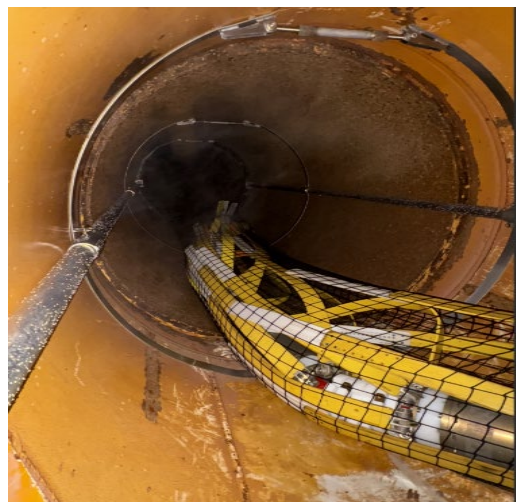
In early April 2025, the EAMG successfully led the inspection of the 120-inch transmission main, extending from the site of the 2022 failure—located approximately 0.5 miles to the west of the Lake Huron Water Treatment Plant—to the Imlay Booster Pump Station. This important condition assessment was conducted in partnership with GLWA’s Linear System Integrity Program consultant, HDR, and sub-consultant Xylem, using the advanced PipeDiver tool to perform an electromagnetic inspection of the pipe’s reinforcing wires while the pipe remained in service.



*GLWA contractors preparing the PipeDiver tool for insertion into the 120" pipeline*

This milestone represents the culmination of years of planning, and was executed with no disruption to Member Partners' water supply. The PipeDiver tool was launched on April 1<sup>st</sup> (see image, left) and traveled through the pipeline, propelled by water pressure to the Imlay Booster Pump Station—arriving 16.5 hours later. The tool was then safely retrieved later that week (see image, below).

EAMG extends its sincere appreciation to the GLWA Water Transmission, Resiliency, and Water Engineering teams, as well as our dedicated consultants and contractors, for their invaluable support. This inspection provides critical data that will enable GLWA to make well-informed decisions for the long-term management of this essential infrastructure asset.



*Image of the PipeDiver tool after it had been captured at Imlay Booster Pump*

## **PLANNING SERVICES** (continued)

### ***Capital Improvement Planning (CIP)***

Over the past month, the CIP Group has been actively focused on gathering and reviewing lessons learned from the previous CIP cycle, developing a preliminary roadmap for the FY 2027–2031 CIP, and preparing for the upcoming CIP Kickoff Meeting. The team remains dedicated to continuous improvement and cross-functional collaboration as we move this critical annual initiative forward.

The CIP Group also advanced its annual review of the Program Management Plan (PMP). As part of the Group’s continuous improvement efforts, feedback was solicited through multiple meetings with CIP Satellite Team members to identify potential enhancements. This year’s review placed a particular emphasis on aligning the PMP with Workday, GLWA’s new procurement and financial platform, which was implemented after the PMP’s original release. The second revision of the PMP is scheduled for publication in June 2025.

In response to strong interest from the Engineering Teams, access to PMP chapters, forms, and standard operating procedures has been extended to GLWA consultants. To facilitate this, materials were relocated from OneWater Connect to the GLWA CIP Delivery Teams Channel. Key documents are also being posted on the Procurement webpage to provide vendors with better visibility into updated PMP processes.

Also in March, the CIP Group, in collaboration with the Information Technology Group, continued leading the discovery phase for the Kahua implementation, GLWA’s new Project Management Information System. Additionally, the Group completed the interview and selection process for the Professional Administrative Analyst position.

An offer was extended and accepted by an internal candidate, Gaybrielle Gray, who will transfer from the Water Transmission Team in April.

### ***Member Services Group***

A Water Analytical Work Group (AWG) occurred on March 4<sup>th</sup> where the group covered a number of topics. Top on the list was an update from Olivia Olsztyn-Budry on the 120-inch transmission main inspection plan. The group also discussed service line replacements with Detroit Water and Sewerage Department, Livonia, and Dearborn. Next up, Anthony Troy from GLWA’s Water System Control Center reported that GLWA’s 2024 pressures met targets in 11 of 12 months and Doug Inman reviewed System Max Day and Peak Hour data from 2015–2024.

## **PLANNING SERVICES** (continued)

This was followed by Tim Kuhns who presented the history of the 14 Mile Loop project and three Capital Improvement Plan (CIP) projects that were aligned with the 2015 Water Master Plan's right-sizing goals. The next AWG meeting is scheduled for June 3<sup>rd</sup>.

On March 5<sup>th</sup>, Members participated in a virtual Regional Water System Overview to build a shared understanding of the regional water system. After opening remarks from GLWA's Chief Operating Officer (COO), Cheryl Porter, presentations were given by Anthony Troy and Tim Kuhns that highlighted the infrastructure components comprising the system, as well as its interconnectedness and complexity. Their presentations also covered how system demands have changed over time and the long-term impact of pressures within the system on transmission mains.



*Pipe installation for the 14 Mile Loop project, which eliminated a single feed for 250,000 people in Oakland County*

On March 5<sup>th</sup> the Watershed Hub Work Group met to discuss the upcoming 2024 Annual Water Quality Monitoring Report. This report summarizes the state of water quality monitoring programs in the Rouge, Clinton, and Detroit Rivers, and provides details on the progress and findings of the Regional Water Quality Monitoring and Investigational Grab Sampling Programs. Representatives from Wayne, Oakland, and Macomb Counties also discussed their plans for the upcoming 2025 water quality sampling season. The annual report will be distributed to Members, and summary findings will be presented during a webinar on April 23<sup>rd</sup>.

On March 13<sup>th</sup> Members gathered in Troy for a One Water Partnership (OWP) meeting. The session included a range of updates and presentations:

- Corrosion Control Plan Implementation – GLWA shared the latest on its ongoing efforts.
- MWEA/WEF Membership – GLWA announced that complimentary membership to the Michigan Water Environment Association and Water Environment Federation is now available to Member Partners and their employees.

## PLANNING SERVICES (continued)

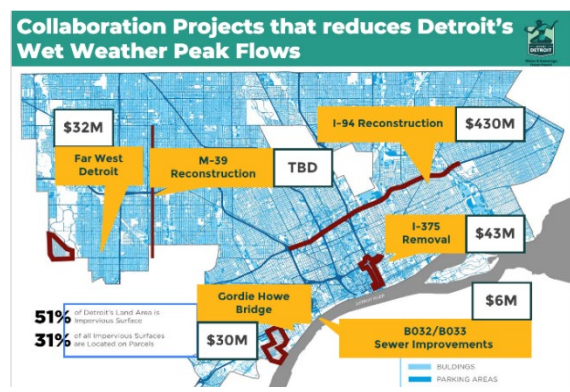
- Michigan Electric Water Utility Resiliency Summit – Chief Resiliency Officer, Todd King, provided highlights from the summit and updates on the Southeast Michigan Flood Risk Mitigation Study, conducted in partnership with the U.S. Army Corps of Engineers.
- Biosolids Study at the Water Resource Recovery Facility – GLWA’s Chief Operating Officer, Navid Mehram, along with Kevin Jankowski and Thomas Treacy from the Wastewater Analytics, Planning and Metering Group, presented new approaches being evaluated for solids handling.
- NexGen Asset Management and CIP Solution Implementation – GLWA’s IT Director, Bryon Wood, and Asset Management Director, Steve Dutschke, closed out the meeting with updates on the ongoing efforts.



*GLWA Chief Resiliency Officer Todd King speaks about the need for utilities to collaborate across sectors to strengthen resiliency in the region*

On March 20th, GLWA hosted an HR Roundtable focused on employer-led collaboratives, envisioning an organized sector-wide effort to strengthen the water workforce through talent pipeline management, which is a new hiring approach that applies supply chain principles to build long-term workforce sustainability.

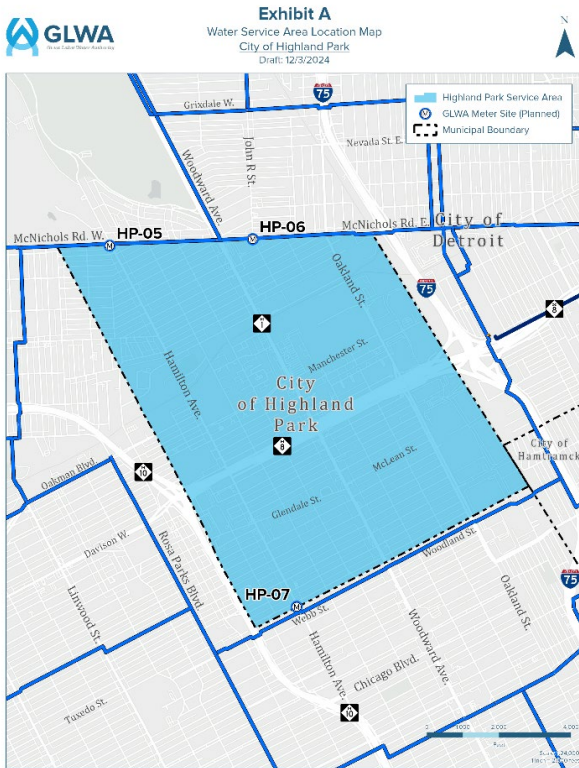
A Wastewater Analytics Task Force (WATF) meeting held on March 21<sup>st</sup> began with a presentation from DWSD on their Capital Improvement Plan that was followed by Wade Trim addressing questions from Members related to GLWA’s draft Flow Balance Report. Next up, Wade Trim presented an overview of the fiscal year 2025 flow meter data and the meter issues that have been identified. The presentation that followed was made by GLWA and explained how flow balance data relates to wastewater charges. Lastly, LimnoTech presented an overview of the regional wastewater collection system model calibration. The next WATF meeting is scheduled for May 9<sup>th</sup>.



*More than \$500 million in planned collaborative projects with MDOT, GLWA, and the Oakland County WRC aim to reduce stormwater flows*

## **PLANNING SERVICES** (continued)

### ***Water Analytics, Planning & Metering (WAPM)***



*City of Highland Park - Water Meter Locations*

The WAPM group is pleased to report strong progress with the City of Highland Park water metering project. As part of the plan, Highland Park will establish three new metered connections located at McNichols Road/Hamilton Avenue (HP-05), McNichols Road/John R Street (HP-06), and Hamilton Avenue/Webb Street (HP-07). Construction work at HP-05 and HP-07 began in February. If the project continues on schedule, meter commissioning is anticipated for April (HP-05), June (HP-07), and September (HP-06). The project team continues to meet weekly to support coordination and timely delivery.

Progress also continues on the wholesale water meter pit rehabilitation and meter replacement program. This initiative includes construction work at 58-meter pit sites identified as having metering and/or structural concerns, with a target completion

date of October 2028. In the past month, coordination meetings were held with the City of Allen Park, Clinton Township, the City of Garden City, and the Ypsilanti Community Utilities Authority.

To date, rehabilitation work has been completed at six of the identified meter pit locations with construction currently underway at four additional sites. In addition to work under the primary contract, the WAPM Group also self-performed meter upgrades at the City of Allen Park (AP-08), the City of Lapeer (LA-03), and the City of Lincoln Park (LP-02).

