Office of the Chief Executive
735 Randolph Street, Suite 1900
Detroit, Michigan 48226

August 27, 2025

The Honorable
Board of Directors
Great Lakes Water Authority

RE: CEO Report – August 27, 2025

Chairperson Miller and Directors,

I want to begin with updates on two recent operational challenges experienced by the Great Lakes Water Authority.

As you know, in recent weeks, GLWA has experienced unusual interruptions affecting its North Service Center facility and some of the communities it serves. At the same time, some impacted communities, including the City of Madison Heights, the City of Sterling Heights and the City of Fraser have been experiencing a high number of watermain breaks that are creating significant challenges for their residents, as well as their Public Works Departments.

To help us better understand this serious issue, we have established a task force with the impacted communities, as well as DTE Energy. The task force, which consists of a steering team, a technical team and a public information team, has been hard at work collecting and analyzing data provided by all parties with the ultimate outcome being the development of a solution to these frequent interruptions impacting both the regional and local systems. The group is also responsible for developing and distributing a regular cadence of communications on task forces' accomplishments and milestones.

We will continue to provide you with updates on the collaborative work being done.

Progress also continues on restoration of full triple power redundancy to the Water Resource Recovery Facility (WRRF). The DTE Energy (DTE) team has experienced a slight delay in progress due to a leaking conduit which connects DTE's 120KV line to WRRF Transformer 1. The conduit has been replaced and tested and is ready for termination of cables to the transformer. DTE anticipates a return to service for WRRF Transformer 1 by mid-September.

The DTE team also continues to manage and monitor the standby generators and the additional standby transformer, which provide redundancy to WRRF Transformer 3, which is fed through an ITC transmission feed. GLWA continues to work with DTE on the long-term

replacement plan for the DTE conductors that support WRRF Transformer 1 and 2. The generators will remain on site and available as a redundant power supply until the repair of the leaking conduit and return to service of Transformer 1 that is described above is completed.

In addition to building resiliency with our regional system, GLWA is also committed to building resiliency within our organization. One of the ways we do this is by investing in the professional growth of our team members.

To that end, it gives me great pleasure to announce the professional advancement of two of our highly skilled and talented team members to newly created leadership positions within our Information Technology (IT) Group. Lynn Herrick, who has nine years of service with GLWA, is now our Deputy Chief Information Officer and Bryon Wood, who has been a part of the GLWA team for eight years, is now our Strategic Technology Officer.

As Deputy CIO, Lynn will focus on "People and Process," driving change initiatives, enhancing operational performance, and incorporating strategic roadmaps into cybersecurity, infrastructure, and service delivery. She will also guide IT policy development, process improvement, and governance through steering committees and cross-functional collaboration.

In his new role, Bryon's leadership will focus on "Process and Technology." He will inform and prioritize GLWA's Information Technology roadmap, assess and enhance the IT Group's capabilities, and integrate and operationalize emerging technologies. In addition, he will continue to function as Program Manager on large and complex technology enterprise implementations for GLWA such as its Project Management Information System, Kahua.

Please join me in congratulating Lynn and Bryon on their new roles!

I am pleased to share that in July, I was elected to the Board of Directors of the National Association of Clean Water Agencies (NACWA), the leading voice for public clean water utilities across the country. I will serve a three-year team and represent Region 5, which includes Michigan and other Great Lakes states.

As stewards of the Great Lakes, we have a duty to ensure long-term sustainability, equity and resilience in the systems we manage. I look forward to offering our region's perspective to the national conversation.

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

First, I would like to congratulate a number of our Water Technician Apprentices who have successfully passed their certification exams and earned their State of Michigan Department of Environment, Great Lakes and Energy credentials:

- Justin Moody, who earned F4 certification;
- Tierra Gilliam, who earned F4 certification;
- Taji Goins, who earned F4 certification;
- Kaylean Pittman, who earned F4 certification; and
- Kalill Fomby, who earned F3 certification.

Well done, all of you!

Finally, as the summer comes to a close, I want to thank all of our interns who brought incredible energy and ideas to the teams they worked with over the last several months. At our Group Leadership Team meeting at the beginning of this month we were treated to presentations by many of them (individually and in groups) focusing on a wide array of the projects they undertook, and well as what they learned. I was so impressed! I want to thank our Organizational Development Group (OD) for their commitment to making our internship project an example for the Water Sector. A special thanks goes out to OD Director Patricia Butler and Human Resources Generalist Alicia Parker for their tireless efforts in coordinating the program!

PLANNING SERVICES

Capital Improvement Planning (CIP)

In July, the CIP Group continued collaborating with the Water and Wastewater Groups to update project data in the CIP portal, including project statuses, scopes, delivery methods, phases, and scoring.

The team initiated comprehensive reviews of the CIP project portfolio with the Water and Wastewater Engineering Groups. These reviews aim to update forecasts and align project budgets with the financial targets for the FY 2027–2031 CIP development. Multiple alignment sessions throughout the month focused on water and wastewater forecasts and scenario planning.

Water-focused meetings concluded with the development of a proposed water system scenario, now under review and evaluation by the Financial Management and Planning Group. The sessions with Water Engineering leadership supported strategic decision-making, refining the prioritization of immediate system needs while balancing long-term considerations for reliability, constructability, health, safety, and operational efficiency. Significant progress was made on the alignment of water projects, while wastewater alignment efforts remain underway. The CIP Delivery Teams, supported by the Financial Management and Planning Group, will continue working to align wastewater projects with the financial plan for the FY 2027–2031 CIP.

The CIP Program Controls Team reviewed project schedules for 34 active contracts—13 water and 21 wastewater. Strong coordination among the CIP Program Controls Team, project managers, and project consultants has enabled proactive identification of schedule-related issues and risks. This approach enhances communication between GLWA project managers, contractors and consultants regarding potential mitigation measures and improved cash flow forecasting.

With support from the Information Technology Group, the CIP Group advanced the implementation of the Project Management Information System (PMIS), Kahua. Kahua representatives, in conjunction with GLWA's program management consultant, AECOM, finalized the phase one System Implementation Plan and made key decisions to move the project forward.

The CIP Group is pleased to announce the release of the 2nd revision of the Program Management Plan (PMP). Updates were based on user feedback and were thoroughly reviewed before release. The next PMP update will begin in January 2026. All PMP chapters, forms, and standard operating procedures are now available on the GLWA Teams Channel for full consultant access.

PLANNING SERVICES (continued)

Lastly, in July, the CIP Group and Financial Services Team Members hosted a lunch and learn session for the Core CIP Delivery Team titled "PMP – Understanding Actuals and Cash Flow Forecasting". The session focused on improving CIP tracking and forecasting capabilities.

July CIP Lunch and Learn-PMP – Understanding and Accessing the Forecast File

These collective efforts in July strengthened the planning process and reinforced the foundation for effective program management and delivery tracking.

Enterprise Asset Management Group (EAMG)

Over the last three months, EAMG has conducted dedicated weekly asset management and NEXGEN (GLWA's newly implemented computerized maintenance management system) data integrity meetings with the Water Treatment Plants (WTP). These sessions have focused on identifying WTP needs, resolving issues, and providing training and development opportunities for operations and maintenance team members.

Through this collaboration, several new processes and enhancements have been implemented, helping standardize work across WTPs. Each week, the EAMG visits a different water treatment plant, addressing site-specific needs while expanding knowledge and leveraging synergies across the system.

PLANNING SERVICES (continued)

Key accomplishments include:

- Developing an inspection program for WTP generators.
- Establishing inspection and preventive maintenance programs for automated external defibrillators and other safety equipment.
- Delivering targeted NEXGEN training.
- Scoping and developing dashboards to improve NEXGEN data retrieval and visualization. Providing training on the use of these dashboards to review and manage performance at each WTP.
- Showcasing asset management best practices across the organization.

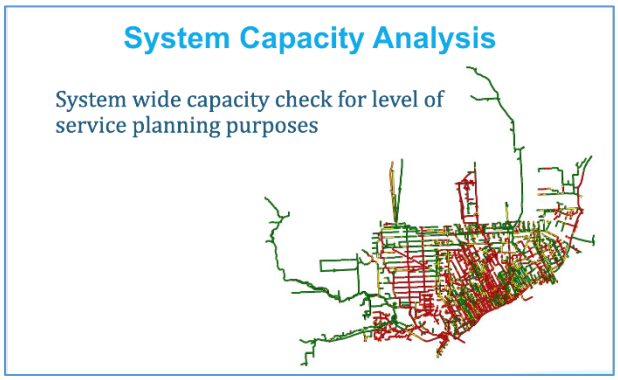
EAMG Team members working with staff (Left to Right), Lake Huron WTP, Southwest WTP, Northeast WTP

Each session has provided an opportunity for the EAMG to share knowledge gained from working across GLWA, while also gathering valuable feedback to continually strengthen the asset management program.

Member Services Group

The virtual *Capital Improvement Planning (CIP) work group* meeting held on July 1st highlighted the process of scoring and prioritizing CIP projects for FY 2027-2031, which incorporates industry-standard criteria and annual updates for process improvements. GLWA's consulting partner, AECOM, provided updates on the capital program management project, including the development of a comprehensive Program Management Plan and the phased implementation of Kahua, a new project management information system, to streamline data and enhance reporting. Procurement Manager, Michael Lasley, shared information about GLWA's tax-exempt status, advising vendors to consult their tax advisors when determining exemption from sales and use tax. The next CIP Work Group meeting will be held virtually on September 30th.

PLANNING SERVICES (continued)



A core task of the Regional Operating Plan is to assess and report on the performance of the regional system

On July 11th, the *Wastewater Analytics Task Force (WATF)* hosted a question-and-answer session with Wastewater Chief Operations Officer, Navid Mehram. They also reviewed flow meter dye dilution test results and learned about screening criteria for the biosolids study, which will determine the best combination of methods for biosolids processing at the Water Resource Recovery Facility for the next 30 years. Management Professional, Eric Wahrman, provided an update on the Regional Operating Plan, and United States Army Corps of Engineers Southeast Michigan Flood Study consultant, LimnoTech, described their process of using "blue spot" surface drainage analysis to identify areas susceptible to flooding during extreme rainfall events. The WATF will meet next on September 5th, in person.

The *HR Roundtable* met on July 17th via Zoom to explore collaborative opportunities to build awareness of water sector careers. Discussion focused on the Southeast Michigan Career Quest, an upcoming event that gathers thousands of local high school students in a *hands-on career exploration experience* with our region's high-demand industries. The next HR Roundtable will take place in person on September 25th.

The *Water Analytical Work Group (AWG)* met on July 22nd, and covered key topics, including metering in Highland Park, the annual analysis of retail sales versus wholesale water demands, and proposed tasks for GLWA's 2025 Water Master Plan. The Water Master Plan is a 24-month project to address aging infrastructure, optimize capacity, and ensure water quality and affordability for southeastern Michigan. Additionally, an announcement was made that users of Aquasight's AURA Smart Water platform are required to re-register to continue accessing weekly reports and other alerts in the system. See the linked handout for instructions HERE. Finally, the meeting highlighted Southeastern Oakland County Water Authority's successful remote telemetry pilot for water meter reading and GLWA's 120-inch transmission main condition assessment. The AWG will meet next in person on September 23rd.

On July 24th, the *Water Management Best Practices (WMBP)* work group met at Dearborn's Department of Public Works. Members received an overview of Dearborn's water system and exchanged best practices related to preparing for sanitary surveys and conducting water reliability studies. An example of a sanitary survey background and preparation checklist can be found HERE. Additionally, the group provided input for an upcoming fall workshop, which will focus on crucial elements for the successful implementation of the Incident Command System structure to ensure effective and coordinated emergency responses. The next WMBP meeting will take place on September 17th.