## **WASTEWATER OPERATING SERVICES**

Several Wastewater Operating Services team members became 2025 Michigan Water Environment Association (MWEA) and Water Environment Federation (WEF) awardees. Congratulations to the team members listed below for being recognized for their outstanding achievements. The commitment and effort of these team members have truly earned this well-deserved recognition.

## **WASTEWATER OPERATING SERVICES** (continued)

- *David McCord*, Director, Wastewater Conveyance & CSO, Collections Systems Professional of the Year
- *Major Gresham*, Manager - Water Resource Recovery Facility (WRRF) Maintenance, Maintenance Professional of the Year
- *Sajit George*, Manager - WRRF Operations, Donald M. Pierce Award
- *Andrea Busch*, Manager - Compliance & Laboratories, P.K. Sarda Lab Professional of the Year
- *Navid Mehram*, Chief Operating Officer - Wastewater Services, President's Award

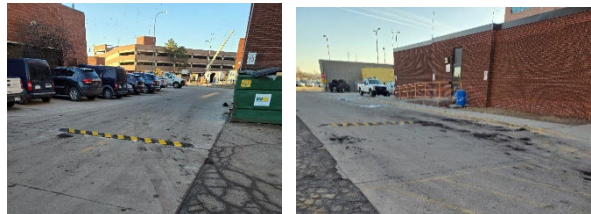
A special thank you goes to Wastewater Operating Services team members for the exceptional work put into the recent wet weather event during (April 2, 2025 - April 5, 2025) where 6.4 billion gallons of water was treated, and 3,000 tons of solids were separated in four days! It was a unique challenge and together an outstanding job was accomplished.

### ***Operations***

The Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards and Air Quality Standards for the month of April.

### ***Maintenance***

Due to the number of construction projects ongoing at the WRRF, traffic around the plant has increased. To improve the safety of pedestrians around the plant, Wastewater Reliability and Maintenance Engineering (RME) has identified locations to install speed bumps.



*Speed bumps installed on both sides of the crosswalk between Incineration Complex I and the Administration Complex are shown in the top left and right photos*

The first and highest priority location identified was the crosswalk between Incineration Complex I and the Administration Complex. This location is one of the highest traffic areas of the WRRF by both pedestrians and vehicles while also having potential blind spots. The addition of these speed bumps require vehicles to slow down before getting to the crosswalk to properly assess the area before proceeding through the crosswalk. More areas are being identified for speed bump installation to further improve the safety of team members and contractor staff working on-site.



## **WASTEWATER OPERATING SERVICES** (continued)



*Two of the raptor birds utilized by Master Falconer Paul Thomas, a gyrfalcon from Alaska and a common red-tailed hawk*

The annual seagull mitigation efforts are underway at the WRRF. These efforts include the use of distress signals, the use of laser pointers, and most effectively, the use of live trained raptor birds flown by Master Falconers from the state of Michigan. This is the fourth year that raptor birds have been utilized at the WRRF and there has been a nearly 50% reduction in annual seagull nests from 2020 to 2024, demonstrating the efficacy at which natural predators of the seagulls can be utilized in a humane way to deter the seagull population from nesting at the WRRF.

Facilities Technician *Roger Greenwood* identified that the lack of proper hose storage was contributing to safety and housekeeping issues in the boiler room at the WRRF. Mr. Greenwood developed and executed a project to mount hose reels in convenient locations around the boiler room to mitigate the safety and housekeeping concerns. With these new hose reels, Facility Technicians and other boiler operators will have ready access to needed hoses and will have a safe and secure place to store them again after use. This project shows the commitment of every member of the RME team to improving the 5S initiative and safety conditions of the WRRF!



*Some of the new hose reels that were installed around the boiler room for easy access and restorage of hoses*

The Primary Maintenance Team, led by Team Leader *John Clark* and Team Leader-Planner *Ned Yeager*, did a remarkable job of ensuring equipment availability prior to the rainstorm starting on the evening of April 2, 2025. At the peak of the plant flow, every main lift pump and raw sewage pump were readily available, providing maximum capacity and flexibility to Wastewater Operations and allowing them to utilize their resources elsewhere during the storm. The team demonstrated an understanding that they are the “tip of the spear” during storm preparation, and they responded accordingly. Fantastic job by the Primary Maintenance Team!

### ***Laboratory***

Plant Technician *Walid Boram* began a six-month Laboratory rotation to fulfill Plant Technician No. 3 competencies. Boram is currently learning the sampling process, followed by process control sample analyses from the Primary and Secondary Treatment process. He will also be supporting the team by overseeing ferric chloride unloading.



*Walid Boram performing experiments with high school students during a Blue Planet event*

## **WASTEWATER OPERATING SERVICES** (continued)

The WRRF Laboratory was represented by Chemist Hainite Tuitupou who introduced high school students to the wastewater treatment process as part of the Blue Planet Initiative.

### ***Operation Technology (OT)/ Process Automation & Control System Team (PACS)***

The software simulator contains a full replica of the WRRF control system, including 28 virtual process controllers, 4,200+ control graphics, and over 3,100 control logic sheets. In addition to the WRRF system, the simulator is capable of hosting replicas of Combined Sewer Overflow (CSO) and sanitary pump station controls – at present it includes a simulation of the St. Aubin CSO facility in addition to the WRRF.

The simulator provides a controlled environment for logic and graphics development/testing and will be used to facilitate training and software factory acceptance testing sessions for future capital improvement projects.

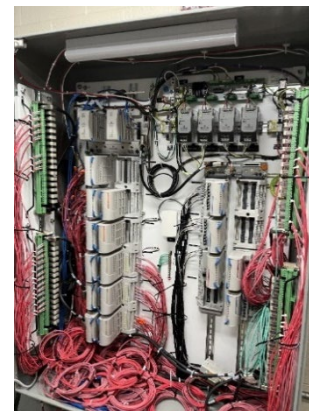
The OT team hosted graphics and control narrative workshops for the Seven Mile CSO Basin controls system replacement, which is part of the ongoing CIP 260619. This CIP includes control replacements for the St. Aubin, Leib, and Seven Mile facilities.



*New OT Controls Software Simulator*

In two days of workshops, the OT team reviewed draft control system graphics, logic, and control strategies for the Seven Mile upgrade with the WRRF special projects and the project's controls integrator. The sessions will be followed by additional workshops to solicit operations and maintenance feedback on the draft control software and narrative.

The OT team participated in network proof-of-concept testing at the St. Aubin facility. The St. Aubin control system is undergoing replacement as part of CIP 260619. Prior to replacement, a second network including routers, switches, workstations, and servers was activated in parallel to the existing controls network.



*New process controls cabinet at St. Aubin*

This enabled full testing of data pathways and administrative functions with new equipment while permitting the existing controls at the facility to operate with minimal disruption. The controls system replacement at St. Aubin is expected to occur in April 2025.

## **WASTEWATER OPERATING SERVICES** (continued)

### ***Industrial Waste Control (IWC)***

The permit modifications for the GLWA Rules and Pretreatment Program have been finalized for all but eight users. IWC is working with the Office of General Counsel to prepare responses for these users, and a meeting is scheduled for the second week of April 2025.

Marathon submitted a re-application to Melvindale's request to continue operation of a pilot system for different treatment alternatives to address Per- and Polyfluoroalkyl Substances (PFAS) in their stormwater/groundwater as well as construction of a final system. A draft permit is under development and was issued April 4, 2025.

The grant application for the Per- and Polyfluoroalkyl Substances Compound Study community grant was filed on-line on March 31, 2025.

### ***Engineering and Construction Wastewater Projects in Design or Miscellaneous***

#### *CIP Design:*

#### *CIP-211005 – Contract No. 2103338 – Pump Station 2(PS2) Variable Frequency Drives (VFD) Replacement*

This design project involves replacing end-of-life VFD for five of the main lift pumps at Pump Station No. 2, and replacing 4,160V electrical gear, including transformers, that will eventually power all eight main lift pumps. The complete design documents were received from the design consultant, and the bid package is being submitted to procurement for construction bid solicitation.

#### *CIP 213006, Contract 2202790, WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities*

This project provides upgrades to the Complex A sludge feed handling system at the WRRF. The project continues to work toward the completion of the construction documents, projecting the completion of the design in April 2025. Efforts for the State Revolving Fund project plan continues for an application this spring.

#### *CIP 216008, Contract No. 2000970/SCN-0000131 – Screened Final Effluent (SFE) Pump Station Rehabilitation*

This progressive design-build project will replace the SFE building and associated equipment at the WRRF. The new SFE system will provide an additional source of utility water and upgrade aging pumps, enhancing the facility's overall resilience.

## **WASTEWATER OPERATING SERVICES** (continued)

Phase II of the project includes finalizing the design (from 60% to 100%) and construction of the new SFE building. The team held a kickoff for Phase II on March 19, 2025. GLWA team members visited the Wixom Wastewater Treatment plant to learn about some of the upcoming new equipment. The Wixom team shared the best practices for efficient operations and maintenance of the system. Next steps include ordering long-lead items and completing the 90% design.



*Team members left to right during a field visit of this project: Thomas Tobin (F.H. Paschen), Jim Foran (NORESKO), Jim Byrd (Wixom Dept. of Public Works), Bill Kominek, Melvin Murphy, Kenney Wardlaw, Anthony Andoniso, Darrin Godbott, Majid Khan, Aurelia Morgan, Beatrice Wanji, Jaskaran Singh, Alyssa Gruda, Erik Washington*



*Charles Wrigley, Wixom Operator, explains how to clean the disc filter system (similar to the future equipment for CIP-216008) to Laboratory Manager Andrea Busch, Wastewater Operating Services Laboratory Manager, and Chad Cogar, Wastewater Operating Services Maintenance Manager*

### *CIP 222001, Contract No. 2304897 – Northwest Interceptor to Oakwood CSO Sewer*

Construction of the office and laydown area for the diversion chamber and launch shaft is continuing. The pinch valves for the Oakwood CSO have been ordered. The precut for the secant piles for the mining shaft is scheduled to start this month.

### *CIP 260201, Contract CS-168 – Rehabilitation of Conveyance System Interceptors and Trunk Sewers*

The warranty inspections are planned to begin in June 2025, ahead of the August 2025 completion date of CS-168.

### *CIP260210 - 2201041 - Ashland-Linwood-Lonyo-2nd Avenue-Shiawassee (ALL2S)*

The design of the proposed work on these five sewer sections progressed to 100% completion. The future construction projects are broken into two separate projects. The Lonyo sewer project was advertised on March 17, 2025, with bids due May 15, 2025. The other four ALL2S start in 2027 with bidding occurring in March 2026. Public outreach is ongoing for all five projects.