PLANNING SERVICES (continued)

Wastewater Analytics, Planning & Metering (WwAPM)
Construction began on July 7th for the City of Center Line Meter Pit Improvement Project. The old meter and associated piping were removed and replaced with new piping and a range-gated Doppler meter. The project remains on schedule for completion by August 29th. In collaboration with the City of Grosse Pointe, a pair of level sensors (radar and pressure transducer) were installed downstream of the Neff Road Pump Station just before the Fox Creek enclosure. The level sensors will measure the discharge hydraulic head of the pump station—a critical component for improving wet weather flow computations using pump curves.

City of Center Line meter pit

WASTEWATER OPERATING SERVICES

Operations

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

Garden results of fertilizer

Garden results of fertilizer

Garden results of fertilizer

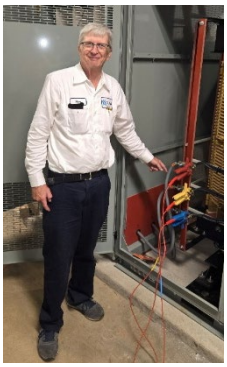
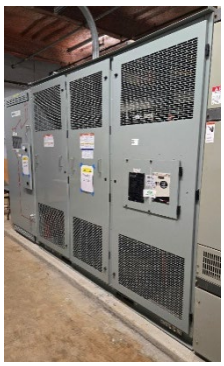
On July 29, 2025, the total residual chlorine (TRC) daily average measurement at monitoring point 050A (Rouge Outfall) was 963 µg/l, exceeding the limit of 38 µg/l. Because of a faulty flow meter, one side of the Rouge Outfall channel was closed partway through a discharge event. It was discovered after a high TRC measurement and confirmed with another sample a short time later that the pumps that feed the dechlorinating agent sodium bisulfite (SBS) into the two sides of the channel were misidentified in the Ovation control system, most likely several years ago. This resulted in SBS being fed to the closed side and no SBS being fed to the open side. Both the flow meter and the incorrect controls for the pumps have been corrected. A total of 56 team members participated in a complimentary fertilizer program, taking advantage of the opportunity to receive free fertilizer for their personal use. This is a great way for team members to nurture their lawns with essential nutrients, promoting growth and increasing sustainably as the fertilizer is produced at the Biosolids Dyer Facility.

WASTEWATER OPERATING SERVICES (Continued)

Maintenance


Right: Old pump-motor unit with liquid drive. Left: Liquid drive removed and pump-motor unit now direct drive.

The Primary Team executed a pilot project on one of the sludge pumps in Sludge Pumping Station No. 3. The modification was completed on Sludge Pump No. 24 and consisted of removing the liquid drive and reconfiguring the pump and motor to be a direct drive unit. The liquid drives are obsolete, a significant user of secondary water, difficult to maintain and are inconsistent with the pumps at Sludge Pumping Stations Nos. 1 and 2, which are direct drive pump-motor units. The new direct drive unit was tested satisfactorily, and the plan is to now implement the direct drive on the remaining three pumps at Sludge Pumping Station No. 3.

Power Management Team Leader Ray Zdonkiewicz at the testing of the new transformers.

The Power Management team completed the replacement of the transformers in the New Administration Building. The previous transformers were 30 years old with poor results on recent preventative maintenance testing. These transformers are the source of power to the Process Control Center, Hypo Building, and other critical loads. In addition to replacing the transformers, they were also added to the main power source of the WRRF, Electrical Building No. 1, for increased reliability and stability. This replacement and improvement project will improve the power reliability of critical assets at the WRRF.

Left: Concrete damage around manhole. Right: Concrete repairs completed around manhole.

The Dewatering Team noticed that some of the manholes outside the Dewatering Complex were in disrepair and a potential hazard. The area was immediately blocked off and repairs of the concrete around the manholes to mitigate any safety concerns began. This dedication by the Reliability and Maintenance Engineering Team to be vigilant in correcting deficiencies ensures that Team Members and contractors working on-site have safe working environments.

WASTEWATER OPERATING SERVICES (Continued)

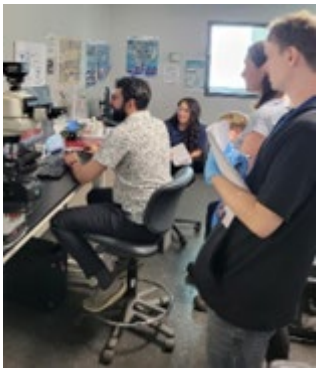
The Facility Team performed a clean-up and 5S project in the Vehicle and Grounds Maintenance Building. This building is utilized by the Facility and Central Support Teams for fabrication, tool and equipment storage and preparing for work around the WRRF. The 5S project allowed the teams to access the equipment and tools they need quicker, making their workday more efficient. It also improved the housekeeping and safety conditions of the WRRF for teams working in that space.



Before and after photos of the clean-up effort in the VGM building.

Laboratory

Chemist ***Chris Easterling*** has been testing and compiling data for solids analysis, comparing standard laboratory analyses taking hours, with a microwave benchtop analyzer only requiring a few minutes to obtain results. The data is promising, but more testing is needed. The laboratory has also acquired an optical analyzer to compare the total suspended solids standard analysis that requires filtration and long drying times. The goal is to better understand the accuracy of the methods and compare time and cost savings. Currently, process control analyses, including determination of solids content, requires a full-time Team Member assigned to the task on each shift, 24 hours per day, 365 days of the year. The data is provided to the Operations Team to monitor and control the treatment process.


Chemists Dan Agnew, Justin Dzioba and Hainite Tuitupou during a microscope demonstration.


Chemist Elliott Boinais is analyzing a solids sample from the dewatering process, an analysis that takes at least three hours.

The Wastewater Microbiology Group is looking for a new microscope with enhanced capabilities to better serve the WRRF Team. At a recent microscope demonstration, the team evaluated semi-automated imaging technology and Artificial Intelligence supported software. The technology would greatly reduce staff time for microbial analysis of the High Purity Oxygen Reactors. The team has recently started quantitative analysis of Phosphorus Accumulating Organisms (PAOs). The goal is to provide baseline and continue process

monitoring after implementation of an Enhanced Biological Phosphorus Removal (EBPR) process. In support of the WRRF Aeration Decks Nos. 1 and 2 Improvements (contract

2102926), the WRRF laboratory will not only monitor the abundance of PAOs, but also the concentration of Volatile Fatty Acids (VFAs). The method development is currently underway, led by Chemist ***Rob Stinolis***. Both PAO presence and VFA (PAO food source) availability are measures of Phosphorus removal capacity. Increased biological phosphorus removal capacity will not only help meet compliance and reduce the environmental impacts of nutrient loadings to the watershed but also have the potential to significantly reduce chemical costs. Frequent and accurate monitoring is key to ensuring successful EBPR operations.

To ensure compliance and limit eutrophication effects in the watershed, the WRRF monitors phosphorus in the effluent and through the process. For process control, the lab is using hach kits for analysis. Chemist ***Hainite Tuitupou*** has initiated a project assessing the feasibility of developing a method to replace the purchased kits. During this summer's intern projects (Interns ***Lauren Sample*** WRRF laboratory, ***Angela Lee,*** Research & Innovation, and ***Alexandria Kochanek***, Asset Management), as well as due to a recent supply issue, the team was able to utilize a prototype. The goal is to comparatively assess the cost and analysis time for the 'homemade' kits.

The WRRF laboratory is performing fecal analysis only during wet weather events, where Combined Sewer Overflow (CSO)personnel are delivering samples to the laboratory. Samples must be processed (planted) within six hours of taking the sample. During unexpected events, with many samples often being received at once, the team must ensure proper and timely analyses. To assist, Chemist ***Hainite Tuitupou***, with support from the team, developed instructional posters that have been placed strategically in areas where fecal coliform analyses are being performed, samples are being received, and ongoing analyses are being recorded.

Instructional Poster for Fecal Coliform analyses.

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

As part of contract 2004538, the Seven Mile CSO facility is receiving a new control system. The OT/PACS team conducted three days of software testing to validate basic stop/start/open/close control software functions for all gates, valves, chemical feed pumps, sampling pumps, chemical mixers, and bar racks at the facility. The testing was conducted

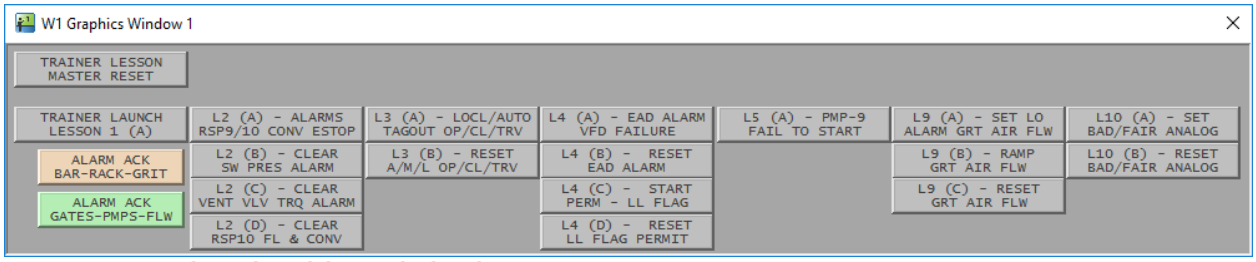
using a virtualized replica of the DCS (distributed control system) software environment with simulated equipment response feedback.

In addition to the basic start/stop/open/close testing, the team validated all automated controls, including pump auto start/stop based on level setpoints, valve open/close automation, automated facility basin gate control operation, the automated basin flushing sequence, and level-controlled dewatering automation. The team also tested the new DCS graphics to ensure proper representation of equipment conditions (including alarm status) and proper function of all control faceplates.

High Performance Graphics and Alarming (HPG&A) Hands-On Operator Training for Wastewater Operations Team Members continued. To date, sixteen two-and-a-half-hour classroom sessions have occurred and a total of 122 Operations Team Members, providing them with hands-on experience with the new HPG&A control system graphics and alarm displays.

Each participant is provided with an overview of the graphics navigation system, alarming, recognition of equipment states (running/stopped/open/closed), diagnosis of control permission losses, understanding control failure displays and instrumentation (point quality) information. The OT/PACS instructors also guide each participant through the process of starting and stopping equipment and entering/adjusting control setpoints using a dedicated pump simulation based on the WRRF's Pump Station No. 2.

As the fall season approaches, the team expects to conclude the hands-on sessions and move into the next phase of the HPG&A rollout, control room deployments. During this phase the OT/PACS team will visit all major WRRF and CSO and monitoring areas to configure workstations displays and alarm filtering settings for the new graphics, receive feedback, and conduct one-on-one training where needed.



Instructor Control Panel used during the hands-on training sessions

Work commenced on a WRRF Boiler Controls Replacement Project. The OT/PACs team worked with electrical contractors to remove the existing programmable logic controller-based control system to prepare the site for installation of the replacement distributed control system. Demolition and installation work is expected to continue, with site acceptance testing to follow.

WASTEWATER OPERATING SERVICES (Continued)

Industrial Waste Control

WRRF Engineering and Industrial Waste control groups prepared an RFP (Request for Proposals) to implement a study of the Oakwood Sewer District and part of the City of Melvindale for assessing sources of PFAS Compounds and develop remediation and mitigative activities within this sewer area which was posted on May 27th, 2025. The proposal submission date was July 13, 2025.

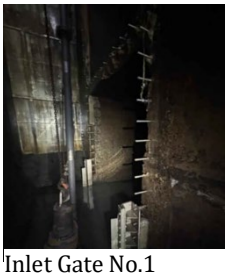
In response to this RFP, two bid packages were received for the Per- and Polyfluoroalkyl Substances Compound Study Community Grant were received and are under review. . Following completion of evaluating these proposals, a vendor will be selected.

Wastewater Projects in Construction

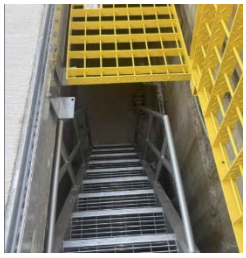
CIP Construction

CIP 211006, Contract 2103350 – PS No.1 Improvements (WRRF)

Work is ongoing across multiple project areas However, the contractor is behind schedule, with key milestones that are delayed. The lower wet well remains on the critical path. A notice to cure was issued to Weiss on July 25, 2025, with a recovery plan due for submission. Weekly meetings with Emerson aim to expedite submittals and workshop items to reduce further delays. For Electrical Building No. 37, Wade Trim raised concerns about the structural integrity of completed walls due to potential issues with reinforcing steel and bond beams. Wade Trim has asked Weiss to conduct Ground Penetrating Radar (GPR) testing, which may lead to partial or full wall replacement based on the findings. The north wet well work is delayed due to wet weather and operational constraints, estimated to be completed in the first week of September 2025. The south wet well work is estimated to be completed by January 2026. Per a request from United States Environmental Protection Agency, a site visit is scheduled for September 9, 2025, for American Iron and Steel requirements as part of funding.



Inlet Gate No.1 Replacement



New Stairs at Venturi Vaults

Housing Pads for Medium Volt MCC

CIP 211007, Contract No. 1904337/SCN-0000409 and 2300154/SCN-0000518 – Pump Station 2 Bar Rack & Grit System Improvements

This project upgrades the bar screens to finer screens and installs an improved grit processing system at Pump Station No. 2 (PS2) at the WRRF. Commercial Contracting Corporation (CCC) rerouted major underground utilities, including Screened Final Effluent water, natural gas, electrical duct banks, and half of the storm drains. They demolished the Sample Building

(MPI-2) on PS2's south side, removed Generator D-1 on the north side, and are now demolishing the Monorail Building. Crews will remove the steel structures above grit channels nos. 15 and 16. At the end of August, the team will shut down the pump station for five days to install bulkheads that will isolate a portion of the rack and grit for construction.

Demolition of Monorail Building by Homrich

Removal of Generator D-1

CIP 211011, Contract No. 2201762 – Pump Station 1 Rack and Grit HVAC System Upgrade
Change Order No. 1, requesting a time extension only, is pending approval from the Board of Directors. The contractor completed repairs to the damaged north wall ductwork, installed Exhaust Fan EF-1 with related brick repairs on the south side, and installed EF-10. Ongoing work includes the chimney connection and remaining ductwork for EF-10, as well as electrical and controls for both EF-1 and EF-10. The final city inspection is scheduled with the Building Management System integration and is targeted for this month as well.

EF-1 Installation and Brick Repairs

New Modified Duct Work at NE Wall

WASTEWATER OPERATING SERVICES (Continued)

CIP 212008, Contract 2102926 – WRRF Aeration Decks 1 and 2 Improvements
The Design-Build Team continues to advance the design towards the 60% design milestone. The WRRF stakeholders attended numerous workshops since the 30% design milestone. The development of specifications and drawings for the main transformers, Intermediate Lift Pumps (ILP) and related components, and the mixer/aerator design has been accelerated due to the long lead times associated with the procurement of these. Confirmation of final design requirements of these long-lead items is planned to take place in the following weeks. A workshop was held to define and implement Reliability Centered Design (RCD) concepts. RCD goals for this project are to have process equipment designed for efficient, reliable, safe, stable and controllable operation with only minimal maintenance. Routing of the new fiber optic cable from the Administration Building Process Area Control room to the Aeration Decks has been investigated and is currently being finalized.

CIP 213007, Contract CON-197 – WRRF Modification to Incineration Sludge Feed Systems at Complex II
Weekly coordination meetings are being held with various project representatives to discuss the inspection/rebuild/testing of motors at VDG Ontario facility and preparation for the onsite inspection of the system at WRRF. Three motors were sent to VDG's Ontario facility for inspection and rehabilitation. Rehabilitation of the aforementioned motors has been completed and sent back to the WRRF for reinstallation. The load bank test was conducted on July 31, 2025 on the same motors as a pre-test for on-site pilot testing. Furthermore, in preparation for the pilot testing, the team began inspecting the entire system to ensure readiness. As part of this effort, the H, P7/8 and G motors were found non-functional and shipped to VDG's Shelby Twp facility for inspection/rehabilitation.

CIP 216006, Contract 1903601 and 1903598 – Assessment and Rehabilitation of the WRRF Yard Piping and Underground Utilities
Parallel potable water main line installation in the tunnels under the Administration Building is ongoing. Plans to enter the women's locker room to get a new water service from the tunnel to the Ragland Building are anticipated to begin soon. The secondary water main lining from the Waste Activated Building to the railroad tracks has one block left to complete. Natural gas line replacement around the primary clarifiers, Phase Nos. 5 of 7, are complete with 80% of No. 5 done. The Screened Final Effluent (SFE) large diameter gate valve assessment program is planning Phase 3 (operating the gate valves) with the next shutdown being planned at 4th and A Avenues. The common trench from the east end of the Rectangular Clarifier gallery into Pump Station No. 1 is expected to start installation soon. The 18" SFE line replacement (SFE-12) is currently in installation.

CIP 216011, Contract No. 2100239 – WRRF Facilities Structural Improvements
The Contractor is currently working at Aeration Basin (AB) No. 3 and Primary Clarifier (PC) No. 16. During the removal of existing joints for repairs at AB No. 3, additional unforeseen damage was discovered, which will increase both the duration and cost of the repair work.

WASTEWATER OPERATING SERVICES (Continued)

Repairs at AB No. 4 may be delayed due to scheduling conflicts with the ongoing Aeration Project. The Contractor is also scheduled to complete handrail replacements at PC Nos. 13 and 14 by the end of September 2025, pending the release of the tanks by Operations. Some of the stone repairs within courtyard may be delayed due to the front entrance project schedule.

CIP 222002, Contract DB-226 – Rehabilitation of the Detroit River Interceptor (DRI) from Alter Rd. to WRRF
In Reach No. 1, the final three punch list repairs remain on hold due to operational conflicts between the Freud Pump Station project and ongoing Fairview Pump Station operations. In Reach 3C, crews remain on standby due to ongoing work related to the OMID diversion and the Pump Station No. 1 project. The revised access date is now projected for December 2025.

CIP232002, Contract No. SCN-0000586 - Conner Creek Pump Station Storm Water Pump Replacements
The contractor continues with the submittal process and plans to mobilize to begin demolition and construction of the new south entrance from Clairpointe Street. New entrance gate improvements are being coordinated with DA Central, Inc. Shop drawings for the replacement storm pumps (No. 3 & 7) will soon begin. Site work at East Lake Baptist Church is being closely coordinated with church leadership because it continues to be occupied.

CIP 232005, Contract No. 2204605 - Freud SPS Improvements
The contractor completed construction of the new 24-inch & 48-inch sanitary sewer that replaces the existing Detroit Water and Sewerage Department sanitary sewer on Freud St. Construction of the 6, 8, 16 and 24-inch water mains and tie-ins are complete. Disinfection and sampling work is ongoing. The contractor continues work on the Detroit River Interceptor (DRI) structure that will accommodate the 36-inch" force main that will connect the Freud Sanitary Pump Station to the DRI. Construction of the 36-inch force main on Navahoe St. is underway and the contractor is installing ribbing inside the 16-foot diameter Ashland and Fox Creek Relief Sewers for the upcoming secant pile installation. Ongoing work at the Freud Storm Pump Station includes installation of motor cooling water piping and roof drains.

CIP 260207, Contract No. 2004082 – Rehabilitation of the Woodward Sewer
The project's contract time has expired. The Contractor has demobilized. Remaining contract work has not been completed. The city of Detroit does not accept some of the ROW restoration. A claim has been made regarding the performance bond, and the bond company has hired an outside council, and they are investigating the claim. Discussion with the bond company, Lanzo, and both their attorneys is ongoing.

CIP 260614, Contract No. 1902224 – CSO Facilities Structural Improvements
The Contractor continues to work on close out documents. Delivery of the generator is currently expected by the end of November 2025. The Contractor is planning to complete

work related to the new generator by end of December 2025. Final quantities of as-built drawings are being reviewed and finalized.

CIP 260701, Contract 2102859 – Conveyance System Infrastructure Improvements
Regulatory improvements are completed at outfalls at nearly all the Detroit River outfall locations and several of the Rouge River outfall locations. Backwater gate fabrication and installation are complete on the Detroit River and is underway on the Rouge River. Instrumentation and controls have been tested for acceptance at outfalls Nos. B-5, B-6, B-10, B-14, B-15, B-16, B-21, B-22, B-26, B-28, B-29, B-30, B-31, B-34, B-35, B-40, B-44, B-52, B-65/65B, B-69/70, and B-85. Site modifications to the United States Army Corps of Engineers facilities at outfall no. B-7 are complete. Coordination is ongoing with the Rosa Parks and Jefferson reconfiguration project that is being conducted by the city of Detroit is now complete. The project is behind schedule and will be extended via change order.

CIP 260701, Contract 2201142 – Conveyance System Infrastructure Improvements: Sewer In-System Storage Devises (ISD) and Valve Remotes (VR) Improvements
ISD equipment installation is complete. Improvements to VR gates are behind schedule due to supply issues. All ISD sites manhole modifications are complete. Engineer-directed repairs to inflatable dams have been completed, with a handful of punch-list items remaining. The project has passed the final completion time and a change order for a time extension is in review by the Board of Directors.

CIP 222001, Contract No. 2304897 – NWI to Oakwood CSO Sewer
The Pinch Valve delivery by the manufacturer is delayed. There will be a key milestone time extension for their installation when the effects of the delayed delivery can be calculated. The project is beginning to receive force majeure claims for tariffs related to tunneling components and starting to work through those. The precut for the secant piles for the mining shaft is complete and the pile installation for the launch shaft has begun. Work plans for the shaft in the Oakwood CSO Facility are being reviewed. Overburden from the excavation will be stockpiled and restored on Liddsdale Street for three years until it is needed for backfill.

CIP 260204, Contract No. 2103688 – Conner Creek Sewer Rehab
The Conner Creek CSO forebay (upstream of the bar racks) improvements have commenced and will be ongoing through early 2026. Grouting of the double and triple barrels will resume in early fall and be done by mid-winter. The contract will reach final completion in early 2026. A change order and amendment for time will be coming shortly to move the substantial and final completion dates to the current expected completion times.

CIP 260903, Contract No. 2201744 – Front Entrance Rehab
Bi-weekly coordination meetings continue to be held with project representatives to coordinate project status and tasks. The contractor is working on the installation of foundations for the Main and Ragland canopies, and the construction of the air riser vent. Parking sign installation is nearly complete. Masonry work on the Jefferson screen wall has been completed.

WASTEWATER OPERATING SERVICES (Continued)

CIP 260905, Contract No. 2203675 – WRRF Plumbing Shop Improvements
This project is nearing completion. The pending items are the installation of badge access system on the front door of the building and conducting training for the project to achieve Substantial Completion. The training is scheduled for August.

Non-CIP Construction:
Contract No. 2400626 Task J2-42 – Incineration Complex II Building Hoist Improvements.
The Contractor completed the concrete repair in the project and completed the plumbing work that is part of the project, which rerouted the 3-inch potable water line at the basement floor level.

Contract No. 2100330-1 Task J2-22A - Demolition of the Brick Storage Building
The Brick Building and strip foundation have been demolished, and debris removal is ongoing. An appeal will be submitted to the city of Detroit requesting approval to leave the foundation piles in place. A change order for a time extension will also be submitted to account for delays at the project outset related to locating and disconnecting underground utilities.