### *CIP 260619, Contract No. 2004538 – St. Aubin, Leib and Seven Mile CSO Instrumentation & Controls Replacement*

This design-build project will replace the end-of-life control system with a new Ovation control system at three CSO facilities. Construction activities at St. Aubin continues with

## **WASTEWATER OPERATING SERVICES** (continued)

additional instrument replacements and planning for the startup of new equipment. Transition to the new Supervisory Control and Data Acquisition Technician system is on track for mid-April 2025. The team continues to work through network upgrades with AT&T and Leib remote site testing with Verizon. Network testing will continue in early April 2025 as the Ovation transition upgrades move over to Leib. Leib transition is on track for late April 2025.

### *CIP261001, Contracts 2201974 and 2302068–Rehabilitation of Secondary Clarifiers, Engineering Services at the WRRF for Upgrade of B-Houses and Emergency Process Mechanical Improvements*

Both contracts with Arcadis are for critical repairs to the WRRF secondary clarifiers. Contract 2201974 covers the design of piping and meter rehabilitation, while Contract 2302068 focuses on the design of critical mechanical improvements. Initially, these repairs were part of a more comprehensive rehabilitation project for the secondary clarifiers (RFP-2301547). However, due to their urgency, they were separated into a smaller project to expedite completion. Arcadis has finalized the designs for both contracts and is integrating the results into a single construction scope, which is expected to go out for bid in mid-2025.

### *CIP 270004, Contract 2101475, Design Services of Oakwood/Leib Improvements*

This project provides chemical feeds, storm pumps, a chemical feed system, and other improvements at the Oakwood and Leib CSO facilities to accommodate future flows being diverted from the Northwest Interceptor and Meldrum sewers, respectively. The project is currently out to bid and a second pre-bid walkthrough took place in March. Bids were due on April 11, 2025. This project has been awarded State Revolving Fund (SRF) funding and coordination with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is taking place.

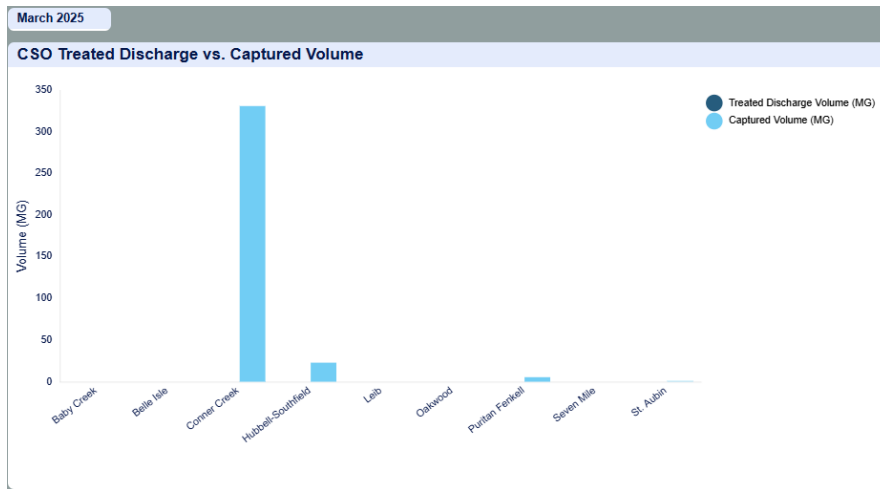
### *CIP 273001, Contract No. 2103225 – Hubbell-Southfield CSO Facility Improvements*

The 90% design progress is ongoing. The 90% design documents will be submitted to EGLE and Dearborn for permit processing, and GLWA for review during the week of May 12, 2025. Task Adjustment No. 003 was executed for negotiated scope modification and sent it to the engineer on April 3, 2025, SRF public hearing meeting is scheduled on April 23, 2025.

**WASTEWATER OPERATING SERVICES** (continued)

**COMBINED SEWER OVERFLOW (CSO) CONTROL PROGRAM**  
**CSO Operations, CSO Maintenance, CSO Conveyance**

**CSO Operations**



CSO Facility	Treated Discharge Volume (MG)	Captured Volume (MG)
Baby Creek	0	0
Belle Isle	0	0
Conner Creek	0	331
Hubbell-Southfield	0	23
Leib	0	0
Oakwood	0	0
Puritan Fenkell	0	5
Seven Mile	0	0
St. Aubin	0	1

*The figures above show the treated discharge, and captures volumes data in million gallons of the CSO facilities for March 2025*

Between scheduled work and other projects, Baby Creek CSO was very busy for the month of March. This began with the kick-off meeting on chemical tank installation. This project will include deconstructing the tanks, removing pipes, and recoating the floor.

One tank will remain in service during construction. Additionally, the CSO Team completed the installation and replacement of the first half of defective heating units in the chemical room. These updates will protect the chemical room from damage in the future, leading to increased reliability and resiliency.

## **WASTEWATER OPERATING SERVICES** (continued)

The CSO Team held the kick-off meeting for influent area modification at Conner Creek CSO. This capital improvement project will involve cleaning then leveling the influent area of the basin to facilitate easy removal of grit. Frequent grit removal prevents the clogging of pipes and extends the life of equipment.

Kennedy Industries held a formal Pump Training and Facility Tour for CSO Plant Technicians and Maintenance Technicians where they could expand upon existing knowledge of our equipment and explore how it is intertwined with the rest of the facility. A total of seven team members from the CSO team and SPS team attended this training. After the training, Kennedy Industries instructed our team on installing and performing a maintenance activity on our pump for a hands-on training demonstration to confirm competency. Staying updated on critical equipment is crucial for operations, and will ensure the continued success of the team.

Team Leaders, Planners, and Maintenance Technicians attended the Lubricant Expo North America. This is the largest annual exhibition centered on the Lubricant Industry in the United States. Here, our team members were able to learn more about lubricants used on our equipment daily and connect with others in the industry. Currently, we have means and methods in place to perform oil sampling, which we use as lubricant for many of our assets. Attending this conference provided a method for our team members to learn new approaches and technologies for lubrication and sampling for analysis as well as new equipment for lubrication.

### *CSO Conveyance*

The Wastewater Conveyance and CSO team held a meeting with the Office of Resiliency Team to view and give notes on new wastewater training videos for East Side Wet Weather. These videos are designed to train new and existing team members on our collections system and the ways in which wastewater flows through it. With feedback from the CSO Team, the Office of Resiliency Team will be able to update the videos to adequately present the information in an easily digestible way, leading to more effective training practices for the future. The next phase is to create videos for the West Side Conveyance System and its flow.

CSO Conveyance is proud to recognize the Wastewater Conveyance and Sewage Pumping Station Operations & Maintenance Teams for their remarkable achievement: mastering the maintenance of major assets within the Wastewater Conveyance System in less than a year since their formation.

## **WASTEWATER OPERATING SERVICES** (continued)

Their rapid progress reflects not only technical skills, but also a strong commitment to excellence and a desire to contribute meaningfully to an already high-performing organization.

Despite being lean in size, the CSO Conveyance Team has risen to the occasion navigating complex operations, managing flow seamlessly, and consistently meeting key performance indicators. The ability to adapt, learn, and lead so quickly is a true testament to the drive and dedication of the CSO Conveyance Team.

## **WATER OPERATIONS AND FIELD SERVICES**

### ***Northeast Water Treatment Plant***

#### ***Northeast Water Treatment Plant Study Group***

In November 2024, Isaac Dawson, one of the Team Leaders at the plant, initiated a weekly study group to support staff in preparing for the State of Michigan Drinking Water Operator Certification licensing exam. The group meets every Thursday from 7:30 a.m. to 8:30 a.m. and is open to all plant employees. So far, participants have covered Chapters 1 through 4 of the *Sacramento Water Treatment Plant Operation Manual*. They also incorporate materials from American Water College, along with carefully selected videos that align with the weekly topics. Each session concludes with a quiz to reinforce learning. This study group is one of several efforts by the Northeast Water Treatment Plant to equip its team for certification success.



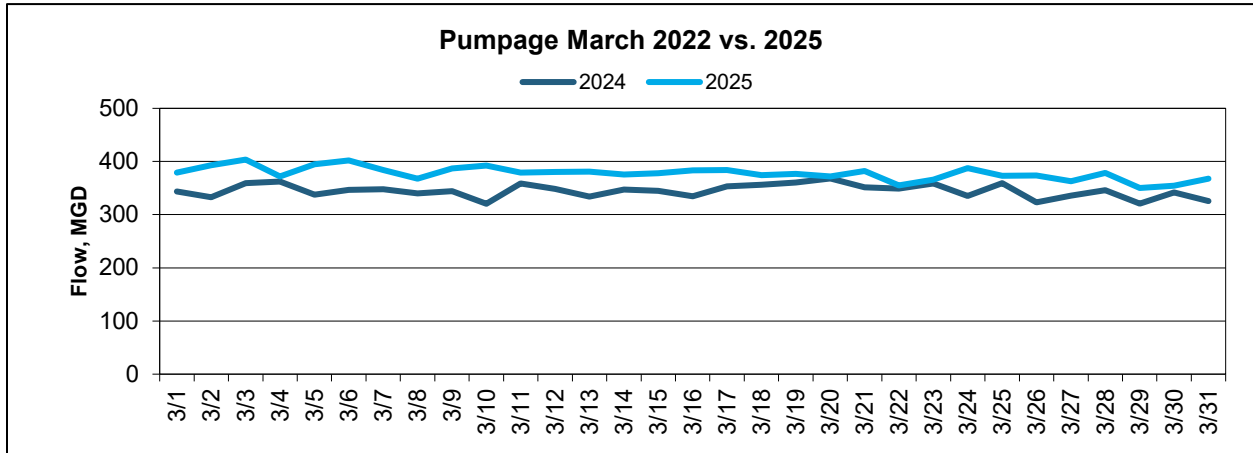
*Pictured left to right: Alexander Giboyeaux, Isaac Granger, Tierra Gilliam, Issac Dawson, Nicholas Karsiotis, and Ashifali Saiyad participating in the Northeast study group*



## **WATER OPERATIONS AND FIELD SERVICES** (continued)

### ***Systems Control Center***

There was a 9.6% increase in the March 2025 pumpage compared to March 2024



### ***Engineering***

#### *Water Engineering Active Capital Improvement Plan (CIP) Project Status*

*CIP No. 119009 (Contract No. 1803990) Lake Huron High Lift and Yard Piping Improvements*  
Project Manager: Brian VanHall

This project at Lake Huron Water Treatment Plant adds three pumps that are each rated for 20 million gallons per day, a 72-inch flow meter on the south high lift header with an 84-inch butterfly valve for isolation, 16-inch flow metering for process water usage by the plant, blowoff on the south high lift header, infrared heating within the pump building on the south side, and a replacement valve actuator on the 84-inch butterfly valve on the north high lift header. Remaining construction activities that include installation of the new high lift pumps will be completed by the end of 2026.

*CIP No. 112006 (Contract No. 1904231) Northeast Flocculator Replacement*

Project Manager: Brian VanHall

This project at Northeast Water Treatment Plant replaces flocculator equipment in all four basins, demolishes inlet gates to each flocculation chamber and installs a baffle block at each basin inlet for flow distribution, improves access to the drywell with stairs and platforms to access the new flocculator gearmotors and replaces the access hatches to the inlet gates in each basin. This project is in the construction phase and flocculation improvements have been completed for basin No. 3. Flocculation improvements for basin No. 2, are now complete and the basins are back in service. The project is on track for overall substantial completion on July 13, 2026, and final completion by March 18, 2027.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

### *CIP No. 122004 (Contract No. 2300600) 96-Inch Water Transmission Main Relocation - Phase II*

Project Manager: Corey Brecht

The project is currently in the construction phase. The scope includes approximately 8,000 feet of 96-inch diameter welded steel pipe along Dequindre Road in Rochester Hills, divided into the North Dequindre and South Dequindre segments. To date, the contractor has installed approximately 5,900 feet of transmission main along the south segment of the project, heading toward Hamlin Road. South Dequindre Road restoration was completed approximately five months ahead of schedule. Pipe installation on the north segment of the project is complete, and the contractor is working on punch list items prior to filling and pressure testing the pipe. As weather permits, the contractor is beginning to install storm sewer, implement cathodic protection, and construct the roadway. The project remains on track to be completed five months ahead of schedule, with an anticipated completion in mid-summer 2025.

### *CIP No. 122004 (Contract No. 2100998) 96-Inch Water Transmission Main Relocation Pipe Procurement*

Project Manager: Corey Brecht

This contract is a material purchase with Northwest Pipe Company for the 96-inch spiral welded steel pipe. Northwest Pipe Company has completed fabrication and delivery of Phase II pipe for the contractor involved with Contract No. 2300600.

### *CIP No. 122004 (Contract No. 2303968) 84-Inch Triple Offset Ball Valve Procurement*

Project Manager: Corey Brecht

This contract is a material purchase for Phase III of CIP No. 122004 – 96-Inch Water Transmission Main Relocation Project. The material purchase includes two 84-inch triple offset ball valves that will be provided to the Phase III contractor for installation. The lead time of these valves was between 66 - 80 weeks from start of the shop drawing process and is the primary reason why GLWA pre-purchased these valves. The vendor submitted a production schedule for GLWA and has begun fabrication. Schedule shows a projected delivery of the valves to GLWA by the end of 2025.

### *CIP No. 122004 (Contract No. 1900741) Professional Engineering Services for the Design and Construction of the 96-Inch Water Transmission Main Relocation*

Project Manager: Corey Brecht

This contract provides engineering and construction assistance services for the entire 96-inch Water Transmission Main Relocation Project (Phase I - III). The Consultant will be assisting GLWA in Phase III design review activities and construction oversight.

### *CIP No. 122004 (Requisition No. 2401015) Design Build of 96-Inch Water Transmission Main Relocation- Phase III*

Project Manager: Corey Brecht

The Request for Proposal advertising is complete. All bids have been received and have been reviewed by the team.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

The scope of this Request for Proposal includes final design and construction of the pipeline alignment, connections, line stop, temporary booster pump station, isolation valves, pipeline appurtenances, and abandonment of the relocated section of existing 96-inch water transmission main. The evaluation team is actively in negotiations with the bidder and is planning on an April Board meeting for approval.

### *CIP No. 111001 (Contract No. 1803769) Lake Huron High Lift, Low Lift, and Wash Water Pumping and Switchgear Improvements*

Project Manager: Eric Kramp

This project provides engineering services to address long-standing issues with the switchgear, low lift, high lift, and corrosion control systems at the Lake Huron Water Treatment Plant. For the switchgear updates and low lift pumping improvements, the consultant submitted a 60% design package, which has been reviewed, and a 90% design package, which was rejected by GLWA for additional detail. The Basis of Design Report for the High Lift Pump Station has been reviewed and returned.

The Basis of Design Report for phosphoric acid improvements has also been received and incorporated into the High Lift Pump Station project. The high lift pumping and phosphoric acid improvements projects may be combined and modified to achieve overall cost savings on this CIP project. The High Lift Pumping scope will shift to a rehabilitation focus, rather than new construction, as a cost-saving measure. A request for amendment from the consultant is anticipated soon to incorporate federally mandated changes along with the aforementioned project adjustments.

### *CIP No. 111006 (Contract No. 2101680) Lake Huron Filter Instrumentation and Raw Water Flow Metering Improvements*

Project Manager: Eric Kramp

This is a progressive design-build project aimed at addressing outdated and failing programmable logic controllers and controls throughout the plant, with particular emphasis on the filter building. Phase I of the project, which involves providing a biddable design package, is approximately 100% complete. GLWA and the contractor have initiated discussions regarding the Phase II Cost and Pricing Agreement and the proposal submission has been received and is being reviewed. Between the completion of Phase I and the execution of the Phase II Price and Scope Amendment, the contractor will develop alarm prioritizations and draft changes to the Standard Operating Procedures under the allowance.

### *CIP No. 111012 (Contract No. 2004549) Lake Huron Flocculator Improvements*

Project Manager: Eric Kramp

This project aims to upgrade the rapid mix and flocculation systems at the Lake Huron Water Treatment Plant to meet current standards. The study phase of the project has been completed, and a combination of hydraulic and mechanical flocculation has been identified as the preferred technological solution. A fully engineered hydraulic flocculation solution could not be validated through piloting.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

GLWA has met with the Michigan Department of Environment, Great Lakes, and Energy (EGLE), and the preferred technological solution has been approved. Additionally, the consultant has begun drafting Job Order Contracts and Procurement Documents related to the installation of new, larger rapid mixers. This work is being prioritized ahead of other tasks under this contract to maintain compliance with agreements between EGLE and GLWA.

*CIP No. 170801 (Contract No. CS-151A) Reservoir Inspection and design at Imlay, Lake Huron Water Treatment Plant, Springwells Water Treatment Plant, Southwest Water Treatment Plant*

Project Manager: John McCallum

This project involves the design, inspection services, construction management, and resident project representation services provided by the engineering firm Hazen and Sawyer for 10 of the system's finished water booster stations. These stations are located at the Imlay Booster Station, the Lake Huron Water Treatment Plant (No. 1, No. 2, and No. 3 reservoirs), the Springwells Water Treatment Plant (No. 1, No. 2, and No. 3 reservoirs), and the Southwest Water Treatment Plant (No. 1, No. 2, and No. 3 reservoirs). Design work began in December 2018, and record drawings have been completed.

The contract included one change order for additional resident project representation services and extended time. The project is on track to close in early 2025, on time and within budget.

*CIP No. 170801 (Contract No. 1900744) Reservoir Rehabilitation Construction Project at Imlay, Lake Huron, Springwells, and Southwest Water Treatment Facilities*

Project Manager: John McCallum

This is a low bid construction project. The contract scope includes reservoir cleaning, repairs, and select capital improvements to 10 finished water reservoirs located at those facilities identified in the engineering contract CS-151A above. The project is on schedule to close in early 2025, on time and on budget.

*CIP No. 170802 (Contract No. 2100236) Reservoir Rehabilitation Phase II (Design), Booster Stations and Water Treatment Plants*

Project Manager: John McCallum

This project provides design, inspection services, construction management, and resident project representation services by the engineering firm Brown and Caldwell for 17 of the system's finished water reservoirs. These reservoirs are located at the following booster stations and water plants: Eastside, Wick Road, Schoolcraft, Haggerty, Adams Road, Joy Road (No. 1 and No. 2), North Service Center (No. 1 and No. 2), Water Works Park (No. 1 and 2A/2B), Northeast (No. 1 and No. 2), Michigan Avenue, Lake Huron (No. 3), and Ford Road. The contract began in July 2022 with design and exterior inspections. Currently, up to six reservoirs are under Brown and Caldwell's oversight during this low-demand water season (October 2024 to April 2025). The contract remains on time and within budget.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

### *CIP No. 170802 (Contract No. 2201316) Reservoir Rehabilitation Phase II (Construction), Booster Stations and Water Treatment Plants*

Project Manager: John McCallum

This is a low-bid construction project with LGC Global. The contract scope includes reservoir cleaning, repairs, and selected capital improvements to 17 finished water reservoirs located at the facilities identified in engineering Contract No. 2100236. The first season of work was completed at the Wick Road, Eastside, and Schoolcraft locations. In December 2024, the GLWA Board approved Change Order No. 1, which added the Ford Road Station to the project and increased the total number of reservoirs under this contract from 16 to 17. The change order also included the installation of a bird deterrent system at five additional booster station locations, ensuring that all eight finished water flat-roof reservoirs are equipped with this protection. Currently, the reservoirs at Joy Road Station, Ford Road Station, Haggerty Station, Michigan Avenue, and the Water Works Park Water Treatment Plant are out of service and undergoing cleaning and repairs. The final set of reservoirs is scheduled for completion by spring 2027. The project remains on time and within budget.

### *CIP No. 114002 (Contract No. 2201068) Springwells Electrical Gear Replacement*

Project Manager: Justin Kietur

This project is currently in the construction phase. It involves the installation of new medium-voltage switchgear and cabling from the secondary side of GLWA transformers to the switchgear, and from the switchgear to the Low Lift and High Lift Pumps as well as the plant unit substations. Construction of the new switchgear room is ongoing, and the majority of the new medium-voltage cabling has been pulled from the Low Lift and High Lift Pumps back toward the new switchgear room. Site civil work for the new electrical duct banks and pier footings for the utility bridge are complete.

### *CIP No. 115005 (Contract No. 2103880) Water Works Park Ventilation System Improvements*

Project Manager: Michael Dunne

The project goals are to increase air exchanges and improved distribution of fresh air in areas of the plant that are susceptible to an accumulation of off-gassing from treatment chemicals. To achieve these goals, the existing heating, ventilation, and air conditioning (HVAC) systems will be demolished, and replacement and additional HVAC systems will be installed. The new HVAC systems consist of gas fired makeup air units, exhaust fans, ductwork, natural gas piping, ventilation control panels, electrical power, ambient air monitors and associated appurtenances. Commissioning activities are in progress.

### *CIP No. 132016 (Contract No. 2004674) North Service Center Pumping Station Improvements*

Project Manager: Timothy Kuhns

Conceptual design for the project has been completed. Project will include rehabilitation of the existing station as Phase I of the project with Phase II of the project to include new reservoirs and reservoir pump house. The design phase for the replacement of line pumps and switchgear has commenced.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

### *CIP No. 114017 (Contract No. 2201255) Springwells Flocculator Improvements*

Project Manager: Erich Klun

This project replaces the existing horizontal paddle wheel flocculators in the four basins of the 1958 treatment plant and adds continuous turbidity monitoring of its settled water. Basins 5 and 6 are currently halfway through a 90-day performance. Once Basins 5 and 6 are accepted by GLWA, flocculators for Basins 7 and 8 will be released for fabrication for planned installation in 2026.

### *CIP No. 112008 (Req No. 2400082) Northeast Water Treatment Plant Filter Replacement*

Project Manager: Erich Klun

Project scope includes the rehabilitation and right-sizing of the plant filtration capacity. Included in the rehabilitation is the replacement of existing filter media, wash water troughs, filter control valves, media surface wash water and wash water improvements, and complete replacement and modernization of the filter control system. Project is being executed under a design-build contract arrangement. Two proposals have been received and are currently under review by the selection committee with an anticipated start in June 2025.