Contract No. 2100330-6 Task J2-09 - Replacement of Electrical Substation EB-17
Equipment Shutdown Requests Nos. 1 and 2—covering the disconnection of the Bird Building power feed from EB-17 and the 13.8 kV cable disconnection from EB-17 have been approved. The associated work has been completed. The temporary power setup from the Secondary Office Building to the Bird Building is in progress and site deliveries are ongoing.

Contract No. 4000696 Task 37T - WRRF and CSO Process Cameras
The 90% design walkthroughs for the WRRF and CSO Facilities with D/A Central and GLWA were completed in July. The walkthrough report has been submitted to GLWA. Design development is underway, with issue for bid drawings targeted for completion by end of November 2025. The pilot project has been closed out, and final payment is forthcoming.

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

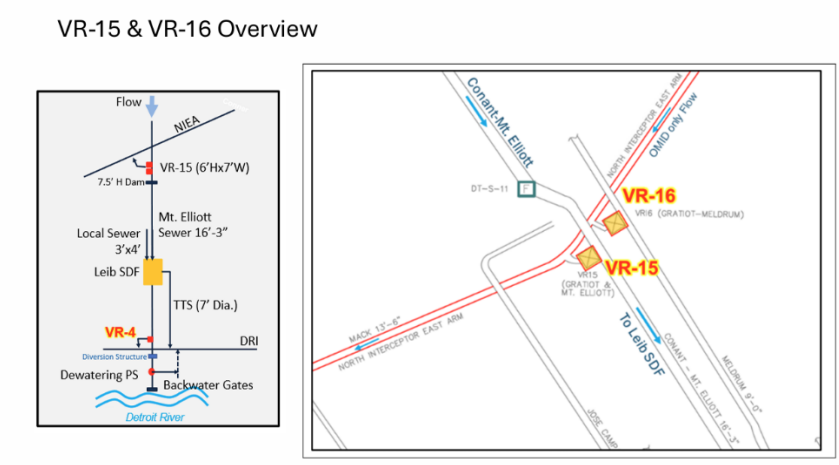
The Wastewater Conveyance and CSO Team is committed to furthering professional development and expanding the knowledge of our team members. To do so, multiple types of training have been offered in the last month. Two of the most essential trainings provided in July were the Pump Training Program and the Valve Remote 15 (VR-15) and Valve Remote 16 (VR-16) Operations training.

WASTEWATER OPERATING SERVICES (Continued)

Team members in the Pump Training Program were taught about the components and inner workings of electric pumps. This overview includes:

- How centrifugal pumps work
- An overview of electric motors, motor starters, soft starters, and Variable Frequency Drives
- The universal components of centrifugal pumps and what they do
- Common preventative maintenance practices and why they are important
- Common issues in sewer/stormwater pumping applications
- Troubleshooting – how does the pump communicate with us, diagnosing potential issues when we see over-amperage, moisture, temperature information

The VR-15 and VR-16 Operations Training was given to staff of critical operational levels to learn the purpose and impact of the gates during dry and wet weather. For VR-15, two gates are to remain fully open during dry weather. As critical levels are reached, the valve remote gates are closed according to the Interim Wet Weather Operations Plan. Additionally, VR-16 gates are to remain fully open during both dry and wet weather. With this information, the CSO Team Leaders and Mangers now have a broader understanding of the collection system and how the VR-15 and VR-16 gates are to be opened and closed.



VR-15 & VR-16 Overview

Additional training courses for the month included; the monthly Hydro University Wednesday Webinar which covers the foundational characteristics of pumps with a focus on the aspects of vertical pumps over electrical pumps, Operational Graphics Ovation training which is geared toward those who operate using Ovation to prepare for upcoming updates to the software and Datasource training by JCI for CSO Leadership which is aimed at monitoring fire alarm systems for activities and reporting at all CSO Facilities with the goal to increase system resiliency by ensuring the proper steps will be taken in the event of a fire at any of our facilities

WASTEWATER OPERATING SERVICES (Continued)

The trainings help provide team members with the knowledge and the tools to respond to wet weather events when necessary. The less time used before responding means more time to fix whatever issue may arise and prevent mishaps.

As the world develops technologically, the Conveyance and CSO Teams plan to take advantage of new innovations to create more efficient management practices. As part of this effort, the team began a pilot program to test XpertEye headsets in daily operations. These are hands-free wearable computers that have a camera, a small display, and allow the user to hold conference calls via the internet. Additionally, they have flashlights and can take photos and videos when connection is not available. The conference call software allows multiple individuals to join and see exactly what the headset user sees. This would allow leadership team members to assist technicians remotely from anywhere in the world, so long as they have an internet connection. To mitigate any connection issues, the IT team has registered 5G hotspots to each headset which will allow the user to utilize it outside of the range of WiFi.

The headsets are being tested at different locations to identify potential issues and ensure the headsets are working properly. So far, the team has tested at a few remote sites with no complications. Moving forward the headsets will continue to be tested in and around pump station and CSO facilities. If all goes well, Conveyance and CSO Team Members will be able to receive hands-on assistance from leadership whenever needed, which will save time and increase productivity.

XpertEye headset

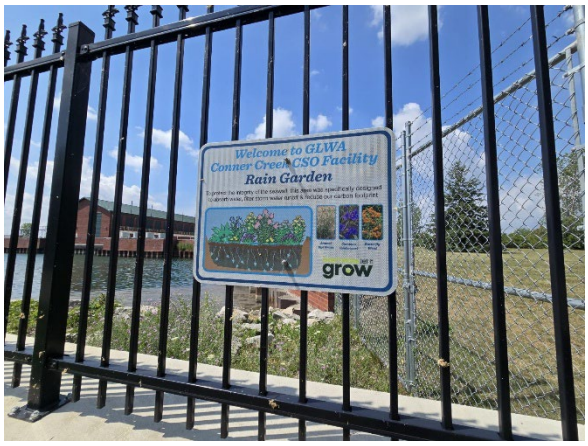
A few months ago, the Conner Creek CSO Facility began a landscaping project to protect the seawall berm facing Clairpointe Street. A berm is a hill of soil and rock that is intended to prevent river water from overflowing. The landscaping for this project is ongoing to create a rain garden in this space. This rain garden consists of native prairie grasses and flowering plants that sequester stormwater instead of it entering the collection system. Gardens like these reduce the impact of stormwater on the system, provide habitat for small insects and

WASTEWATER OPERATING SERVICES (Continued)

animals, and increase biodiversity. This will also prevent more destructive species of plants from taking root and potentially damaging the seawall.

The plantings on the berm have grown steadily and are in good health. The landscaping company will continue to provide upkeep on the garden as needed. Additionally, signs detailing the project have been posted to describe the rain garden's purpose and prevent unnecessary mowing of the area. The landscaping is expected to endure the colder months and continue to grow in next spring.

Native grasses and plants growing on the berm



A sign detailing the Rain Garden

Updates are being made to the laboratory at the Puritan Fenkell CSO Facility using 5S, a method of organization used to sort items and standardize workflow. Sorting and getting to dispose of unnecessary items, cleaning the room, and ordering new furniture is complete.

WASTEWATER OPERATING SERVICES (Continued)

Once the new furniture arrives, the team will set it up and begin labeling which will complete the project for this laboratory This will lead to the next CSO facility lab to standardize.

The Flushing Solids Pumps (FSP-2)/lighting pre-construction kickoff meeting was held to describe the work to be performed under the FSP-2 and Lighting Project/Contract which includes installation of a new 8-foot by 6-foot hatch near the FSP-2 pump and installation of new poles and lights for the effluent gates at the Conner Creek CSO Facility.

Last month, the team members at Conner Creek CSO Facility had the pleasure of hosting the Mandela Washington Fellowship for Young African Leaders. Established in 2014, this prestigious program consists of fellows between the ages of 25 and 35 from across the African continent who have shown remarkable leadership skills and led innovation in their communities. During their time here, they were given a tour of the facility to learn, generate, and share ideas on stormwater and collection system management techniques that they can apply in the various African countries they hail from.

CSO Manager ***Shadrack Ampomah*** attended the annual week-long Collection System and Stormwater Conference in Houston, Texas hosted by the Water Environment Federation in partnership with the Water Environment Association of Texas. There he learned about other entities' techniques for stormwater and collection systems operation and maintenance. In addition to Shadrack's own professional development, he was able to brainstorm new ideas with other professionals at the conference to increase system resiliency for multiple organizations. Attending an event like this is a great way to research new innovative practices to potentially implement in our system and network with others from across the country.

The Sewage Pumping Station (SPS) team welcomed ***Stephan Teasley*** as their newest Maintenance Technician. In this role, Stephan will support the team by assisting with maintenance at multiple SPS facilities which will increase overall system reliability. Welcome to the team, ***Stephan***!

WATER OPERATIONS AND FIELD SERVICES

Facility Operations

Water Works Park Water Treatment Plant

The GLWA Facilities team has a specific eye as they travel to all facilities looking to ensure environmental safety from a structural perspective. While Operations and Maintenance focus on the assets in the room of a facility to deliver water services, the Facilities team focuses on the room itself. They focus on the assets that protect our ability to deliver water services – assets like gates, fences, lighting, doors, and windows. The GLWA Facilities team has replaced the broken windows in the Water Works Park (WWP) High Lift Building.

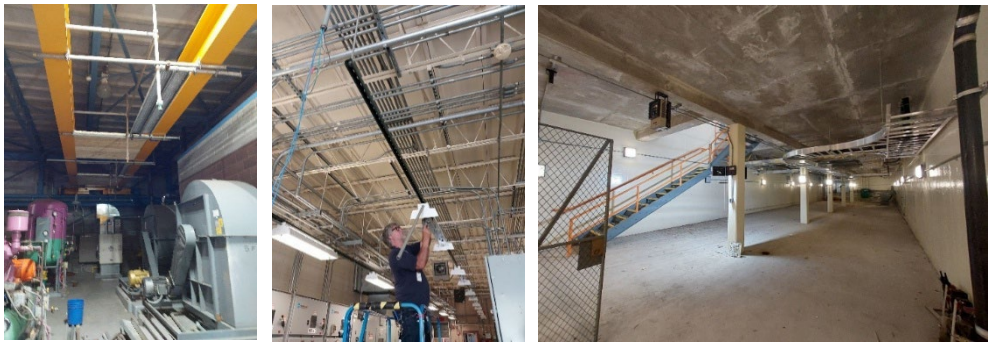
Windows being repaired at WWP Administration and High Lift Buildings

High Lift Building window repairs complete

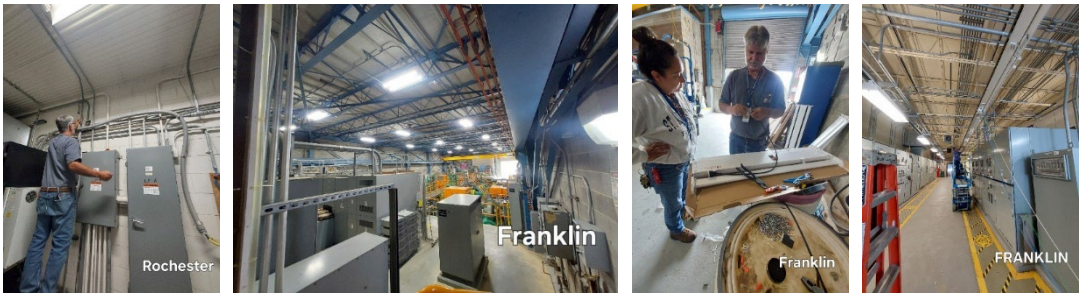
Franklin Station/ Rochester Station

The Electrical team completed relighting of the high-bay and has moved on to the switch gear area and the basement at Franklin Station. They also are relighting the exterior of Rochester Station. Additional scaffolding was built by Facilities carpenters to access lights over equipment.