### *CIP No. 116002 (Contract No. DB-150) Raw Water Tunnel Rehabilitation*

Project Manager: Peter Bommarito

Project is in construction phase. Work within the Pennsylvania Tunnel and Northeast Tunnel is complete. Work within the Springwells Raw Water Tunnel has resumed for this season. The contractor, Ballard Marine Construction, has successfully reinstalled the Ballard Underwater Ring Transporter in the Springwells Raw Water tunnel and has started installation of the stainless-steel liner plates.

### *CIP No. 115001 (Contract No. 2000610) Water Works Park Yard Piping Replacement and Water Production Flow Metering*

Project Manager: Vittoria Veltri

Project is in the construction phase. The project involves complete replacement of yard piping, valves, and venturi meters for the piping system on the discharge of the Water Works Park High Lift Station. The eastern yard piping is completed and venturi meters 5 and 6 have been tested and put into service. The western yard piping is currently under construction and will be completed in summer of 2025. Construction of valve vaults and venturi meter vaults continue at pace in the western yard.

### *CIP No. 122019 (Contract No. 2204376) Jefferson Main Replacement*

Project Manager: Timothy Kuhns

Project is at 90% design phase. The project involves use of 42-inch, high-density polyethylene fit slip-line approximately three miles of vintage 1915 cast iron 48-inch piping along Jefferson between the Water Works Park Water Treatment Plant and Rivard Street just east of downtown Detroit. The Act 399 Permit is pending with the State of Michigan. Prior to commencing construction, the City of Detroit has to complete a 16-inch set of parallel mains from Water Works Park to Rivard. Construction for this project will not commence until FY2028.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

### *CIP No. 132015 (Contract No. 1901767) Newburgh Booster Pumping Station Improvements*

Project Manager: Jorge Nicolas

Project re-started design phase after a long pause due to finding the right site to build the new station, GLWA Budget realignment and GLWA needs reassessment. Contract Amendment is complete, and design is in progress.

### *CIP No. 113009 (Contract No. 2300730) Southwest Chain and Flight Upgrades*

Project Manager: Vittoria Hogue

Project involves removing and replacing flight and chain equipment in three of the four sedimentations basins at Southwest Water Treatment Plant. Equipment will be removed in basin 1A and removed and replaced in basins 1B and 2A. The first basin, Basin 1B, has been completed and turned over to Southwest plant staff. Project is in a delay period, waiting on the sludge contract to be able to finish their work at Northeast Water Treatment Plant and begin work removing sludge from the remaining basins to be worked on at Southwest Water Treatment Plant. GLWA and Colasanti are in negotiations regarding a delay claim.

### *CIP No. 122016 (Contract No. 1803942) Downriver Transmission Main Loop*

Project Manager: Vittoria Hogue

Phase I of the project is at 90% Design, Phases II and III are at 60% design. Project involves installation of looped and redundant mains in the downriver area along Inkster Road and Allen Road to maintain service in the event of a break along the existing mains. Phase I involves the installation of a transmission main along Inkster Road. It was decided in the beginning of March to increase the size of the main from 30-inches to 42-inches to maintain minimum contract pressures. The original design intent was to prevent boil water advisories in the event of a main break. Due to limited CIP funds and the increase in estimated cost of Phase I of the job, the project has been descoped to design and construction oversight of Phase I – Inkster Road transmission main, demolition of electric avenue reservoirs, and upgrades to the Trenton meter pits. A Task Adjustment has been executed and WSP, the engineering firm, is working on finalizing the 90% design.

### *CIP No. 132007 (Contract No. 1900516) Imlay Station Pumping Improvements*

Project Manager: Vittoria Hogue

The project involved right-sizing Pump No. 3 at Imlay Pump Station to service the communities west of the station. All equipment has been installed. Upon further investigation, following remote testing and the 30-day acceptance test, it was noted that Flint now uses significantly less water than in 2019, when the project was designed. The pump, as currently configured, cannot supply less than 10 million gallons per day (MGD), while Flint's current daily flow range is between 7 MGD and 14 MGD. The contractor plans to conduct additional vibration testing on the pumps at the low-flow range to assess their acceptability.

## **WATER OPERATIONS AND FIELD SERVICES** (continued)

*CIP No. 132010 (Contract No. 1803312) West Service Center Pumping Station – Reservoir, Reservoir Pumping, and Division Valve Upgrades*

Project Manager: Brian VanHall

The project is nearing the end of the construction phase. Project involves new reservoir pumping facility as well as new reservoirs and improvements to various existing yard valves. Startup and training have begun. Testing of new facilities and equipment was completed successfully and was turned over to Systems Control Center for operational control. Demolition of existing reservoirs has been completed, and the project is now substantially complete. A change order for time only to extend the final completion date has been approved.

*Contract No. 2303227 Task Order Engineering Services Contract Task T2-13*

Project Manager: Jorge Nicolas

Arcadis has completed the technical specifications for Division 26 (Electrical) and Division 40 (Process Integration) as well as completing the Hazardous Material Survey for Request for Proposal No. 2400082 - Northeast Water Treatment Plant Filter Reconstruction. Burns & McDonnell has completed the review of several submittals for the Springwells Water Treatment Plant Medium Voltage Switchgear replacement, Contract No. 2201068.

## **OFFICE OF SYSTEM RESILIENCY (OSR)**

### ***Detroit River Interceptor Rehabilitation***

The DB-226 project for the rehabilitation of the Detroit River Interceptor has reached several key milestones this period, reflecting steady progress across multiple work areas. Final completion has been achieved in Reaches 2, 2A, 3A, and 3B, advancing the team significantly toward overall project goals. Reach 3C is on hold pending completion of work at the Water Resource Recovery Facility (WRRF) Pump Stations No. 1 and No. 2, and work for the North Interceptor-East Arm being conducted by the Oakland Macomb Interceptor Drain. Reach 3C will be initiated in September of this year if these predecessor projects are completed on schedule.

### ***Energy Management***

OSR Energy continued its rate study with DTE to ensure that GLWA facilities are in the correct rate classification. GLWA and DTE now completed the review of the rate classifications for 41 major facilities to confirm that each facility is in the most economical rate class based on its actual electrical consumption. The rate study results aligned between GLWA and DTE for all the facilities studied. Rate classes for three facilities are being considered for reassignment to a better rate structure to optimize the energy expenses for these facilities.



## OFFICE OF SYSTEM RESILIENCY (continued)

### ***Flood Resiliency Study***

As a continuation of the in-person public meetings held in December 2024, the GLWA, in partnership with the U.S. Army Corps of Engineers (USACE), conducted a virtual public meeting on April 17, 2025, at 6:00 p.m. The purpose of the meeting was to provide an update on the Southeast Michigan Flood Resiliency General Investigation Study, including a review of the project background and an overview of current and planned activities.

The poster is titled "SOUTHEAST MICHIGAN FLOOD RISK MANAGEMENT STUDY Virtual Public Meeting – April 17 6-7 pm". It features logos for the US Army Corps of Engineers (Detroit District) and GLWA. The text explains that Southeast Michigan has experienced repeated widespread flooding since 2000, leading to economic and social hardship. It mentions that the Great Lakes Water Authority and the US Army Corps of Engineers Detroit District have received congressional authorization and federal funding to study these problems. A photograph shows a flooded area with a bridge. A map of Southeast Michigan highlights the study area in green, with various watersheds and sewer areas color-coded. Contact information for the virtual meeting is provided, including a Teams Meeting Link, Meeting ID (993 355 198 262), Passcode (Wm7zr68i), and a phone number (+1(503)207-9433). A QR code is also present. A legend at the bottom right identifies the map features: Study Area (green), GLWA Service Area (yellow), Clinton River Watershed (red), Ecorse Creek Watershed (orange), Lake St. Clair Watershed (blue), Combined Sewer Area (light green), Separated Sewer Area (pink), and Michigan County Boundaries (black).

The presentation from the meeting is available on the [Southeast Michigan Flood Risk Management Feasibility Study](#) webpage. For questions or to provide feedback, please contact [SEMIFloodStudy@usace.army.mil](mailto:SEMIFloodStudy@usace.army.mil).

LimnoTech was selected to assist GLWA on this study. Initial tasks include enhancing the linked 2D surface and 1D subsurface flow model to improve stability and reduce runtimes and, enabling more efficient modeling. LimnoTech is also coordinating with DWSD and Member Partners to add detail in these areas, using new hydro-enforced DEMs to refine catchments and identify flood risks. Additionally, they are developing model and data management systems to support QA/QC, version control, and distribution.

### ***Operations & Resiliency***

Tom Hall, Director of Operations & Resiliency, is continuing to support and work with Water Transmission and Engineering to continue to troubleshoot system valve, pump, and control issues for ongoing issues, and capital improvement projects for the booster pump station and appurtenances. We are continuing to identify, temporary, permanent fixes, and to recommend and initiate activities to ensure systems and equipment are maintained in a state of compliance. Recent examples of collaboration include support for the repair of the North Service Center I-Valves and installation of appurtenances necessary to conduct the 120-inch inspection between the Lake Huron Water Treatment Plant and the Imlay City Booster Pump station, currently scheduled for this spring.

## **OFFICE OF SYSTEM RESILIENCY** (continued)

### ***Strategy & Knowledge Transfer***

The next training video currently in production for GLWA staff, features pumps and valves located at the West Chicago Booster Station. In this segment, Tom Hall provides an overview of these key components and important operational and maintenance considerations.



*West Chicago Booster Station*

The Wastewater Collection System Group is in the early stages of developing a comprehensive strategy aimed at capturing critical system information, standardizing documentation practices, and enhancing operational continuity. This initiative is part of a broader effort to strengthen the resiliency of GLWA by ensuring institutional knowledge is preserved and key infrastructure details are readily accessible.

The presentation from the meeting is available on the [Southeast Michigan Flood Risk Management Feasibility Study](#) webpage. For questions or to provide feedback, please contact [SEMIFloodStudy@usace.army.mil](mailto:SEMIFloodStudy@usace.army.mil).

LimnoTech was selected to assist GLWA on this study. Initial tasks include enhancing the linked 2D surface and 1D subsurface flow model to improve stability and reduce runtimes and enabling more efficient modeling. LimnoTech is also coordinating with DWSD and Member Partners to add detail in these areas, using new hydro-enforced Digital Elevation Maps to refine catchments and identify flood risks. Additionally, they are developing model and data management systems to support Quality Assurance/Quality Control version, and distribution.

## **INFORMATION TECHNOLOGY**

### ***IT Security***

In the past month, the IT Security team has proactively blocked or thwarted 55,678 spam messages, 8,779 spoofed messages and 4 viruses. Additionally, 17,662 phishing attempts have been caught, and 5,545 malware attempts have been blocked.

### ***IT Business Productivity Systems***

The IT Business Productivity Systems and IT Service Delivery teams have successfully completed the OnBase upgrade project encompassing key infrastructure, database, and system improvements including improved single sign on, GIS-related document integration, and updated OnBase Unity software. There are at least 500 team members who use OnBase either directly or through the GIS integration. This upgrade delivers an improved user experience while maintaining secure access to important GLWA documents and records.

### ***IT Enterprise Asset Management Systems***

The GIS team recently upgraded the ArcGIS environment from Version 11.1 to 11.4, which provides greater security and stability. With the upgrade complete, the GIS team is now working on upgrading myGEOShare applications from JavaScript Version No. 3 to JavaScript Version No. 4.

This will provide new benefits like layer grouping, improved symbology, and improved map loading speeds, allowing the GIS team to deliver a better mapping experience to all team members who utilize GIS. The application refresh is already underway and will be completed by the end of 2025.

The IT Enterprise Asset Management Systems team began discovery workshops for the Kahua Project Management Information System (PMIS) in March. These workshops are scheduled to go through May and include participants from Capital Improvement Planning (CIP), Financial Services, Information Technology, Procurement, Water Engineering, and Wastewater Engineering. The workshops have centered on identifying test projects, understanding out-of-the-box Kahua application functionality, and discussing how Kahua apps can be utilized to support Phase 1 of the project. The Phase 1 implementation, with a go-live target of April 2026, is focused on replacing the current CIP Portal system with Kahua streamlining the annual CIP planning process. Phase 2 will begin in 2026 with an emphasis on the day-to-day CIP program and project delivery processes.

### ***IT Customer Service Delivery***

The IT Customer Service Delivery team worked with GLWA's Enterprise Cellular Network vendor, Verizon Wireless to identify a new rate plan for all tablets, laptops with SIMs, data only plans, and SIM cards for Tempered Network devices. This new plan will produce savings for GLWA of over \$100,000 per year

## **INFORMATION TECHNOLOGY** (continued)

### ***IT Project Management Office (PMO)***

Currently, the IT PMO is managing 19 active projects and is processing two project requests. The PMO is also assisting with 33 initiatives.

## **PUBLIC AFFAIRS**

### ***GLWA Interacts with Students at 2025 Science and Engineering Fair of Metro Detroit***

Public Affairs Team Member Debbie Frazier coordinated GLWA's participation in the annual Science and Engineering Fair of Metro Detroit, which was held at Huntington Place on Wednesday, March 12. Debbie secured judges and coordinated their participation to ensure a seamless and impactful event, focusing on projects related to the water sector. This year, the esteemed panel included returning GLWA Lead Senior Judge Ursula Gray, along with Paula Henry, and the newly appointed Junior Lead Judge, Water Operations Director Ron Hayes. The judging roster was further strengthened by the addition of three new judges: Melissa McCabe, Brent Petricca, and Darius Sanders.

The event celebrated the innovative spirit of middle and high school students from our One Water Partnerships across Oakland, Wayne, and Macomb Counties, as well as an elementary student from the Detroit Public Schools Community District. Participants showcased a variety of projects, tackling topics such as "Designing and Testing a Solar-Powered Water Pump" and "Microplastics: The Water's Most Unwanted Ingredient." The high school presenters impressed judges with their poise, knowledge, and accomplishments. Congratulations to all student winners for their remarkable achievements!

### ***Gallup Team Member Engagement Survey***

Public Affairs partnered with Organizational Development (OD) to create three exclusive video messages from Deirdre Weir, our OD Training & Development Director. In these brief videos, she discussed how to complete the Gallup Team Member Engagement Survey and stressed our commitment to ensuring individual answers remained anonymous. Gallup is an independent third-party survey provider, allowing team members to make their voices heard and help create better workplaces.

### ***The Detroit News Sits Down with Sue Coffey to Discuss Water Main Break***

Public Affairs coordinated the recent sit down between the Detroit News and Chief Executive Officer (CEO) Sue Coffey to discuss the 54-inch water transmission main break in Southwest Detroit, the need for water infrastructure funding, and GLWA's plans to ensure a resilient system for our communities. Click [HERE](#) to read the article.

## **PUBLIC AFFAIRS** (continued)

### ***CEO Sue Coffey, Connects with Team Members***

On Thursday, March 20, CEO Sue Coffey began her annual “Conversations with Coffey” facility visits, a much-appreciated annual effort where she and members of the Executive Leadership Team engage directly with team members at their facilities. These visits are designed to foster open communication, allowing team members to casually discuss any concerns and ideas in a relaxed setting. By prioritizing these interactions, Sue’s goal is to build stronger relationships and ensure the voices of all team members are heard and valued. The visits will continue throughout the year. This initiative not only highlights our commitment to transparency and inclusiveness, but also serves as a platform for team members to actively contribute to GLWA’s ongoing success.

## **SECURITY AND INTEGRITY**

The Hazmat Unit coordinated and completed a total of 274 hours of training during the month and also completed 517 total training hours for the Security and Integrity group for the month of March.

The group met with Detroit Homeland & Emergency Management to plan training exercises.

The group attended the Downtown Detroit Partnership meeting with the Detroit Police Department. They also conducted Threat and Vulnerability Assessments on all five water plants.

Security and Integrity continued the “Run, Hide, Fight” active shooter training for all GLWA team members.

## **ORGANIZATIONAL DEVELOPMENT (OD)**

### **Performance Team**

#### *Performance*

<b>New Classification</b>	<b># Progressed</b>
Administrative Specialist	1
Chemist	6
Electrical Instrumentation Control Technician (I)	3
Infrastructure Administrator	1
IT Business Analyst	1
Maintenance Technician	3
Office Support Specialist	2
Plant Technician	11
SCADA Technician	1
Service Desk Analyst	1
Water Technician	1
<b>Total TMs (Team Members) Progressing</b>	<b>31</b>

*Team Members Progressing by Job Classification*

The Progression Assessment Review Cycle has been completed. During the 2024 Progression Cycle, 31 team members progressed. These team members received a pay increase effective January 6, 2025.

#### *Internship*

There are 24 new candidates that have accepted offers for the 2025 GLWA Summer Internship Program. Additionally, three existing interns will remain with GLWA and will participate in the Summer Internship experience. A current intern has accepted a full-time position on the Finance team!

## ORGANIZATIONAL DEVELOPMENT (continued)

### **Apprenticeship**

We are excited to announce, 12 Electrician (EICT-E) Apprentices have completed their related instruction at Detroit Electrical Industry Training Center (DEITC) instructors congratulated and encouraged them to continue in their trade. They also gave each apprentice tools as a graduation gift. (See right photo)



*DEITC Apprentice Graduation*

GLWA received \$1,000 in grant funding from Focus: HOPE as a fulfillment of the Michigan Industry Cluster Approach 4.0 Grant (State of Michigan Sector Strategy Grant).

GLWA received \$65,000 in grant funding from Detroit Employment Solutions Corporation to offset the cost of apprenticeship training. The grant awarded \$5,000 per apprentice for a total of 13 Apprentices.

### *Outreach Initiatives and Events*



*Pat Butler  
GLWA OD Director, Host*

Organizational Development hosted an Human Resource (HR) roundtable with GLWA Member Partners to introduce an opportunity to launch a water-focused Employer Led Collaboration using the Talent Pipeline Management model. Topics included the importance of building a talent supply chain, using data to drive talent pipeline strategy, and collaborating with community partners to address workforce challenges. Special Guest Speaker, Ann Pentiak, State Administrative Manager – Sector



*Ann Pentiak  
State of Michigan, Guest Speaker*

Strategies, shared the importance of industry collaboration to create sustainable talent pipelines.



*HR Roundtable Event*

## **ORGANIZATIONAL DEVELOPMENT** (continued)

The Performance Team participated in five outreach events during April including:

- The Breithaupt Engagement Breakfast to network with school officials and discuss upcoming collaboration events.
- The career fairs at River Rouge High School and Annapolis High School to share career information with students.
- Southeast Michigan Science Fair to observe and review students' science projects.
- The Blue Planet Jobs Careers in Water Event. Blue Plant Jobs, held at Cranbrook Institute of Science, introduced Oakland County high school students to careers in water. GLWA Engineer Elizabeth Mann and Chemist Hainite Tuitupou led water testing and wastewater processing demonstrations. OD team members Adino May, Management Professional, Alicia Parker, Human Resources Generalist, and Sabrina Brinker, Intern, discussed the wide range of career opportunities at GLWA, including apprenticeship and internship opportunities. They also assisted with the hands-on student demonstrations.



*Hainite Tuitupou, Chemist and students*

Pat Butler, OD Director, participated in the Water Environment Federation (WEF) Winter Meeting in Herndon, VA, where committee members reviewed abstracts and formulated the conference sessions for the fall Water Environment Federation's Technical and Exhibition Conference's International Conference.



## **ORGANIZATIONAL DEVELOPMENT** (continued)

As a member of the WEF Utility Management Community, Pat reviewed workforce-related abstracts and collaborated with other members to build sessions for the conference. GLWA Team Members Majid Khan, David McCord, Andrea Busch, and Hainite Tuitupou participated in the winter meeting planning sessions in their areas of expertise.



*WEF Winter Meeting - Left to Right: David McCord, Pat Butler, Andrea Busch, Hainite Tuitupou, Majid Khan*

### ***Benefits and Wellness***

During March, 16 benefits and well-being sessions were delivered to 240 GLWA team members. Session topics included:

- Retirement plan education (34)
- Meditation (41)
- Men's Health Initiative (96)
- Virtual Well-being (69)
- 

Office hour sessions were held at eight facilities. Services were delivered to 141 GLWA team members. Facilities serviced include:

- Oakwood CSO (12)
- Central Services Facility (24)
- Lake Huron Water Plant (11)
- Northeast Water Plant (8)
- Springwells Water Plant (4)
- Southwest Water Plant (7)
- Water Works Park (26)
- Water Resource Recovery Facility (61)



*Cynthia Offutt, Lesley Williams, Au Lisa McGovern, Morgan Mindingall, Sherrian Greenwood*

## **ORGANIZATIONAL DEVELOPMENT** (continued)

During March, 360 service inquiries were addressed for 268 team members. The top three topics included:

- Benefit inquiry
- Requests for information
- Leaves of absence

### *Men's Health – Water Operations*



*Men's Health Initiative: Investing Basics, March 7, 2025, Central Services Facility*

The first GLWA Men's Health Initiative session for 2025 was hosted at the Central Services Facility for 35 team members. Avery Brand, Organizational Development Training Specialist, provided a vision casting icebreaker that asked, "where do you see yourself after you retire" and "what do you want to focus your time on?"

The session, Investing Basics, was facilitated by Doug Featherstone, Jr., MissionSquare Retirement Plan Specialist, focused on retirement information needed for every age and stage of life and included an overview of stock market investing and the importance of market volatility.

Current GLWA retirement plans were reviewed, and retirement contribution tips were provided. Also, participants learned how savings plans can be started to give their dependents a head start on building their own 401k account. Before dismissing, the men were encouraged to network with one another and have one-on-one consultations with both the MissionSquare and One Water Wellness teams.