<u>WATER OPERATIONS AND FIELD SERVICES</u> (continued)



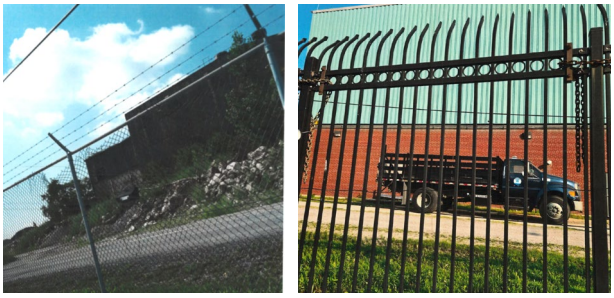
Work to re-lamp Franklin Station continues, pictured is Electrical Control Instrumentation Technician (EICT) Thomas Medici



Franklin Station continues to be re-lamped, pictured is Maintenance Technician Denise Jimenez with EICT Thomas Medici

Fences and Gates

Facilities Skilled Maintenance Technician, Corey Bouyer, continues with fence and gate preventative maintenance and repairing loops as needed. Facilities is working with GLWA Security & Integrity Captain Michael Gaydos at Water Resources Recovery Facility (WRRF) on repairs to the perimeter fence.



Damage to fences and gates are being addressed

We are working with Security at WWP to secure fences and gates around our facility near the neighboring Roostertail property. We are also working at WRRF to repair gates at the Detroit Marine Terminal bus turnaround location.

<u>WATER OPERATIONS AND FIELD SERVICES</u> (continued)

Gate repairs at WRRF and WWP

Overhead Doors Repairs

The Facilities team and Secure Door, Inc. repaired doors at Lake Huron Water Treatment Plant and WWP. As a result of heavy usage and vehicles passing through openings, these doors experience significant wear or get damaged often.

High speed roll-up doors and overhead roll-up doors repaired

Safety

GLWA's Facilities team continues to respond to and correct work orders pertaining to safety as a priority. We address lighting, exit, safety equipment, and hazardous conditions daily. Also, we are assessing the worst of the doors for operational issues and developing a plan to repair ourselves or enlisting the assistance of one of our door repair vendors.

Man doors at a variety of facilities in the process of assessment, evaluation, and repair by contractor

WATER OPERATIONS AND FIELD SERVICES (continued)

Research, Innovation & Transformation

Biological Phosphorus Removal

Biological phosphorus removal (BPR) is an important process that removes approximately 50-75% of incoming phosphorus into the Water Resource Recovery Facility (WRRF). BPR is carried out by a group of bacteria collectively known as the phosphorus-accumulating organisms (PAOs). PAOs store phosphorus in its high energy polymeric form, known as polyphosphate (poly-P). To monitor the health of these microorganisms, the laboratory staff at WRRF monitor PAOs by staining the poly-P using the Neisser staining method. This process is currently time consuming, and it has not been cross-validated with another method. The Research and Innovation team is currently contacting the company Aster Bio who has a commercial DNA-sequencing based method to monitor the presence of PAOs. We are hoping to cross-validate the results of the staining method with the DNA sequencing method.

Conference Participation

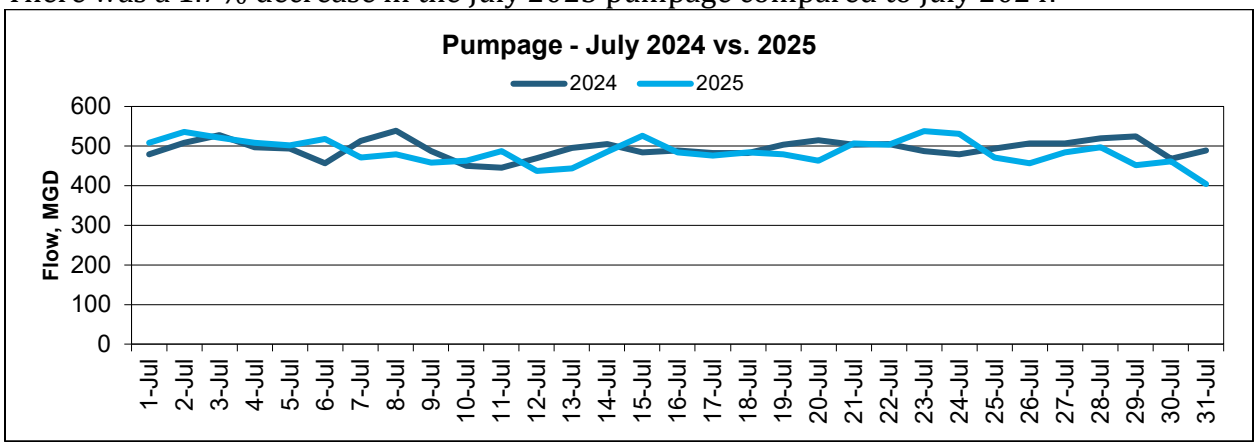
Dr. Tolofari attended the 11th Microbial Ecology and Water Engineering Conference at the Georgia Institute of Technology in Atlanta, Georgia. As described on the conference website, the thematic motivation of the conference was to shine a light on the successes and challenges of the microbial community in the application of ecological theory and design to manage microbiomes, including biofilms, in the water sector and the impact of the communities' research on the water industry and public health. As a major water provider, it was pertinent that GLWA was represented at this conference to assimilate the information and technology presented, to share current challenges faced by the organization and elicit recommendations and suggestions from members of the community and experts in the field. Dr. Tolofari moderated a session entitled "Distributing Water" in which she facilitated conversations around pressing research needs in the field of drinking water microbial ecology and the role of water service providers in managing water microbiome in the distribution system.

WATER OPERATIONS AND FIELD SERVICES (continued)

Dr. Tolofari also attended the Gordon Research Conference Microbiology of the Built Environment that focused on microbes inhabiting air, surfaces, and water associated with various built environments and their consequences to human health, environmental health, and infrastructure functionality and resilience. She presented the topic "Risk Assessment Guided Design of Distribution System and Building Plumbing for Control of Opportunistic Pathogens". The presentation encouraged conversations around the role of water service providers in sustaining water quality in the built environment and providing information to the communities served. GLWA was the only water service provider represented at the conference and our presence provided an opportunity to inform the academic community about the current research projects of the organization and the opportunities to collaborate on potential future projects to improve water quality.

Systems Control Center

There was a 1.7% decrease in the July 2025 pumpage compared to July 2024.



WATER OPERATIONS AND FIELD SERVICES (continued)

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. 2 and basin No. 3. The project is on track for final completion by March 18, 2027.

CIP No. 122004 (Contract No. 2300600) 96-Inch Water Transmission Main Relocation - Phase 2
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 completed installation, filling, and testing of all 8,000 feet of transmission main. All surface restoration for the project is completed and impacted roadways have been re-opened to the public. The project remains on track to be completed five months ahead of schedule, with an anticipated final completion in late-August 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 2 pipe for the contractor involved with Contract No. 2300600. Contract close-out is expected to take place by the end of summer 2025.

WATER OPERATIONS AND FIELD SERVICES (continued)

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 3 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 3 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 an updated production schedule that shows projected delivery of the valves to GLWA in October and December 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 1-3). The consultant will be assisting GLWA in Phase 3 design review activities and construction oversight.

CIP No. 122004 (Requisition No. 2401015) Design Build of 96-Inch Water Transmission Main Relocation- Phase 3
Project Manager: Corey Brecht
This phase of the 96-inch relocation was awarded by the GLWA Board in April of 2025 and notice to proceed was issued to the contractor on June 27, 2025. The scope of this project phase includes final design and construction of the pipeline alignment, connections, line stop, temporary booster pump station, isolation valves, and pipeline appurtenances. Project final completion is scheduled for December 31, 2028.

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. The consultant has submitted a revised 90% design package for the switchgear and low lift pumping improvements, which is sufficiently complete to proceed to final, biddable documents. A construction contract for this portion is expected to be bid within the next fiscal year. Designs for the high lift pumping, wash water, and phosphoric acid systems have been submitted at the 60% completion level and are currently under review. An amendment request from the consultant is anticipated to fully incorporate federally mandated changes and the latest project adjustments. GLWA staff are evaluating this project to consider where cost reductions may be implemented.

CIP No. 111006 (Contract No. 2101680) Lake Huron Filter Instrumentation and Raw Water Flow Metering Improvements
Project Manager: Eric Kramp

WATER OPERATIONS AND FIELD SERVICES (continued)

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. There are two phases with this project. Phase 1 consists of evaluating and validating GLWA's understanding of what work is necessary and then designing a complete set of construction documents. This phase has been completed. Phase 2 is the construction phase of the work designed in Phase 1. The GLWA Board awarded Phase 2 of this project in July 2025. Work on this phase of the project is expected to start by the end of summer 2025.

CIP No. 111012 (Contract No. 2004549) Lake Huron Flocculator Improvements
Project Manager: Eric Kramp
The purpose of this project is to upgrade the rapid mix and flocculation systems at the Lake Huron Water Treatment Plant to meet current standards. The study phase is complete. For the rapid mix system, the existing configuration of four mixers—two in each of two raw water conduits—will be retained, but the mixer sizes will be increased. Job Order Contracts and procurement documents for the new, larger mixers are currently in development and under quotation. This work is being prioritized to maintain the schedule agreement between Michigan Department of Environment, Great Lakes, and Energy (EGLE) and GLWA. The engineer has submitted a basis of design and a 30% conceptual drawing set. The 30% design costs were out of alignment with proposed CIP budgets, so hydraulic flocculation and other auxiliary improvements were removed from the project. The flocculation system, as revised, includes vertical mechanical flocculation for stages 1-3 within the flocculation basins has been selected as the preferred solution. The construction phase for this work is scheduled for completion May 2031.

CIP No. 170802 (Contract No. 2201316) Reservoir Rehabilitation Phase 2 (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 (September 2023 through April 2024) was completed at the Wick Road, Eastside, and Schoolcraft locations. The second season of the project (September 2024 through April 2025) included reservoirs at Joy Road Station, Ford Road Station, Haggerty Station, Michigan Avenue, and the Water Works Park Water Treatment Plant. The third season of work (September 2025 through April 2026) includes reservoirs at the North Service Center Pump Station, Joy Road Pump Station, Northeast Water Treatment Plant, and Adams Road Pump Station. 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

WATER OPERATIONS AND FIELD SERVICES (continued)

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 the utility bridge is 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. Project is scheduled for completion by the end of the summer 2025.

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 1 of the project with Phase 2 of the project to include new reservoirs and reservoir pump house. The design phase for the replacement of line pumps and switchgear will be complete and ready for bidding by the end of 2025.

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 No. 5 and No. 6 are accepted by GLWA, flocculators for basins No.7 and No. 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. The project has been awarded and was approved by the Board. The Notice to Proceed will be issued for this project in late summer 2025. The project is scheduled for completion by December 2029.

WATER OPERATIONS AND FIELD SERVICES (continued)

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. The final season of work is scheduled for September 2025 through April 2026.

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 No.5 and No.6 have been tested and put into service. The western yard piping is currently under construction and will be completed by the end of summer of 2025.

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 of 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. 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.

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. We have recently reviewed the 60% design deliverables and submitted review comments to the consultant. The consultant is currently addressing GLWA review comments and working on the preparation of the 90% design deliverables expected in late summer 2025.

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 sedimentation basins at Southwest Water Treatment Plant. Equipment will be removed in basin No.1A and removed and replaced in basins No.1B and No.2A. The first basins, No.1A and No.1B have been completed and turned over to Southwest plant staff. Project is in a delay period waiting on the sludge removal contractors to be able to finish their work at

Springwells Water Treatment Plant and begin work removing sludge from the remaining basins to be worked on at Southwest Water Treatment Plant.