## **ORGANIZATIONAL DEVELOPMENT** (continued)

### *Men's Health – Wastewater Operations*



*Men's Health Initiative: Good Emotional Health, March 18, 2025 (evening session),  
Water Resource Recovery Facility*

The Water Resource Recovery Facility hosted a mental health session entitled, “Navigating the New Year with Good Emotional Health and the Strength to Heal” March 18 and 20, 2025. The four sessions, 8:30 am and 7:30 pm, were held over two days to accommodate multiple shifts and provided the opportunity for all team members to participate. The sessions were led by Walter Davis III, GLWA’s Deputy Chief Security & Integrity Officer.

Deputy Chief Davis opened the sessions by recounting his personal experiences and providing insight into his life and the difficulties he has faced. This broke the ice among the participants and allowed many of the men to share their own stories of how they overcame or are looking to overcome life challenges. The session concluded with Morgan Mindingall, Organizational Development Professional Administrative Analyst, connecting the participants to GLWA benefit resources to address the challenges discussed.



*Men's Health Initiative: Good Emotional Health, March 18, 2025 (morning session),  
Water Resource Recovery Facility*

## **ORGANIZATIONAL DEVELOPMENT** (continued)

### *Retirement Planning Education Series*



MissionSquare Retirement Plan Specialist, Doug Featherstone, Jr. met with three team members virtually on March 10, 2025.

Central Services Facility hosted on-site one-on-one consultations for 10 team members who reviewed retirement goals and their portfolio performance.

The on-site Lunch and Learn education seminar held on March 11, 2025, included 21 team members.

### *Community Outreach – City Year Detroit*



*Cynthia Offutt and Debra Londeck at a community outreach event, March 7, 2025*

On March 7<sup>th</sup>, Cynthia Offutt, Organizational Development Professional Administrative Analyst, and Debra Londeck, Organizational Development Human Resources Generalist, participated in City Year Detroit’s 18-minute Networking Career Pathway event.

Cynthia served as a Career Professional Discussion Leader sharing insights into her career journey in Human Resources, while also participating in small group discussions that emphasized professional development, relationship-building, and community engagement.

Debra met with high school and college students to promote GLWA’s apprenticeship program, internship opportunities, and open positions. They provided an overview of GLWA’s mission, highlighting the critical role the organization plays in serving the region. Many attendees were impressed by the vast scope of GLWA’s service area and its impact on the community.

The event resulted in meaningful connections, with approximately 40 students engaged in discussions. While 10 resumes were collected, many early-career attendees expressed interest in learning more about future opportunities. This engagement underscores GLWA’s commitment to workforce development and talent pipeline expansion while fostering relationships with emerging professionals in the community.

## **ORGANIZATIONAL DEVELOPMENT** (continued)

### ***Training***

During March, 60 instructor-led training courses were delivered to 311 GLWA team members, totaling 292.5 instructor-led training hours. In addition, 73 online self-paced training courses (e.g., KnowBe4 and 360Water) were completed, totaling 48 self-paced training hours.

### ***Talent Management***

#### **Staffing**

The table below provides a breakdown of GLWA Team Members since the last CEO report:

Number of New Hires	21
Number of Separations	7
Total Staffing - Regular FTEs (YTD)	1078
Total Staffing - Part-Time (YTD)	13

## **FINANCIAL SERVICES AREA**

### ***March 2025 Audit Committee Recap***

There were two Audit Committee meetings held in March. The February regular monthly meeting was rescheduled and held on Friday March 14, 2025, and the regularly scheduled March meeting was held on Friday March 28, 2025. The GLWA Audit Committee binders are publicly available at [www.glwater.org/financials/](http://www.glwater.org/financials/). The meetings included the following topics:

At the March 14, 2025, meeting, the following reports were received and filed:

- ✓ Upcoming Solicitation for External Auditor
- ✓ Gifts, Grants & Other Resources Report
- ✓ Quarterly Investment Report
- ✓ Final Fiscal Year 2026 Units of Service Report – Water System Issued February 13, 2025
- ✓ Fiscal Year 2026 Schedule of Charges as Adopted February 26, 2025
- ✓ Revised September 2024 Monthly Financial Report
- ✓ Procurement Pipeline for February 2025

At the March 14, 2025, meeting the following item was unanimously recommended to the Board of Directors for action:

- ✓ Proposed Appointment of Underwriting Syndicate

## **FINANCIAL SERVICES AREA** (continued)

At the March 28, 2025, meeting the following reports were received and filed:

- ✓ General Retirement System Financial Report and Annual Actuarial Valuation for Year End June 20, 2024
- ✓ Monthly Financial Report for December 2024
- ✓ Affordability and Assistance WRAP Quarterly Update
- ✓ Gifts, Grants & Other Resources Report
- ✓ Quarterly Construction Work In Progress Report
- ✓ Procurement Pipeline for March 2025

At the March 28, 2025, meeting the following items were unanimously recommended to the Board of Directors for action:

- ✓ Resolution to Adopt the Fiscal Year 2026 Clean Water State Revolving Fund Project Plan for the Detroit Water and Sewerage Department Sewer Main System Rehabilitation in the neighborhoods of Hubbard Farms and North Corktown
- ✓ Resolution to Adopt the Great Lakes Water Authority Project Plans for Fiscal Year 2026 Clean Water State Revolving Fund Funding Consideration
- ✓ Resolution Regarding Approval of Series Ordinance Authorizing Issuance and Sale of Sewage Disposal Revenue and Revenue Refunding Bonds
- ✓ Resolution Regarding Approval of Series Ordinance Authorizing Issuance and Sale of Sewage Disposal System Revenue and Revenue Refunding Bonds
- ✓ Fiscal Year 2025 Second Quarter Amendments through December 31, 2024, and Proposed Budget Amendment Resolution

### ***WRAP Affordability Overview Lunch and Learn***



*March Lunch and Learn*

On March 19, 2025, the Financial Services Area (FSA) hosted its fourth lunch and learn session titled, “WRAP & Affordability Overview” in the 14<sup>th</sup> Floor Training Room of the Water Board Building. This peer-to-peer lunch and learn series, fosters professional development and knowledge sharing within GLWA allowing team members to present relevant information during their lunch break.

FSA Management Professional Haran Stanley led the session and presented an overview of Affordability & Assistance program administration, discussed GLWA engagement in regional affordability and assistance efforts, shared FSA roles and responsibilities, and outlined WRAP accounting and reporting requirements.

**FINANCIAL SERVICES AREA** (continued)

***Michigan Government Finance Officers Association (MGFOA) Spring Seminar***

CFO Services team members Michelle Burt, Regina Washington, Sandy Chen and Gregory Bolterman attended the annual Michigan Government Finance Officers Association (MGFOA) Spring Seminar held in East Lansing, Michigan on March 6, 2025.



*CFO Services team members Sandy Chen, Regina Washington, Michelle Burt and Gregory Bolterman attend MGFOA Spring Seminar*

The seminar included the core sessions of Legislative Updates, Economic Outlooks and a GASB Audit Update. There were also breakout sessions that allowed attendees to select topics of interest applicable to their work role and opportunities for networking.

While Management Professionals Regina Washington, Sandy Chen and Gregory Bolterman were all first-time attendees, GLWA Billing & Collections Manager Michelle Burt is currently an active member of the MGFOA Membership & Wellness Committee. She also proudly serves as Secretary on the MGFOA’s Mentorship Subcommittee.

***Vendor Outreach Update***

Last month, members of the GLWA Procurement Team participated in the third annual Passport to Procurement Conference in Detroit. Over 200 individuals attended the event which was hosted by the Detroit Economic Growth Corporation’s BuyDetroit initiative. and aimed at connecting Detroit buyers, suppliers, and contractors across industries to new business opportunities.

GLWA participated in the “Meet the Buyers” conference session which provided vendors an opportunity to engage directly with procurement leaders from purchasing teams as well as supplier diversity leaders. Alongside DTE, Henry Ford Health, Comerica Bank, the Huntington Place, the Detroit Zoological Society and others, GLWA staffed a table where vendors could approach to ask questions and share information about their business and capabilities. GLWA procurement representatives connected one-on-one with over 100 vendors to share details about GLWA’s procurement process, navigating the Bonfire Procurement Portal, and current and upcoming procurement opportunities.

The March 2025 Procurement Pipeline is attached. This month’s Pipeline also includes a list of upcoming solicitations.

## **OFFICE OF THE GENERAL COUNSEL**

***Legislative Updates:*** The Office is monitoring infrastructure spending bills at the federal and state level, supporting the activities regarding proposed water affordability legislation, working with others to develop state stormwater utility legislation, and continuing discussions with members of the U.S. Congress, staffers, and various representatives of several regulatory agencies such as the EPA, to discuss various GLWA projects and capital improvement plans. On March 5, 2025, the General Counsel, along with CEO Coffey, and Deputy CEO Wolfson, met with members of the state legislature and other state policy makers. On March 31, 2025, the General Counsel accompanied the CEO, and Deputy CEO to Washington, D.C. for their 1<sup>st</sup> bi-annual trip of 2025 to meet with Congress and other policy makers. The GLWA team updated the D.C. stakeholders on the critical need for infrastructure investment highlighted by a close review of the recent Southwest Detroit watermain break.

***Gordie Howe International Bridge:*** GLWA filed a notice of claim with the Court of Claims related to its relocation claim. Discovery continues in this matter through January, and depositions are being scheduled. The Court entered a Stipulated Scheduling Order and Mediation was conducted for half day on December 6, 2024. Each party rejected Magistrate Mona Majzoub's settlement proposal. Accordingly, discovery continues and was scheduled to close February 28, 2025. MDOT recently filed a motion for Protective Order to limit the scope of remaining depositions, this motion has delayed final discovery in this matter. On March 25, 2025, MDOT's Motion for Protective Order was denied. Accordingly, Discovery is continuing and should be completed within a few weeks.

***June and July 2021 Rain Events:*** The Office is providing legal support in response to the significant rain events in June and July 2021. Recently, the trial court dismissed most of the lawsuits against GLWA based on governmental immunity. The Plaintiffs are appealing the decision, and oral arguments were heard on January 7, 2025. The Court recently dismissed an additional lawsuit related to the July 2021 storm event. The Plaintiffs are also appealing that decision. On January 7, 2025, the Court of Appeals heard oral arguments on the appeal. GLWA is optimistic that the appeals panel will affirm the trial court's dismissal of this action. A final decision from the Court of Appeals could take several months. There were no new lawsuits received by GLWA this month regarding 2021 rain events.

***Negotiations with the City of Dearborn:*** GLWA team members met with Dearborn representatives on March 17, 2025, in response to the Dearborn Mayor's concerns regarding potential infrastructure failure in the City of Dearborn following the severe water main break in Southwest Detroit. The GLWA team will be scheduling a meeting with the city of Dearborn (in the next few weeks) to discuss the specifics of the proposed negotiations of a model contract.