CIP No. 122016 (Contract No. 1803942) Downriver Transmission Main Loop
Project Manager: Vittoria Hogue
The 100% design for this project is completed. Project involves installation of a looped main in the downriver area along Inkster Road, between Wick Road and Pennsylvania Road, to maintain service in the event of a break along the existing water mains. This project also includes demolition of Electric Avenue Pump Station reservoirs, and upgrades to the various meter pits. Project is expected to have construction start by summer of 2026.

CIP No. 132010 (Contract No. 1803312) West Service Center Pumping Station – Reservoir, Reservoir Pumping, and Division Valve Upgrades
Project Manager: Timothy Kuhns
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. The 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. Pavement and site restoration are completed. The project will reach final completion by end of August 2025.

OFFICE OF SYSTEM RESILIENCY (OSR)

Joint Task Force to Investigate Increased Member Partner Water Main Breaks

The OSR is leading a joint effort with the cities of Madison Heights, Sterling Heights, and Fraser to investigate an unusually high number of water main breaks this summer. There are currently over 100 breaks that have occurred in these communities. There has been an increase in the interruptions of power to the North Service Center and this may be a factor in the breaks. DTE Energy and GLWA have combined with the cities to form a joint task force to investigate the issues, develop a root cause analysis, and determine the best path forward to address the issue. Support from Water Engineering, Operations, Field Services, and Public Affairs are being provided to conduct the investigation and keep Member Partners informed on progress and conclusions.

Detroit River Interceptor Rehabilitation

The critical path for the project continues to run through Reach 3C, where crews remain on standby due to ongoing Oakland Macomb Interceptor Drain diversion work and the Pump Station 1 project. Access to this reach is now projected for December 2025. At the Fox Creek Regulator Structure, Phase 2 wall construction is complete, with all formwork removed. Crews have finished the HOBAS pipe punch list, and demolition of the existing outfall is underway. Once demolition is complete, dry weather flow will be rerouted through the new pipe, enabling construction of the Regulator roof and subsequent sliplining of the East Jefferson Relief Sewer. Work is also progressing at the Fox Creek Intake Structure, where the slide gate has been installed. The new DTE Energy power connection remains on schedule, and the actuator will be installed upon delivery.

Energy Management

OSR Energy continues with the survey under the professional services contract, SCN-0000631, for the Light-Emitting Diaode lighting upgrades at Water and Wastewater pumping stations. GLWA recently received $66K energy efficiency incentive from DTE Energy for the installation of a new variable frequency drive at Adam's Rd. Booster Station.

Support to WRRF during single-ended power emergency

The OSR continues to support Water Resource Recovery Facility (WRRF) to address the failure of two of the three redundant 120,000-volt main feeds to WRRF.

Currently, there are 14 two megawatt generators onsite and wired to provide up to 28 megawatts of temporary power to WRRF in the event the third feed fails. There are also two spare generators onsite. DTE Energy has also installed a temporary transformer near the intersection of Dearborn and Copeland and has strung overhead and emergency lines to provide a 13,800-volt supply, capable of running most of WRRF, online in about four to eight hours, should a failure occur on the third redundant feed.

OFFICE OF SYSTEM RESILIENCY (OSR) (continued)

DTE Energy is also actively working on repair of the Maxwell 1 feed and designing full replacements of both Maxwell feeds from the DTE Energy substation to the WRRF.

Sample Blue Spot Analysis map

Flood Resiliency Study

The project team is reviewing preliminary results from a "BlueSpot" analysis conducted by LimnoTech as part of the US Army Corps of Engineers Southeast Michigan Flood Risk Management Feasibility Study project. This Geographic Information Systems-based tool uses hydro-enforced elevation data from the State of Michigan Department of Technology, Management & Budget to identify low-lying areas where runoff may accumulate during storm events if no drainage outlet is present, increasing reliance on below-grade infrastructure to prevent flooding. The analysis models runoff accumulation for various rainfall depths and is one of several screening tools—alongside historical flooding records and model-based analyses—being used in a data-driven approach to identify focus areas for further investigation. A summary of the project, public meeting materials, and project updates can be found at the Southeast Michigan Flood Risk Management Feasibility Study webpage. For questions or to provide feedback, please contact SEMIFloodStudy@usace.army.mil.

Operations & Resiliency

The OSR worked with Water Engineering, Water Quality, and Systems Control Center to bring the Joy Road reservoir rehabilitation project to successful completion. The project resulted in "lessons-learned" between all staff with recommendations to develop checklists to streamline similar future projects.

The OSR is working with Water Engineering to review the proposed pump manufacturer for the Lake Huron Water Treatment Plant and other proposed booster station work in the GLWA system to ensure that the specified pumps will meet or exceed the service

OFFICE OF SYSTEM RESILIENCY (OSR) (continued)

requirements at each installation. Integral to this determination is on-site inspection of the manufacturer's facilities to make sure industry standard quality assurance procedures are being followed.

Additional priorities include providing support to Systems Control Center, Water Engineering, and Water Production with technical evaluations to determine the viability of operating the Imlay Pump Station under reduced pressure conditions.

On-the-Job Training and Knowledge Transfer

On The Job Training with Mechanical Group

A comprehensive chart and engagement plan is in development to align available water and wastewater materials with their most impactful target audiences, ensuring resources are effectively leveraged to meet operational and training priorities. The Water Transmission Group has launched a pilot of On-the-Job Training (OJT) that integrates the podcasts and videos developed by the OSR, with Organizational Development engaged to ensure the initiative is embedded in broader workforce capability efforts. To date, 16 podcasts have been completed and are being distributed to GLWA Team Leaders on a bi-weekly schedule, supporting continuous knowledge transfer and skill enhancement across the organization.

INFORMATION TECHNOLOGY

IT Security

In the past month, the IT Security team has proactively blocked or thwarted 62,468 spam messages, 17,791 spoofed messages and 32 viruses. Additionally, 16,338 phishing attempts have been caught, and 6,282 malware attempts have been blocked.

IT Business Productivity Systems

The IT Business Productivity Systems team, in collaboration with the Organizational Development group, implemented Manager Insights Hub. The Manager Insights Hub is a centralized platform within Workday designed to enhance visibility by leadership team members of their team members by consolidating various tasks and reports in a central location. It provides quick access to essential functions like approving absence requests, viewing learning enrollments and completions, acting on hiring next steps, and understanding open positions, enabling leaders to support their teams more efficiently.

The IT Business Productivity Systems team working with the Public Affairs group successfully developed and launched GLWA's Open House Registration System for WRRF tour in September. The platform enables real-time registration tracking and automated confirmation for event organizers.

IT Enterprise Asset Management Systems

The IT Enterprise Asset Management Systems team, in conjunction with Capital Improvement Planning, Water & Wastewater Engineering, Financial Services Area and the Procurement Groups, continues to support the implementation effort for the GLWA's Project Management Information System (CIP), Kahua, to deliver Capital Improvement Program (CIP) planning and program and project management delivery. In July the Project Management Team (PMT) completed a major project milestone by completing the final draft of the Phase 1 (CIP planning) System Implementation Plan (SIP). Through a series of workshops and a meeting with Northeast Ohio Regional Sewer District (NEORSD) the PMT also reached a key decision on how projects will be structured and managed within Kahua. The team continues to make progress through technical workshops with the Stellar and Kahua teams on data migration and integration discovery. Configuration for Phase 1 implementation based on the SIP is beginning in August.

IT Customer Service Delivery

The IT Customer Service Delivery Team in collaboration with the IT Infrastructure Team, IT Project Management Office, the Systems Control Center (SCC) Team and our Verizon Wireless and Osisoft PI vendors successfully completed the Enterprise Messaging Access

INFORMATION TECHNOLOGY (continued)

Gateway (EMAG) project. EMAG is Verizon's new text messaging platform replacing the discontinued 'VTEXT' solution. It allows users to send text messages bidirectionally via

email. The SCC and Water Resource Recovery Facility (WRRF) Team Members monitor wet weather alarms through Osisoft PI system. Those alarms previously were set up to send text messages using the VTEXT solution to approximately 47 Team Members' cell phones. Whenever a wet weather event triggered an alarm in the PI system, the Team Members were notified 24/7/365. Once the VTEXT solution was discontinued by Verizon, the alarm notifications stopped working, increasing the risk for Team Members to not be able to appropriately monitor wet weather emergencies. The new EMAG solution has been tested, implemented, and is working successfully, removing that risk completely.

IT Emerging Technology

Emerging Technology Council met on July 25th, with 33 members. The project management processes for emerging technology pilots are optimized to expediate pilot projects.

XpertEye supports remote maintenance assistance

The GLWA Wastewater Conveyance & Combined Sewer Overflow (CSO) group requested an Augmented Reality (AR) tool to support their remote operations and provide maintenance assistance for their CSO and Sewage Pumping Station facilities. The goal of this pilot was to identify and implement a technology that allows remote assistance and superimposes digital information on the user's view of the real world without blocking the user's vision. Before this pilot there was no tool in GLWA that supports this functionality. To fulfill this request, the IT Enterprise Asset Management team has piloted AMA's XpertEye AR solution to support remote operations. Two pairs of glasses were rolled out in July.

IT Project Management Office (PMO)

Currently, the IT PMO is managing 18 active projects and is processing three project requests. The PMO is also assisting with 18 initiatives.

PUBLIC AFFAIRS

An Educational Journey Through Wastewater Treatment

The Public Affairs Creative Services Team, in partnership with Wastewater Operations, has begun production on a new educational animated video on the wastewater treatment process at the Water Resource Recovery Facility. The project will use engaging imagery and animations, along with easy-to-understand language to explain GLWA's very complex treatment process. The video is scheduled to be released this fall.

Director of Operations Majid Khan is interviewed on top of the Administration Building at WRRF, explaining the treatment process.

Public Affairs Interns Create Reels to Explore the World of GLWA Interns

Public Affairs Interns Taylor Arthur and Thearin Dawson took on an exciting project to showcase the diverse roles and responsibilities of GLWA interns. Inspired by the popular Vogue 73 Questions format, they conducted rapid-fire interviews with five interns, offering a fascinating glimpse into their daily experiences and contributions within their respective departments. Click the image below featuring Wastewater Laboratory Intern Lauren Sample, and journey into a day in the life of a GLWA intern.

PUBLIC AFFAIRS (continued)

Celebrating GLWA Interns

On July 31, GLWA celebrated National Intern Day, to express our gratitude to our dedicated interns who bring fresh perspectives, boundless enthusiasm, and innovative ideas to our teams. Their hard work, eagerness to learn, and commitment do not go unnoticed. Intern contributions play a vital role in keeping our teams dynamic and innovative. At GLWA, we appreciate their energy and dedication, and we're excited to support their professional growth.

PUBLIC AFFAIRS (continued)

Young Professionals Network Announces New Leadership

On Tuesday, July 29 more than 50 young professionals gathered for the GLWA Young Professionals (YP) Network meet and greet to welcome new leadership. Conveyance and CSO Management Professional Raneisha Williams-Fox has stepped into the role of Chair, and Water Operations Management Professional Darian Wells joins as the Vice Chair. Also, Financial Services Professional Administrative Analyst Kendra Taylor will serve as the Professional Development Coordinator, and Wastewater Operating Services Engineer Alyssa Gruda will take on the role of the Social Networking Coordinator. Please join us in celebrating this transition and supporting them in their new roles!

(Left to Right) Vice Chair Darian Wells, Professional Development Coordinator Kendra Taylor, Social Network Coordinator Alyssa Gruda and Chair Raneisha Williams-Fox

SECURITY AND INTEGRITY

The Hazmat Unit coordinated and completed a total of 167 hours of training during the month and also completed 377 total training hours for the Security and Integrity group for the month of June.

The group participated in the Single Point of Failure planning meetings with Chief Resiliency Officer Todd King and the Resiliency Team.

The group attended the Downtown Detroit Partnership meeting with the Detroit Police Department.

Security and Integrity hosted a committee meeting to discuss weapon training topics such as use of our training weapons simulator, use of our weapons cleaning system, and ArmorerLink, our weapons tracking system.

ORGANIZATIONAL DEVELOPMENT (OD)

Performance Team

Internship

As part of their summer experience, interns explored the WRRF facility and learned about the wastewater process on July 9, 2025.

Intern WRRF Tour

ORGANIZATIONAL DEVELOPMENT (continued)

On July 23, 2025, interns took the spotlight at Water Works Park. Interns presented their summer projects to their peers and shared intern experiences. Interns learned about projects in finance, security, engineering, chemistry lab, capital improvement, asset management, organizational development, public affairs, and research and innovation. Learning about each other's impactful contributions expanded the intern's knowledge of the vast number of jobs that are required to produce water of unquestionable quality.

The GLWA Summer Internship Program 2025 Interns

Apprenticeship

GLWA apprentices receive excellent related training instruction and on-the-job learning to prepare them for required certification exams. During the second quarter of 2025, these Water Technician apprentices successfully passed their certification exams and earned their State of Michigan Department of Environment, Great Lakes, and Energy (EGLE) credentials:

- Justin Moody, F4 certification.
- Tierra Gilliam, F4 certification.
- Taji Goins, F4 certification.
- Kaylean Pittman, F4 certification.
- Kalill Fomby, F3 certification.

Performance

Fiscal Year 2026 Baseline Goal Planning Performance Reviews were successfully launched on July 7, 2025.

ORGANIZATIONAL DEVELOPMENT (continued)

Outreach and Events

Great Lakes Commission Water Workforce Roundtable

Patricia Butler, OD Director, represented GLWA at the Great Lakes Commission (GLC) Water Workforce Roundtable held in Grand Rapids on July 15th and July 16th. The Roundtable's focus was to build a community of practice focused on strengthening existing and building new programs to train the next generation of drinking water, wastewater, and stormwater professionals. Patricia was a panelist for the July 16th session entitled *Older Teenager and Young Adult Engagement*.

(James Polidori, GLC; Patricia Butler, GLWA; Chakena Sims, Natural Resources Defense Council; Hillary Caron, City of Grand Rapids Water System)

HR Roundtable

The OD Performance Team, with Bridgeport Consultants, co-hosted a virtual HR Roundtable to continue building our Employer-Led Collaborative (ELC) with member partners. Alicia Parker, Human Resources Generalist, provided an overview of the November 2025 Southeast Michigan CareerQuest. Alicia invited member partners to join GLWA's exhibit at this event.

Training

During July, 18 instructor-led training courses were delivered to 77 GLWA team members, totaling 90 instructor-led training hours. In addition, 67 online self-paced training courses (e.g., KnowBe4 and 360Water) were completed, totaling 51 self-paced training hours.

ORGANIZATIONAL DEVELOPMENT (continued)

Benefits and Wellness

During July, the following benefit and well-being sessions were delivered to GLWA team members:

- Meditation
- Virtual Well-being
- Retirement plan education
- Water Transmission Team
- BCBSM Senior series

The One Water Wellness team visited seven facilities to interact with team members and respond to benefit and wellness related questions.

Financial Well-being

Retirement Planning Education Series
MissionSquare Retirement Plan Specialist, Doug Featherstone, Jr. met with team members at various locations to review retirement goals and individual portfolio performance. In addition to an on-site Lunch and Learn / education seminar to further educate team members on retirement goals.

Physical Well-being

Men's Health Initiative hosted "Build & Burn – Men's Guide to Fitness and Food"
Celebrating the three-year anniversary of the GLWA Men's Health Initiative, the Men's Health Steering committee was honored to have Aaron Scott and Chris Nilsen, instructors with Wayne County Community College District facilitated five sessions. With 70 team members participating, each session focused on nutrition, self-care and physical health.

GLWA Men's Health Initiative: Build & Burn session at the Water Resource Recovery Facility

GLWA Men's Health Initiative: Build & Burn session at the Central Services Facility

ORGANIZATIONAL DEVELOPMENT (continued)

The participants provided very positive feedback of this programming...

- I feel like the program was very informal and very useful to my everyday life.
- Yes, it was very beneficial
- Yes, plenty of life lessons Aaron!
- Yes, I would highly recommend
- This was very informative

Spring Walking Challenge: 31 Days of Health

Together, 47 team members logged 17,030,123 steps (8,515 Miles) in 31 days! That is equivalent to walking from New York to San Francisco three times!

On-site team winners: Keep It Stepping 4.0 (Southwest Water Plant)

- Aaron Butler, Team Leader, Field and Plant Operations (Team Captain)
- Audrey Jason, Team Leader, Field and Plant Operations
- David Sumler, Maintenance Technician, Field and Plant Operations
- Tamika Winston, Team Leader, Field and Plant Operations

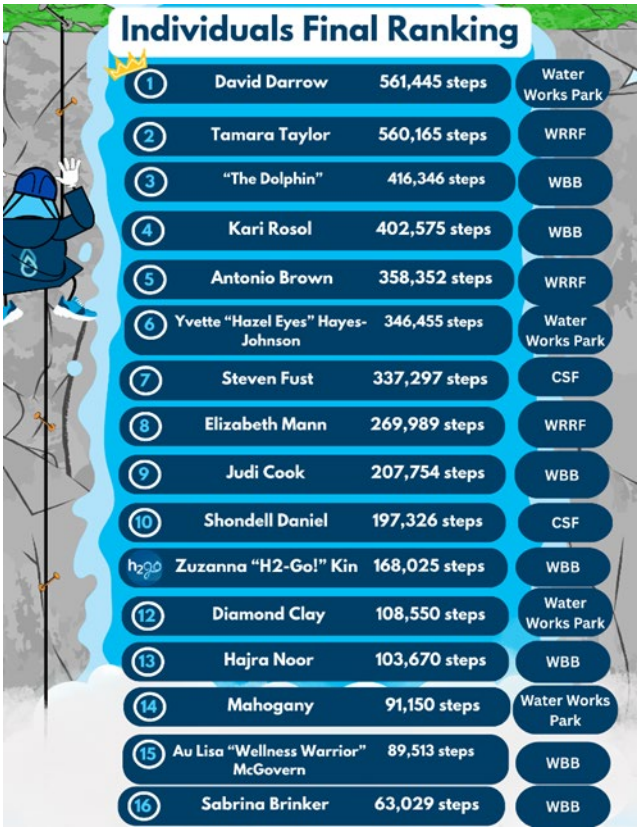
On-site individual winner: Southwest Water Plant
David Darrow, Electrical Instrumentation Control Technician (I), Field and Plant Operations

Hybrid team winners: Treasury Trend Steppers (Water Board Building)

- Lauren Baker, Professional Administrative Analyst, Finance (Team Captain)
- Marwa Abouraya, Management Professional, Finance
- Gerri Williams, Manager, Treasury Operations, Finance

ORGANIZATIONAL DEVELOPMENT (continued)

Hybrid individual winner: Water Board Building
Kari Rosol, Management Professional, Finance
Grand prize winners were recognized with GLWA-branded caps and beanies.



In addition to health benefits, team members shared they were motivated to participate by:

1. A nice celebration at the end
2. Being part of a team
3. Obtaining a prize
4. Seeing my name or team name on the leaderboard
5. Walking with someone else
6. Winning overall

HAP Grilling Class

To celebrate the conclusion of the Spring Walking Challenge, Health Alliance Plan (HAP) provided a grilling class led by Chef Michelle Bommarito. The class provided hands-on instruction on how to prepare quick, healthy, and delicious meals for the summer months.

The participants provided very positive feedback of this programming...

- Events like this let's me know that the organization cares about my well-being.
- Loved being part of the GLWA family and cooking two courses of the meal
- This was absolutely wonderful!! I had such a good time learning new recipes and fellowshipping with my co-workers. THANK YOU!!!
- Great stuff. Do it more times
- The menu was very healthy and satisfying
- Awesome experience for me.

ORGANIZATIONAL DEVELOPMENT (continued)

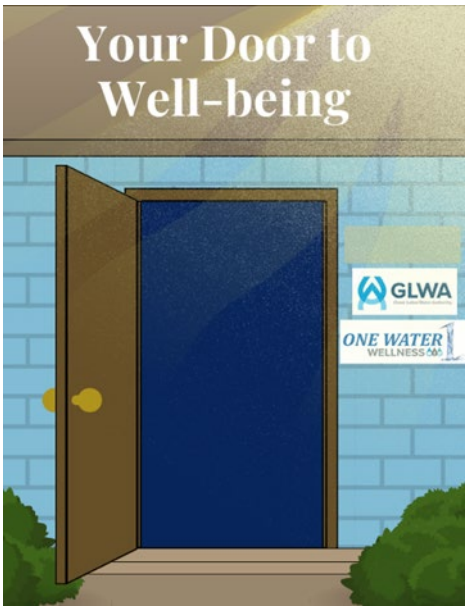
GLWA team members prepared quick, easy, and nutritious meals to improve their own health outcomes. HAP Grilling Class with Chef Michelle Bommarito, June 6, 2025, at Conner Creek CSO.

ORGANIZATIONAL DEVELOPMENT (continued)

GLWA Cookbook Volume 2: Your Door to Well-being!

The second edition of GLWA's cookbook was released. It includes recipes contributed by team members and includes:

- Snacks and treats both sweet and savory
- Entrees and side dishes to warm your heart
- Beverages to mellow your mood
- Sauces to add that extra umph!



Mental Well-being

Ulliance Life Advisor EAP

GLWA continues to reduce mental health stigma while supporting the resiliency of team members and their dependents. There was a 26.1% engagement rate among GLWA team members from January 2025 to July 2025.

While Ulliance notes the national average engagement for men as of 2024 as 17%, GLWA's engagement was 50% male for year-to-date 2025. This is the result of the critical work of the GLWA Men's Health Steering Committee. The committee continues to promote a paradigm shift to ask for help is a sign of strength.

ORGANIZATIONAL DEVELOPMENT (continued)

The Men's Health Steering Committee is led by:

- Curtis Burris-White, Manager, Public Affairs
- Terry Daniel, Deputy Chief Operating Officer – Water Services
- Sajit George, Manager – Water Resource Recovery Facility Operations
- David McCord, Director – Wastewater Conveyance and Combined Sewer Overflow

From January 2025 to July 2025, 96 team members received over 275 services through the Ulliance team.

Talent Management

Staffing

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

Number of New Hires	6
Number of Separations	5
[redacted]	
Total Staffing - Regular FTEs (YTD)	1098
Total Staffing – Part-Time (YTD)	34

FINANCIAL SERVICES AREA

July 2025 Audit Committee Recap

The July regular monthly Audit Committee meeting was rescheduled and held on Friday, August 1, 2025. The GLWA Audit Committee binders are publicly available at www.glwater.org/financials/. The meeting included the following topics:

The following reports were received and filed:

- ✓ Recognition of GLWA Procurement Team receiving the 2025 Achievement of Excellence in Procurement Award
- ✓ FY 2027 Annual Financial Planning Calendar with Charges Rollout Schedule
- ✓ CFO Report
- ✓ Monthly Financial Report for April 2025
- ✓ Gifts, Grants & Other Resources Report
- ✓ Annual Vendor Performance Assessment
- ✓ Business Inclusion and Diversity (B.I.D.) Program Update
- ✓ Procurement Pipeline for June 2025

Affordability & Assistance Update

On Friday, July 25, 2025, the United Way for Southeastern Michigan (UWSEM) hosted the Water Residential Assistance Program (WRAP) and GLWA member partners in Washtenaw County. The guest list included UWSEM staff as well as representatives from the Ypsilanti Community Utilities Authority (YUCA). The gathering marked a new chapter with the UWSEM team introducing themselves as the dedicated service delivery partner for WRAP services in Washtenaw County. Haran Stanley, Affordability and Assistance leader, shared information regarding both GLWA and WRAP, and our history working with UWSEM.