***Highland Park Settlement Agreement:*** On February 14, 2024, the GLWA Board voted to approve of the settlement agreement in final (or next to final) form. On March 18, 2024, the Highland Park City Council unanimously approved the Settlement Agreement between GLWA and the City. When the Settlement Agreement is fully executed, the trust incorporated as a part of the Settlement Agreement is funded, and initial distributions from the trust are



## **OFFICE OF THE GENERAL COUNSEL** (continued)

received, the Highland Park litigation will be closed. The trust has been funded and the initial distributions from the trust have been received. On June 10, 2024, the following Stipulated Orders were submitted to the Court: a stipulated order to dismiss the 2014 case; a stipulation for dismissal of the 2023 appeal from the 2014 case; a stipulated order for dismissal of the 2020 case; and a stipulated order for release of the cash bond to GLWA in the federal case. As of this reporting, all Stipulated Orders have been entered by the courts, and the cash bond in the federal case has been returned to GLWA. The parties, along with the Michigan Department of Environment, Great Lakes, and Energy have agreed to water meter locations and are now working to have those meters designed. The GLWA team and representatives of Highland Park are scheduled to meet within the week to discuss progress to date and city concerns in Highland Park.

***Mays, et al v GLWA:*** The Court recently entered an order partially granting GLWA’s Motion for Summary Disposition and partially dismissing Plaintiffs’ claims.

***Trenton Water Main:*** The Office is negotiating the transfer of the 24-inch water main to GLWA.

***Contract Negotiations:*** The Office is negotiating 30-year wastewater disposal services contracts with sewer member partners that do not have a model contract.

***Environmental and Workplace Safety Compliance:*** The Office continues to work with the COO and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations. As part of this collaboration OGC attended “Drinking Water in the Plasticene Era - What Utilities Need to Know About Microplastics;” “NACWA’s Lunch & Learn: The New Era of Succession Planning: Forget the Bench – Develop a Stadium of Leaders;” and “Laws and Ethics of Using AI in Utility Operations Management.”

***Federal Grants and Contracts:*** The OGC has commenced a checklist of the necessary changes that GLWA must make to its policies, standard operating procedures, and federal contract exhibits in compliance with the new Uniform Grants Guidance, which has become effective October 1, 2024. On January 20, 2025, the President signed many executive orders, one of which called for the Office of Management and Budget (OMB) to place a temporary pause of all grants, loan and other financial assistance. On January 29, 2025, OMB rescinded the memo and stated that the matters were still under review. This office will closely monitor all developments and their effects on GLWA.

***Industrial Pretreatment Program (“IPP”) & Industrial Waste Control Group (IWC):*** The Office continues to provide assistance on PFAS and PFOS matters. The Office is involved with ongoing Permit discussions with several Permit holders including Wayne County Airport; Ford Rouge Complex; Ford – Allen Park Landfill; FCA Jefferson; Selfridge Air National Guard Base and Marathon Petroleum.

## **OFFICE OF THE GENERAL COUNSEL** (continued)

**Real Estate:** The Office is working to secure licenses, easements, and acquire properties related to various water and sewer projects including the Hubbell-Southfield Facility Improvements; Northwest Interceptor to Oakwood CSO Sewer Project (NOCOS) and Farmington/8 Mile Facility Improvements. Each real estate transaction will be presented to the Board for approval when they are fully negotiated.

**Member Outreach:** The Office continues to be an active participant in Member Outreach sessions. OGC is reviewing the GLWA Fraud and Ethics Hotline Marketing Translations as part of the relaunching efforts. Several members of the OGC team attended the GLWA Women's Day Celebration Virtual Panel. Assistant General Counsel, Lavonda Jackson completed the Franklin Covey Impact Conference.

**Main Relocations:** The Office continues to support water operations in its discussions with community stakeholders regarding water main relocations. The 96-inch relocation project is proceeding, and coordination continues with ITC, Sunoco, Utica Community Schools, Rochester Schools and others for the upcoming North Dequindre segment.

**Civil Litigation and Arbitrations:** The Office continues to vigorously defend actions against GLWA. In October 2023, the Board authorized settlements of key litigation including a class action lawsuit regarding IWC charges and the collection actions against Highland Park.

The Office is working on implementing those resolutions. In August of 2024, DWSD was sued in a class action (Young vs City of Detroit) for damages related to a 2023 rain event and an alleged defect at the Bluehill Pump Station. While GLWA was not a named party, we are working in coordination with DWSD to resolve this matter at early facilitation.

On March 4<sup>th</sup>, after a full day of mediation, the parties reached a tentative settlement that affects approximately 147 claimants who sustained property damage in the Bluehill Pump Station vicinity. In addition to the Bluehill Pump Station matter, GLWA recently resolved the litigation known as: Genova vs. GLWA, through facilitation with Daniel Makarski.

**Labor Relations:** The Office continues to provide legal advice to Organizational Development on labor relations and employment matters.

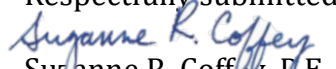
**Procurement:** The Office continues to assist GLWA's Procurement Team negotiate contracts, change orders and amendments and interpret contractual provisions. The Office is also assisting with the Procurement Policy's Procedures and updating GLWA's template contracts. The Office is part of a cross-functional team working to complete significant revisions to the GLWA construction contract, including consideration of using an entirely new contract format. The Office continues to provide advice on federal grant compliance.

**OFFICE OF THE GENERAL COUNSEL** (continued)

***Statistics:***

	#
Contracts approved as to form:	47
Contracts drafted or revised:	148
Subpoenas/Information requests received:	5
Subpoenas/Information responded to:	5

Respectfully submitted,

  
Suzanne R. Coffey, F.E.  
Chief Executive Officer

SRC/dlr

Attachment: March 2025 Procurement Pipeline

Welcome to the March edition of *The Procurement Pipeline*, a monthly newsletter designed to provide updates on doing business with the Great Lakes Water Authority (GLWA).

## Kahua PMIS Implementation Project

Last month, GLWA kicked off the implementation of its new Project Management Information System (PMIS) software, Kahua, which will help GLWA to streamline the delivery of its [Capital Improvement Plan \(CIP\)](#) as outlined in the [CIP PMP \(Program Management Plan\)](#). The Kahua PMIS system will be used by GLWA's CIP group, as well as GLWA engineers and contractors and will have a phased rollout over the next two years. Phase I, which has a targeted go-live date of April 2026, will migrate the current CIP planning process and documentation into Kahua. Phase II, which has a targeted go-live date of April 2027, will transfer the management of the day-to-day CIP program and project delivery into Kahua. Read below to learn more about the benefits of the new PMIS system.

- ✓ **Centralized project information.** The Kahua PMIS system will integrate several databases currently used by GLWA into one centralized platform that will enable GLWA and contractors to have shared access to key project info and documents.
- ✓ **Real-time project updates.** Kahua's cloud-based system ensures that as soon as changes are made to project documents, including costs and schedules, they will be visible to both GLWA and contractors.
- ✓ **Enhanced communication.** Kahua's system will help vendors communicate more effectively with GLWA project managers by allowing them to view and share project updates, manage tasks, submit deliverables, and track project progress.
- ✓ **User friendly mobile interface.** Kahua's user-friendly system allows for mobile access,

allowing GLWA and contractors to access project information anywhere.

Vendors should stay tuned to future editions of the *Procurement Pipeline* for additional information about the PMIS system and training opportunities.

## GLWA 2025 Vendor Outreach Event

GLWA is excited to announce that its 2025 Vendor Outreach Event will be held on September 25, 2025 at Macomb County Community College. GLWA encourages vendors to stay tuned to the Pipeline newsletter for event information and registration details. We look forward to seeing you there!

## Virtual Vendor Introduction Meetings

If you are interested in learning more about doing business with GLWA, contact us at [GLWAVendorOutreach@glwater.org](mailto:GLWAVendorOutreach@glwater.org) to schedule a virtual vendor introduction meeting. Topics include information on how to submit a competitive bid or proposal to any GLWA solicitation.

## Keeping up with GLWA

Our Chief Executive Officer (CEO) Monthly Report provides a wealth of information and news about important initiatives within GLWA's service territory that impact GLWA, its member partners, and the public. To read the February 2025 Monthly Report, please [click here](#).

## What's Coming Down the Pipe?

*Current Solicitations:* Register in GLWA's [Bonfire Procurement Portal](#) for new solicitations and contract award information.

*Upcoming Procurements: Next Three to Nine Months*—See newsletter page 2.

## Visit GLWA online!

To see the GLWA vendor homepage, please visit [www.glwater.org](http://www.glwater.org) or contact us via email at [procurement@glwater.org](mailto:procurement@glwater.org).

# Upcoming Solicitations March 2025

Category	CIP #	Description/Project Title	Budget Estimate
<b>Water System (next four to nine months)</b>			
Construction	111001	Lake Huron Water Treatment Plant – LH-401 Switchgear and Low Lift Improvements	\$95,000,000
Design Build	170803	Reservoir Rehabilitation Phase III	\$51,830,000
Professional Services	O&M	Heating, Ventilation, and Air Conditioning (HVAC) Building and Mechanical Systems Inspection, Repair, and Preventative Maintenance Services	\$24,000,000
<b>Wastewater Systems (next four to nine months)</b>			
Construction	260510	CSO Outfall Rehabilitation Phase VI	\$10,000,000
Construction	260206	Rehabilitation of 7 Mile Sewer System	\$15,000,000
Construction	273001	Hubbell Southfield CSO Facility Improvements	\$56,000,000
<b>Enterprise (next three months)</b>			
Information Technology	O&M	Information Technology Service Management Software and Implementation Services	\$750,000
<b>Wastewater (next three months)</b>			
Design	270007	CSO Facility Disinfection Improvements	\$2,000,000
Construction	270006	CSO Facility Improvements II	\$17,500,000
Construction	260904	Renovation of the New Administration Building 3 <sup>rd</sup> Floor	\$8,500,000
Construction	270004	Oakwood/Leib CSO Facilities Improvements	\$55,000,000
Construction	213006	WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities	\$16,000,000
<b>Projects moved to Procurement Team (Preparing for solicitation on Bonfire)</b>			
Professional Services	O&M	Low Voltage Wiring Task Order Service	\$5,639,560
Construction	112007	Structural Repairs, Northeast Water Treatment Plant	\$6,000,000
Professional Services	O&M	External Auditor Services	\$975,000
Professional Services	O&M	Investment Advisor	\$2,200,000
Professional Services	O&M	Grant Consulting Services	\$150,000
Professional Services	O&M	Staffing Services	\$750,000
Design	113010	Southwest WTP Flocculation Improvements	\$4,933,000
Professional Services	O&M	Task Order Engineering Services (TOES) Contract 2025	\$15,000,000
Construction	260210	Rehabilitation of GLWA Sewers; Ashland Relief, Linwood, Lonyo, Second Ave., and Shiawassee	\$26,870,036
Professional Services	O&M	Valve Reconditioning Service	\$54,000,000
Construction	122016	Downriver Transmission Main Loop – Phase 1 – Inkster Road	\$2,172,102
Professional Services	O&M	2025 Task Instrumentation and Control	\$7,500,000

Vendors should continue to monitor [Bonfire](#) for solicitation updates.

Acronyms		
WRRF: Water Resource Recovery Facility	CSO: Combined Sewer Overflow	WTP: Water Treatment Plant