Haran Stanley with partners from United Way for Southeastern Michigan (UWSEM) and the Ypsilanti Community Utilities

To discover more about WRAP—including details on our service delivery partners, flyers in four different languages, frequently asked questions, and reports—please visit glwater.org/assistance.

FINANCIAL SERVICES AREA (continued)

Procurement Update

Last month, members of the GLWA Procurement Team attended the National Institute for Governmental Purchasing (NIGP) Annual Forum. The NIGP's Annual Forum is the largest North American educational conference designed exclusively for individuals in public procurement. During this year's conference, Procurement team members attended a variety of plenary sessions and small group workshops where they had the opportunity to connect with public procurement professionals to share experiences, challenges, and best practices. In addition, the NIGP Products Exhibition enabled the team to discover and preview new products and services from nearly 200 government suppliers.

The July Procurement Pipeline is attached. This edition includes tips for solicitation submissions, requesting virtual vendor introduction meetings and a save the date reminder for the 2025 vendor outreach event. This month's Pipeline also includes a list of upcoming solicitations.

OFFICE OF THE GENERAL COUNSEL

***Legislative Updates*:** The Office continues to monitor legislative activity. The OGC continues 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 to discuss various GLWA projects and capital improvement plans.

***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 ½ day on December 6, 2024. Each party rejected Magistrate Mona Majzoub's proposal. MDOT's Motion for Protective Order was denied. GLWA's Expert Witness has been deposed, and Discovery is now closed. On July 24, 2025, counsel for GLWA filed dispositive motions on the Breach of Contract and Promissory Estoppel Claims. A trial date will be set after any dispositive motions are filed and heard and decided.

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

OFFICE OF THE GENERAL COUNSEL (continued)

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. During the month of August, David W. Jones, (GLWA General Counsel) and Jeremy Romer (Dearborn City Attorney) met and discussed GLWA's plan and commitment to inspect the GLWA infrastructure in the city of Dearborn, and to continue negotiations regarding the terms and specifics of the negotiations of a model contract. Jones and Romer are scheduled to resume discussions during the week of August 18th.

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 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. Two of the three proposed meters have been constructed and are now operational. Contruction of the third water meters is currently underway.

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

Wolf, et al v GLWA: On March 11, 2025, Plaintiff Laurence Wolf filed Case No. 25-003683-CZ in Wayne County Circuit Court against the Great Lakes Water Authority. This putative class action challenges the Industrial Waste Control Charges GLWA charges its non-residential property owners. GLWA's First Response Pleading is due on or before May 22, 2025. GLWA plans to vigorously defend this action. GLWA filed a Summary Disposition motion on May 22, 2025, as there is a good faith belief that the alleged claims are a restatement of the same "Tax Claims" from a previous case known as: *General Mills, et al vs GLWA*, which was disposed in 2023. No date has been set for hearing on the motion yet.

OFFICE OF THE GENERAL COUNSEL (continued)

Ahmed v GLWA: On June 25, 2025, Plaintiff Shakil Ahmed, a former GLWA employee, filed Case No. 25-009883-CD in Wayne County Circuit Court against the Great Lakes Water Authority and a GLWA employee, alleging violations of the Elliott-Larsen Civil Rights Act. GLWA plans to vigorously defend this action. On July 9, 2025, counsel for GLWA filed an Order Extending Time for a responsive pleading to be filed. Mr. Ahmed also has an active workman's compensation claim against GLWA.

Ingalls vs GLWA: On July 25, 2025, Plaintiff Stuart Ingalls filed his In Pro Per complaint in Macomb County Circuit Court for damages he allegedly sustained to his home and personal property while GLWA worked on the 96-Inch Water Main Project. General Counsel expects to resolve this matter swiftly as it is believed that the allegations contained in the complaint are meritless.

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

96-inch Water Transmission Main**:** OGC staff attended the GLWA 96-inch WTM Stakeholder Advisory Committee Meeting. GLWA has started negotiations with MDOT for Phase 3 easements. Coordination continues with local residents, businesses, institutions.

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

Environmental and Workplace Safety Compliance**:** OGC staff participated in the July Emerging Technology Council meeting held by IT Director, Kalpana Yendluri. 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.

NPDES Permit Negotiations: OGC staff members continue to negotiate the Permit terms, including the phosphorous parameters with EGLE/WRD. EGLE's goal is to have the NPDES Permit finalized by the Fall of 2025.

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.

OFFICE OF THE GENERAL COUNSEL (continued)

***Industrial Pretreatment Program ("IPP") & Industrial Waste Control Group (IWC*)**: The Office continues to provide assistance on PFAS and PFOS matters. As referenced above, at the NACWA 2025 Policy Virtual Workshop, OGC staff gained knowledge regarding Federal PFAS Priorities and Biosolids Management.

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 (NOCSOS) and Farmington Newburgh Facility Improvements. A Purchase Agreement between the Detroit Land Bank and GLWA was completed. Each real estate transaction will be presented to the Board for approval when they are fully negotiated.

Easements for 42-inch Water Main Affecting Mt. Clemens Connection Project: The Office is working to secure permanent easements for two segments of the 42-inch water main constructed in approximately 1994 in Harrison Twp along I-94 near the former Gibraltar Trade Center. It recently came to light that, for unknown reasons, two parcels do not have permanent easements acquired. The Office is working expeditiously to secure said easements to ensure continued progress of the Mt. Clemens water connection project to the GLWA 42-inch water main.

***Member Outreach*:** The Office continues to be an active participant in Member Outreach sessions. OGC participated in "Blind Spots: The Hidden Risks of Outdated Wastewater Monitoring Methods" workshop. Additionally, staff attended EGLE's webinar "Contaminated Sites in Your Community."

***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 for the upcoming North Dequindre segment.

***Civil Litigation and Arbitrations*:** The Office continues to vigorously defend all actions against GLWA. In October 2023, the Board authorized settlements of key litigation including a class action lawsuit regarding Industrial Waste Control charges and the collection actions against Highland Park. On June 3, 2025, this office received a Notice of Intent to sue regarding the 54-inch Water Main Transmission failure in southwest Detroit. While no Complaint has been filed in this proposed Class Action, Plaintiffs are alleging a "sewage disposal system event in an effort to avoid Governmental Immunity.

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

OFFICE OF THE GENERAL COUNSEL (continued)

***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.

***Statistics*:**

	#
Contracts approved as to form:	65
Contracts drafted or revised:	224
Subpoenas/Information requests received:	9
Subpoenas/Information responded to:	8

Respectfully submitted,

Suzanne R. Coffey

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

SRC/rb
Attachment: July Procurement Pipeline

Procurement Pipeline

Great Lakes Water Authority (313) 964-9157 www.glwater.org **July 2025 - Volume 71**

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

***Procurement Tip of the Month*: Reviewing the Solicitation Cover & Instructions to Vendors**

Carefully reviewing the Solicitation Cover and Instructions to Vendors is an important first step for Vendors interested in submitting a bid or proposal response to a GLWA solicitation. This document, included with every solicitation and available on the Bonfire project page, helps Vendors to understand how to properly submit a response as well as what to expect as they navigate through the GLWA procurement process. Read below to learn more about this document.

Solicitation Cover – The Solicitation Cover provides a snapshot of the solicitation's key due dates and requirements as well as an overview of the project and its background. In addition, Vendors will find information on the following:

- ✓ Minimum qualifications;
- ✓ All required documents for the submission of a complete and responsive proposal; and
- ✓ Detailed descriptions of the evaluation criteria and scoring weights.

Instructions to Vendors – From advertisement to award, Vendors must follow specific procedures when submitting a bid or proposal response. Instructions on the following topics are included:

- ✓ Checking for addenda posted on Bonfire;
- ✓ Securing (if applicable) bid bonds;
- ✓ Retaining subcontractors and/or suppliers for the performance of work outlined in the solicitation documents;
- ✓ The opening, modification, withdrawal, and evaluation of responses; and
- ✓ Conditions to final award.

Questions regarding the information contained within the Solicitation Cover and Instructions to Vendors must be directed to the GLWA Buyer of Record listed on the solicitation.

Save the Date! GLWA's 2025 Vendor Outreach Event on September 25

GLWA's 2025 Vendor Outreach Event will be held on September 25 at Macomb Community College. The half-day event will feature presentations by GLWA's leadership team as well as opportunities to interact with GLWA team members. Stay tuned to future editions of the *Pipeline* for registration info.

Virtual Vendor Introduction Meetings

If you are interested in learning more about doing business with GLWA, contact us at 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 June 2025 Monthly Report, please click here.

What's Coming Down the Pipe?

Current Solicitations: Register in GLWA's Euna Procurement/Bonfire 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 or contact us via email at procurement@glwater.org.

Upcoming Solicitations July 2025

Category	CIP #	Description/Project Title	Budget Estimate
Water System (next four to nine months)			
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
Wastewater Systems (next four to nine months)			
Construction	273001	Hubbell Southfield CSO Facility Improvements	$56,100,000
Construction	211009	EB-20 Substation Replacement and Primary Area Gas Detection System Upgrade	$4,400,000
Design	270009	Site improvements at BC, BLI and STA CSO Facilities	$640,000
Water System (next three months)			
Professional Services	O&M	Sludge Contract	$22,498,000
Professional Services	O&M	Water Master Plan	$1,500,000
Wastewater (next three months)			
Design	270002	Meldrum Sewer Diversion and VR-15 Improvements	$2,000,000
Construction	261001	Critical Repairs to Secondary Clarifiers and B-Houses	$4,360,000
Construction	232002	Conner Creek Sanitary Pump Station	$167,000,00
Design	270007	CSO Facility Disinfection Improvements	$2,063,930
Construction	213006	WRRF Improvements to Sludge Feed Pumps at Dewatering Facilities	$16,000,000
Construction	260904	WRRF 3rd Floor Renovation (New Administration Building)	$9,906,199
Construction	270006	CSO Facility Improvements II	$18,900,000
Projects moved to Procurement Team (Preparing for solicitation on Bonfire)			
Professional Services	O&M	Crane Rental	$853,125
Professional Services	O&M	Staffing Services	$500,000
Design	113010	Southwest WTP Flocculation Improvements	$4,933,000
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	Refuse and Recycling Services	$654,000
Professional Services	O&M	Glass and Glazing Repair/Replacement Services	$400,000
Professional	O&M	Flooring Covering	$246,000
Construction	270006	CSO Facility Improvements II	$18,901,448
Construction	260904	Renovation of the New Administration Building 3rd Floor	$8,500,000
Construction	260510	CSO Outfall Rehabilitation Phase VI	$10,000,000
Construction	260206	Rehabilitation of 7 Mile Sewer System	$9,810,185
Professional Services	O&M	System Control Center Support Services	$4,935,840
Design	270007	CSO Facility Disinfection Improvements	$2,063,930
Supplies	O&M	Phosphoric Acid	$3,292,800
Construction	211005	Pump Station 2 VFD Replacement at WRRF	$20,000,000
Professional Services	O&M	Sludge Removal – Northeast WTP	$22,498,060
Supplies/Equipment	O&M	Inductively Coupled Plasma Mass Spectrometer (ICP-MS) System	$200,000
Professional Services	O&M	External Auditing Services	$800,000

Vendors should continue to monitor Euna Procurement/Bonfire for solicitation updates.

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